



ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2018-19

Submitted by

The Internal Quality Assurance Cell (IQAC)

**MADHAV INSTITUTE OF TECHNOLOGY &
SCIENCE, GWALIOR, 474005**

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

December 2019

INDEX

S. No.	Title	Page No.
Part – A		
1.	Details of the Institution	6-21
Part – B		
1.	Criterion – I : Curricular Aspects	22-28
	1.1 Curriculum Design and Development Programmes for which syllabus revision was carried out during the Academic year Programmes/courses focused on employability/entrepreneurship/skill development during the Academic year	22-24
	1.2 Academic Flexibility New programmes/courses introduced during the Academic year Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.	24-25
	1.3 Curriculum Enrichment Value-added courses imparting transferable and life skills offered during the year Field Projects/Internships undertaken during the year	26
	1.4 Feedback System Whether structured feedback received from all the stakeholders How the feedback obtained is being analyzed and utilized for overall development of the institution?	26-28
2.	Criterion – II : Teaching, Learning and Evaluation	29-35
	2.1 Student Enrolment and Profile Demand Ratio during the year	29
	2.2 Catering to Student Diversity Student - Full time teacher ratio (current year data)	29
	2.3 Teaching - Learning Process Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data) Students mentoring system available in the institution?	29-30
	2.4 Teacher Profile and Quality Number of full time teachers appointed during the year Honours and recognitions received by teachers	30-32
	2.5 Evaluation Process and Reforms Number of days from the date of semester-end/year- end examination till the declaration of results during the year Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year	32-33
	2.6 Student Performance and Learning Outcomes Program outcomes, program specific outcomes and course outcomes for all programs offered by the insti. are stated and displayed in website of the institution Pass percentage of students	34-35
	2.7 Student Satisfaction Survey Student Satisfaction Survey (SSS) on overall institutional performance	35
3.	Criterion – III : Research, Innovations and Extension	36-54
	3.1 Promotion of Research and Facilities The institution provides seed money to its teachers for research Teachers awarded National/International fellowship for advanced studies/research during the year	36
	3.2 Resource Mobilization for Research Research funds sanctioned and received from various agencies, industry and other organizations Number of ongoing research projects per teacher funded by government and non-	36-37

	<p>government agencies during the years</p> <p>3.3 Innovation Ecosystem Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year Awards for Innovation won by Institution/Teachers/Research scholars/ Students during the year No. of Incubation centre created, start-ups incubated on campus during the year</p> <p>3.4 Research Publications and Awards</p> <p>Ph.D. awarded during the year Research Publications in the Journals notified on UGC website during the year Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year Patents published/awarded during the year Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/Web of Science or Pub Med/Indian Citation Index h-index of the Institutional Publications during the year Faculty participation in Seminars/Conferences and Symposia during the year</p> <p>3.5 Consultancy Revenue generated from Consultancy during the year Revenue generated from Corporate Training by the institution during the year</p> <p>3.6 Extension Activities Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year Awards and recognition received for extension activities from Government and other recognized bodies during the year Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year</p> <p>3.7 Collaborations Number of Collaborative activities for research, faculty exchange, student exchange during the year Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year</p>	<p>37-38</p> <p>38-46</p> <p>46-48</p> <p>48-50</p> <p>50-54</p>
4.	Criterion – IV : Infrastructure and Learning Resources	55-57
	<p>4.1 Physical Facilities Budget allocation, excluding salary for infrastructure augmentation during the year Details of augmentation in infrastructure facilities during the year</p> <p>4.2 Library as a Learning Resource Library is automated Library Services E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc.</p> <p>4.3 IT Infrastructure Technology Upgradation Bandwidth available of internet connection in the Institution Facility for e-content</p> <p>4.4 Maintenance of Campus Infrastructure Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.</p>	<p>55-56</p> <p>56</p> <p>57</p> <p>57</p>

5.	Criterion – V : Student Support and Progression	58-65
	5.1 Student Support Scholarships and Financial Support Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc., Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year	58-59
	5.2 Student Progression Details of campus placement during the year Student progression to higher education in percentage during the year Students qualifying in state/ national/ international level examina. during the year Sports and cultural activities/competitions organised at the institution level during the year	60-62
	5.3 Student Participation and Activities Number of awards/medals for outstanding performance in sports/cultural activities at national/ international level Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution	63-64
	5.4 Alumni Engagement Whether the institution has registered Alumni Association? No. of registered Alumni Alumni contribution during the year (in Rupees) Meetings/activities organized by Alumni Association	64-65
6.	Criterion – VI : Governance, Leadership and Management	66-81
	6.1 Institutional Vision and Leadership Mention two practices of decentralization and participative management during the last year Does the institution have a Management Information System (MIS)?	66
	6.2 Strategy Development and Deployment Quality improvement strategies adopted by the institution for each of the following Implementation of e-governance in areas of operations	66-68
	6.3 Faculty Empowerment Strategies Teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year Number of professional development/administrative training programmes organized by the Colleges for teaching and non teaching staff during the year No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year Faculty and Staff recruitment Welfare schemes	68-78
	6.4 Financial Management and Resource Mobilization Institution conducts internal and external financial audits regularly Funds/Grants received from management, non-government bodies, individuals, philanthropies during the year Total corpus fund generated	79
	6.5 Internal Quality Assurance System Whether Academic and Administrative Audit (AAA) has been done? Activities and support from the Parent – Teacher Association Development programmes for support staff Post Accreditation initiative(s) Number of Quality Initiatives undertaken during the year	79-81
7.	Criterion – VII : Innovations and Best Practices	82-94

	7.1 - Institutional Values and Social Responsibilities Gender Equity Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources Differently abled (Divyangjan) friendliness Inclusion and Situatedness Enlist most important initiatives taken to address locational advantages and disadvantages during the year Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders Activities conducted for promotion of universal Values and Ethics Initiatives taken by the institution to make the campus eco-friendly	82-88
	7.2 Best Practices	88-91
	7.3 Institutional Distinctiveness	91-94
8.	Future Plans of Action for Next Academic Year	95
	Annexure – I Academic Calendar of the year 2018-19	96-97
	Annexure – II Summer Internship Feedback of UG I Year Students	98-123
	Annexure – III Summer Internship Feedback of UG II Year Students	124
	Annexure – IV Induction Program 2018 for UG I Year Students	125-141
	Annexure – V Initiatives Towards Gender and Social Equity (Promote Gender Sensitization, Environment Consciousness, Sustainability, Alternate Sources of Energy & Ethics and Values)	142-143
	Annexure – VI Faculty Members Were Given Appreciation Certificates	144-147
	Annexure – VII Research Proposals Submitted & Sanctioned Consultancy, Other Funding, Extension 2018-19	148-153
	Annexure – VIII Items Purchased for IT Infrastructure	154-155
	Annexure – IX Activities Organized by the Sports Cell	156-157
	Annexure – X Students Participation in Seminars	158-160
	Annexure – XI Scholarship Details 2018-2019	161
	Annexure – XII One Day Orientation Programme Report – Department wise	162-173
	Annexure – XIII National Service Scheme (NSS) Activities	174-182
	Annexure – XIV Training/Internship by Students	183-190
	Annexure – XV(A) Student Feedback	191-192
	Annexure – XV(B) Teacher Feedback	193-194
	Annexure – XV(C) Employer Satisfaction Survey Feedback	195-198
	Annexure – XV(D) Alumni Satisfaction Survey Feedback	199-206
	Annexure – XV(E) Parent Satisfaction Survey Feedback	207-211
	Annexure – XVI Admission Branch Wise in UG & PG Year 2018	212-214
	Annexure – XVII Research Paper Published in the Journals	215-233
	Annexure – XVIII Book Chapter/ebook Published	234-235
	Annexure – XIX Citation Index of Faculty Members and Impact Factor of Journals	236-239
	Annexure – XX(A) Faculty Attended Training/Confer./WS etc. & <u>Summery</u>	240-259
	Annexure – XX(B) Involvement of Faculty as Resource Persons (Keynote Speaker, Expert Lecture, Invited Talk, Chief Guests etc.)	260-262
	Annexure – XXI Placement Details of Students	263-279
	Annexure – XXII Student Achievements (CAT & GATE)	280-286
	Annexure – XXIII Student Participation in Technical/Sports/Extra-Curricular/Cultural Outside & Inside The Institute	287-298
	Annexure – XXIV Non-Teaching Staff Attended Training/Workshop etc.	299-300
	Annexure – XXV Faculty Attending PDP, OP, RC, STC, FDP, etc.	301-304

The Annual Quality Assurance Report (AQAR) of the IQAC

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (*Academic Year July 1, 2018 to June 30, 2019*)

Part – A

Data of the Institution

1. Name of the Institution : **Madhav Institute of Technology & Science**

- Name of the Head of the institution : **Dr. R.K. Pandit**
- Designation : **Director**
- Does the institution function from own campus : **Yes**
- Phone no./Alternate phone no. : **0751-2409354**
- Mobile no. : + **91- 9926454902**
- Registered Email : director@mitsgwalior.in
- Alternate Email : infomitsgwl@gmail.com
- Address : **Race Course Road, Gola Ka Mandir**
- City/Town : **Gwalior**
- State/UT : **M.P.**
- Pin Code : **474 005**

2. Institutional status :

- Autonomous Status (provide the date of Conformance of Autonomous Status) : September 12th 2017
- Type of Institution: Co-education/Men/Women : **Co-education**
- Location : Rural/Semi-urban/Urban : **Urban**
- Financial Status : Grants-in aid/UGC 2f and 12(B)/Self financing :
Grants-in aid + Self financing
- Name of the IQAC Co-ordinator/Director : **Dr. Pratesh Jayaswal**
- Phone no. /Alternate phone no. : +91-0751-2409300
- Mobile : **9826561725**
- IQAC e-mail address : director@mitsgwalior.in
- Alternate Email address : iqac@mitsgwalior.in

3. Website address : www.mitsgwalior.in

Web-link of the AQAR: (Previous Academic Year) : <http://mitsgwalior.in/IQAC/AQAR2017-18.pdf>

4. Whether Academic Calendar prepared during the year? **Yes**

if yes, whether it is uploaded in the institutional website : www.mitsgwalior.in

Web link : <http://mitsgwalior.in/login/upload/Academic%20Calendar%202019-20.pdf>

ACADEMIC CALENDAR OF THE YEAR 2018-19 IS ENCLOSED (ANNEXURE – I)

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period	
				From	To
1 st	B++	2.89	2017	12-09-2017	11-09-2022

6. Date of Establishment of IQAC : **27/12/2016**

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Departmental progress review to monitor preparedness for accreditation & quality by prominent experts & BoG members (In addition to 02 Academic Audits per year)	30 th March, 2019	All Heads of the Department/All the students of the institute
Improved data compilation and periodic monitoring by preparation & circulation of Academic and other routine activity (feedbacks, ATRs etc.) schedules to departments/office/Exam Section /T&P Cell etc.	16/01/2019 & 26/03/2019	All faculty and students
Initiated self learning culture (NPTEL local chapter of the institute ranked 46th in all India level for session Jan.-June 2019)	January –June 2019	288 Students + 82 Faculty (370)
Initiated self learning culture (NPTEL local chapter of the institute ranked 25th at all India level for session July-Oct. 2018)	August-November 18	452 students + 96 Faculty members(508)
Initiated 07 Value Added Courses	January to April 2019	72
National Doctoral Fellowship (NDF)	July 2019-2022	07 candidates admitted
Implementation of Flexible Curriculum & credit transfer policy	July 2018 onwards	All UG students admitted in 2017-18
Conduction of in-house Summer Internship Programme For I year	May 2018 (60 Hours; 36 modules developed and run by faculty members)	Registered in Internship – 892 Appeared in Internship – 874 REPORT ENCLOSED (ANNEXURE – II)

Conduction of in-house Summer Internship Programme For II year (Soft skills)	June 2019	451 REPORT ENCLOSED (ANNEXURE – III)
Induction Program for I year students	16 th Aug -1 st Sept 2018	REPORT ENCLOSED (ANNEXURE – IV)
Monitoring of MOODLE utilization by faculty through MOODLE working Index (MWI)	July 2018-June 2019	All faculty and students
Initiatives taken for improving Infrastructure <ul style="list-style-type: none"> ✓ Phase II of the Boy's Hostel structure completed up to II level ✓ Academic Block –Work order issued. ✓ Seven Smart Class Rooms ✓ Digital Library with 30 nodes ✓ Infrastructure of Library has been upgraded. ✓ One Digital Studio retrofitted and developed in the Department of Architecture. ✓ MOOCs Development Centre ✓ Landscaping work around the Canteen area ✓ Infrastructure renovation of Guest House ✓ Water proofing of Library and General Office is completed. ✓ New Synthetic Basket Ball Court ✓ Modernization of six labs 	July 2018-June 2019	All students and faculty of the institute
Formulation and implementation of ethical policy for the institute in-line with the Gazette notification of Government of India		All students and faculty of the institute
Gate & employability skill training	July 2018-June 2019	704
Initiatives for environmental consciousness	July 2018-June 2019	All students of institute
Initiatives towards Gender and Social Equity	July 2018-June 2019	All students of institute REPORT ENCLOSED (ANNEXURE – V)
Collaborative Research Projects	July 2018-June 2019	33 faculty members
Provision for getting Honours by Securing 20 Additional Credits in Parent Discipline		For all students of V semester (157 have opted this year)
Provision for getting Minor Specialization by Securing 20 Additional Credits in Other Disciplines of Engineering	July 2018-June 2019	For all students of V semester (35 have opted this year)
Improvement in Feedback Mechanism	July 2018-June 2019	61 faculty members were given appreciation certificates REPORT ENCLOSED (ANNEXURE – VI)

Note: Some Quality Assurance initiatives of the institution are: Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

8. Provide the list of Special Status conferred by Central/ State Government - UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Institutional	TEQIP-III	NPIU/MHRD, New Delhi	September 2017	15 Cr.
Institutional	DST-FIST (level 0)	DST, New Delhi	August 2019	50.0 Lacs

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: YES
*upload latest notification of formation of IQAC : <http://mitsgwalior.in/login/upload/order%202.pdf>
10. No. of IQAC meetings held during the year : **04 (Dates : 08/09/2018, 22/12/2018, 22/05/2019, 27/06/2019)**
The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website..... Yes/No

Minutes of meetings - 04

- <http://mitsgwalior.in/login/upload/scan0004.pdf>
http://mitsgwalior.in/login/upload/Minutes_IQAC%20meeting%20on%2022%20dec%202018.pdf
<http://mitsgwalior.in/login/upload/Minutes%2022.05.2019.pdf>
<http://mitsgwalior.in/login/upload/Minutes%2027.06.19.pdf>

Action taken report – 04

- http://mitsgwalior.in/login/upload/Compliance-ATR_IQAC_Meeting_8.9.18.pdf
http://mitsgwalior.in/IQAC/Compliance%20of%20IQAC%20Meeting_22.12.18.pdf
http://mitsgwalior.in/IQAC/Compliance%20of%20IQAC%20Meeting_22.05.19.pdf
http://mitsgwalior.in/IQAC/Compliance%20of%20IQAC%20Meeting_27.06.19.pdf

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?
Yes from TEQIP-III

12. Significant contributions made by IQAC during the current year (maximum five bullets)

- **Environmental Initiatives** (e-submission and e-repository for PG dissertations & UG major project reports, compost maker procured and installed, procurement of Sewage treatment Plant).
- **Academic Infrastructure development** (Digital Learning Resource Centre/MOOC Centre established, seven Smart class rooms created, e-Library with established).
- **Collaborative Research Projects** in association with faculty members from other institutes.
- **Conduction of Value Added Courses.**

- **Placement improvement initiatives:** Gate & employability skill training, In-House summer internship programmes, Provision for getting Honors in parent discipline, Provision for getting Minor Specialization in other disciplines of Engineering, Provision for five interdisciplinary electives.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

CURRICULUM DEVELOPMENT	
Plan of Action	Achievements/Outcomes
Preparation of Academic Development Plan for quality improvement	— The Academic Development Cell (ADC) was constituted vide order no. 2765 dated 23/8/2018 for the designing, monitoring and updating of all quality enhancement initiatives and practices.
Implementation of Flexible Curriculum	— Board of Studies meetings in September-October & February-March to finalize pre-final year and final year syllabi, with COs & POs. — Agenda was drafted by the ADC and circulated to all departments for implementation. — BoS meetings conducted in October 2018 & April 2019 in all departments.
Policy for credit transfer for the courses from SWAYAM/NPTEL/MOOC (Massive Open Online Courses) platform	— The policy to be adopted for credit transfer through MOOCs for DE, OC, Honours & Minor Specialization was proposed by the ADC and approved by the Academic Council in its meeting on 1 st June 2019 vide Item No. AC-2.
New courses focusing on employability, entrepreneurship and skill development	— Implemented by the departments in BoS meetings. 35 Numbers of courses introduced during this year.
Revision of syllabi based on current needs of society and industry	— Implemented by the departments in BoS meetings.
On-line Feedback from stakeholders for curriculum development	— Discussions with HoDs, students, faculty, alumni and employers were carried out. — Discussion in Internal Quality Assurance Cell (IQAC) & Academic Council (AC) meetings. — Formats designed for Feedback collection from 5 Stakeholders; Alumni, Employers, Parents, Teachers and Students by the ADC. — The timelines and feedback collection instructions along with formats circulated through Institute MOODLE/Google forms.
Listing of DE and OC Tracks & modalities for their conduction using NPTEL platform	— Department/institute level meetings/in-house workshops to review and finalize list of DEs/OCs on the basis of feedback. — Meetings of HoDs and ADC members to finalize List of Open Courses (OCs). — Final Review by Academic Development Cell.
Faculty training on curriculum development	— Compulsory registration of all faculty members for the on-line course on “Fundamentals of Outcome-based Curriculum in Engineering Education” available under the ARPIT (Annual Refresher Programme in Teaching) Scheme (Order dated 25 th January 2019).
One credit course on “Professional Development”	— The ADC drafted the guidelines for evaluation

for encouraging overall personality improvement of students	<p>of one credit course on “Professional Development”.</p> <p>— The idea was to bring all kind of personality and skill development activities of the students into the orbit and to encourage student participation in various activities, in addition to technical events.</p> <p>— The Academic Council in its meeting on 01st June 2019 approved the format for evaluation of the one credit course in VIII semester on “Professional Development” (Vide Item: AC-4).</p>
Review and updating of format of Academic Audit	— The ADC reviewed the existing format and designed a new format for implementation in the academic year 2018-19 with 50 parameters.
Review and updating of format of Annual Academic Progress Report (APR)	— The ADC reviewed the existing format and designed a new format for implementation in the academic year 2018-19.
<p>Implementation of outcome based education</p> <ul style="list-style-type: none"> • CO-PO-PEO Attainment 2014-18 Batch • Setting Targets, Gap Analysis • Corrective Actions 	<p>— Guidelines issued for setting CO & PO attainment targets developed by the ADC.</p> <p>— In-house Workshops at department level to review COs, POs & PSOs and their mappings, model/tools used for computing attainment level using direct/indirect assessment.</p> <p>— Review of COs, POs & PSOs by internal as well as external faculty members during the BoS meetings.</p>
Summer Internship Modules for II year Students	<p>— Module on Soft Skills developed and conducted for all II year students.</p> <p>— Department of Humanities, Training Placement Cell and representatives of other departments participated in the conduction of this activity in May 2019 for 15 days.</p>
Industry based field projects/Internships	<p>— Faculty training in Industry.</p> <p>— Visits of faculty to Industry for establishing and enhancing collaboration.</p> <p>— Lectures/Interactions by/with Experts from relevant industries.</p>
TEACHING-LEARNING AND EVALUATION	
Uploading of complete study material/PPTs/Notes on MOODLE, Use of ICT for teaching; Monitoring by MOODLE Working Index(MWI)	<p>— Timelines are issued for uploading all learning material on MOODLE before beginning of the session by each faculty comply.</p> <p>— This activity is monitored by HoDs & Academic Development Cell and IQAC using the MWI.</p>
Aligning teaching-learning with OBE	<p>— Development of Lecture Plans, lecture notes with CO mappings.</p> <p>— Question paper setting based on COs, all questions mapped with Cos.</p> <p>— CO feedback collected from students after completion of each course.</p> <p>— Attainment gaps were identified and corrective actions were taken.</p>
Effectiveness of Mentor-Mentee Scheme	— Meetings to be arranged on First and Fourth Saturday of every month.

	<ul style="list-style-type: none"> — A format to be designed for recording the outcomes. — Monitoring by the Dean Student Welfare office.
Teacher Quality Improvement & Training in pedagogy, domain knowledge, Management Development & attending workshops/seminar/conference	<ul style="list-style-type: none"> — Faculty promoted and sponsored to attend training programmes in their areas of specialization domains and advanced pedagogy (Total 300 numbers of trainings attended by faculty this year). — Faculty gives presentation in the department to other faculty members for knowledge sharing. — In-house domain specific & pedagogy workshops/seminars conducted (21 numbers). — Uniform policies and API for promotion and timely career advancement and review. — Facilities provided for career development, Ph.D and Post Doctoral Research. — Faculty encouraged to register for MOOCs. — On successful completion of course the registration fee is reimbursed by the institute. — Awards and recognitions for their achievements, good performances are given publicly on Independence Day, Republic Day or Founders day.
Evaluation process and reforms	<ul style="list-style-type: none"> — Digital valuation for 100% transparency. — Sample answer sheets uploaded on website. — On-line question paper feedback.
e-submission of Projects & Dissertations	<ul style="list-style-type: none"> — Detailed guidelines prepared by the ADC and notices circulated by the Dean Academics Office. — Provision for conducting PG dissertation examination using Video Conferencing/other platforms approved for educational purposes. — The Academic Council in its meeting on 25th October 2019 approved the above proposal vide Item: AC-5.
Student performance and learning outcomes	<ul style="list-style-type: none"> — Review & Gap Analysis. — Improvement of attainment calculation. — Involvement of students in OBE, orientation sessions and student coordinators for OBE. — Inclusion of other factors in attainment calculations. — Developing rubrics. — All the above monitored by OBE manager, OBE coordinators at Department Level and HoDs.
RESEARCH/INNOVATION/EXTENSION	
Promotion of research and facilities	<ul style="list-style-type: none"> — Innovative Research Scheme (IRS) launched to provide seed money to faculty members. — Workshops conducted on IPR Generation, Paper Writing etc. — Providing financial support for registration and paper presentation in conferences. — Increasing visibility of research publications and availability of citation links on Institute Website.

	<ul style="list-style-type: none"> — Financial Support for Publishing Patents and Innovative Projects. — Six monthly review of Ph.D candidates for assessment of progress. — Constitution of Research Advisory Committee (RAC) for each scholar — Start-up cell activities to create awareness among students & for student support. — Extension activities conducted in collaboration with NGOs, Industry, Community etc. — Activities, sharing latest knowledge, expertise and facilities with local community, school children.
Collaborative research schemes	<ul style="list-style-type: none"> — Faculty engaged in collaborative research. — Thirty three (33) numbers of proposals were submitted by the faculty members under the collaborative research scheme to the Government of India for financial support. — Eleven proposals of faculty members from different departments received financial sanction worth 1.53 Crores from the Central Government.
Research Fellowships	<ul style="list-style-type: none"> — The Institute started supporting 06 Ph.D. scholars as Research Associates (RAs) and awarded monthly fellowships to them.
Submission of proposals under RPS and NDF-RPS	<ul style="list-style-type: none"> — 22 proposals submitted under MODROB/HFS/STTP/UGC/GOC/UGC RPS & RPS-NDF & 05 proposals sanctioned. — 33 proposals submitted under Collaborative Research Scheme (CRS) & 11 proposals sanctioned <p style="text-align: center;">RESEARCH PROPOSALS SUBMITTED & SANCTIONED REPORT ENCLOSED (ANNEXURE – VII)</p>
Admission of Ph.D students under QIP, NDF, TEQIP-III	<ul style="list-style-type: none"> — 26 numbers of Ph.D. students admitted in 2018-19 [02 under QIP, 07 under NDF and 17 others (RGPV)]
INFRASTRUCTURE & LEARNING RESOURCES	
Civil Infrastructure improvement	<ul style="list-style-type: none"> — Phase II of the Boy's Hostel structure completed up to II level. — Academic Block – Work order issued. — Seven Smart Class Rooms developed. — Water proofing of Library and General Office is completed.
Laboratory Infrastructure Development	<p>The following labs were developed :</p> <ul style="list-style-type: none"> — Electrical Drives Lab — Electrical Machines Lab — Basic Electrical Engineering Lab — CAD lab — Digital Control Systems Lab — PCB & Communication Engg Lab <p>The following labs were modernized :</p> <ul style="list-style-type: none"> — Power Electronics Lab

	— Biomedical Instrumentation Lab
Academic & library Infrastructure improvement	— Digital Library developed. — One Digital Studio retrofitted and developed in the Department of Architecture.
IT infrastructure improvement	— Items Purchased for IT infrastructure improvement : <ul style="list-style-type: none"> • Networking Items • Server • Digital Teaching Device • Interactive Display • Projector & Screen Audio Systems etc. • Computer Peripherals Shopping, Desktop computers • Hardware Based Lecture Recording • Xerox Machine • Plagiarism Software • Video Streaming • Video Wall • Studio Room Equipments • LAN Networking Items • UPS • Conference System • Ansys software • Wireless Dongle • Stabilizer • Audio System for Smart Classroom REPORT ENCLOSED (ANNEXURE – VIII)
e-facilities and learning resources	— MOOC development centre with latest facilities has been installed.
Infrastructure for environmental improvement	— Sewage Treatment Plant (STP) for converting black water into grey water procured. — Two Compost making machines installed; One 100 Kg. capacity for dry waste and the other 250 Kg. for organic waste processing. — Water harvesting system installed throughout the campus.
Sports Infrastructure improvement	— New Synthetic Basket Ball Court developed. — New cricket and football ground under development phase.
STUDENT SUPPORT & PROGRESSION	
Support to the weak students	— Institute level faculty coordinator for Remedial Classes has been appointed. — One faculty coordinator for Remedial Classes has been appointed at the department level. — The time table of classes along with name and mobile number of faculty member is uploaded on the website. — Students can contact the teacher at any mutually agreed time, in addition to the scheduled classes.
Support for student placement & progression to higher studies	— GATE training for 300-350 hours. — Employment skill development training for 200 Hours. — Fourteen number of industrial visits/field trips

	undertaken by students of different departments.
Personal counseling and mentoring	<ul style="list-style-type: none"> — Mentor-mentee scheme in place. — List of senior & junior students assigned to faculty mentors are circulated at the beginning of the session. — Whatsapp groups are formed for communication between mentor-mentees. — Meetings are scheduled by faculty. — Counseling sessions are scheduled during the session. Counseling is provided by teachers as well as counselors. — In addition, issue based counseling is also provided from time to time, in formal as well as informal sessions.
Meditation & Yoga	<ul style="list-style-type: none"> — Meditation and yoga clubs are functional. — Yes plus programme from Art of Living and its follow ups are conducted. — SELP programme was also conducted twice during the academic year. — Yoga sessions are also conducted during Induction Program for first year students.
Bridge courses for software and other skill development	<ul style="list-style-type: none"> — Workshops/seminars conducted on a routine basis for skill development. — Internship modules are developed on soft skills by faculty for II year students. — Value added courses are conducted for skill development.
Preparation of competitive exams	<ul style="list-style-type: none"> — Employability skill training is imparted to 651 students. — GATE training to 704 students. — Expert lectures and motivational & domain specific lectures from industry personnel are conducted for students (33 such lectures conducted in 2018-19).
Career Counseling	<ul style="list-style-type: none"> — Training & placement cell conducted 14 activities (hackathons, lectures, industry conclave, TedX talks, Soft & Professional Skills Training, PDP, GD, PI etc for creating awareness and preparedness of students).
Review and implementation of transparent system for student grievances, for ragging and sexual harassment	<ul style="list-style-type: none"> — Anti ragging cell exists and remains active. — On-line mechanism for addressing grievances. — Separate Girls' & Boys' grievances cells constituted as per norms, and are active.
Sports activities competition	<ul style="list-style-type: none"> — The Institute organized National Level, State Level and Nodal Level sporting events in Cricket, Basket Ball, Badminton, Volleyball, Chess, Table Tennis, Football, etc. competitions. — The institute organized/students participated in 13 such competitions. REPORT ENCLOSED (ANNEXURE – IX)
Appropriate Representation of students on Academic/Administrative bodies	<ul style="list-style-type: none"> — Student coordinators for OBE. — Student coordinators for Placement. — Student representatives give suggestions before

	<p>the meetings of BoS.</p> <ul style="list-style-type: none"> — Student representatives in IQAC.
Alumni engagement	<ul style="list-style-type: none"> — Registration of alumni through on-line portal. — Department level database. — Involvement in student mentoring. — Need based support for learning.
Scholarships and financial support from institute and other sources	<ul style="list-style-type: none"> — The registration fee of students who earned certificated from NPTEL was reimbursed for 505 students. (July-Dec2018 : 315 students + Jan-June 2019 : 190 students). — Fifty numbers of students were supported for participation in seminars, conference paper presentation, summer internship, start-up workshops, Hands on Training Programs, Technical Events, Hackathons etc. REPORT ENCLOSED (ANNEXURE – X) — Institute Scholarships — Alumni Scholarships — Merit-cum means Scholarships <p>ALL ABOVE SCHOLARSHIPS REPORT ENCLOSED (ANNEXURE – XI)</p>
Induction & Orientation programmes for UG and PG students	<ul style="list-style-type: none"> — Induction programme conducted for First Year from 16th August 2018 to 1st September 2018. (Report enclosed as Annexure - IV) — Orientation of students of second year to final year is scheduled at the beginning of each semester on 12 issues. — The activity is monitored by the IQAC and included in its compliance report. <p>ORIENTATION PROGRAMMES FOR UG AND PG STUDENTS REPORT ENCLOSED (ANNEXURE – XII)</p>
Co-curricular and cultural activities/competitions	<ul style="list-style-type: none"> — The students have organized 66 cultural activities under 15 clubs & professional society chapters.
Focusing towards Student achievements	<ul style="list-style-type: none"> — The ISTE Chapter of MITS was awarded the best chapter of Madhya Pradesh. Announcement was done on 9th November 2019 and was awarded on 29th November in ISTE Annual Convention at Bhubneswar. — MITS team (Cicada_3301) of students from department of CSE & IT won the First Prize worth Rs.1 Lakh in the prestigious “Smart India Hackathon (SIH) 2019” organized by MHRD at Bhubaneswar, Odisha on 2nd-3rd, March 2019. — The four member team ‘404_Not_Found’ secured 1st position for successfully developing the required software during HACKATHON on 16th-17th, March, 2019 organized by Techcoopers, Software Solutions office, Indore. (Report enclosed as Annexure - IX) — Conduction of various events/completions in collaboration with other bodies. National level SAE Events (BAJA SAE, EFFICYCLE,

	<p>SUPRA etc.)</p> <ul style="list-style-type: none"> — Recursive Assault was a gaming group event at Inter-College level. Five events were conducted namely CSGO, 8-BIT Gaming, FIFA, PUBG, RUBIK'S. — Events under Algorhythm : Code Hunt, Game development Workshop, Mock GATE, NLP, Fake ICPC, Blind Code. — The students of the dance club secured Second Prize in Semi Classical Open Category in International Dance Festival Udbhav, 2018, at Gwalior
GOVERNANCE, LEADERSHIP & MANAGEMENT	
Decentralized & Participative management	<ul style="list-style-type: none"> — Class coordinators for each class ensure decentralization of all processes. — In addition to class coordinators, various other coordinators are appointed at the department level to help in administration of the different activities such as - <ol style="list-style-type: none"> 1. OBE 2. Remedial classes 3. MOODLE 4. Departmental webpage management 5. Feedback analysis and corrective action, 6. SWAYAM/MOOCs 7. Internship coordinator 8. Alumni interaction 9. GATE & employability classes
Implementation of MIS	<ul style="list-style-type: none"> — All student data on MIS. — Registration, examination form submission, correspondence with students, and all notices to students, sms/e mails etc. are through MIS. — All data management for declaration of results to printing of mark sheets. — Submission of fee. — Grievances of students.
Strategy development & deployment	<ul style="list-style-type: none"> — An activity calendar is prepared at the beginning of session. — All important meetings, IQAC, sub committees of BoG and BoG meetings are scheduled quarterly. — Schedule of all audits is also fixed. — Formats for Action Taken Reports from departments, Training and Placement, Examination, ED Cell, Dean Academics, Dean Student Welfare, Sports Cell are available and schedules/deadlines are communicated at the beginning of the session. — These 3-monthly reports (the four ATRs) are presented in the IQAC meetings for review and compliance.
Faculty empowerment strategies	<ul style="list-style-type: none"> — Registration fee and travel support for participation in conferences/seminars/workshop/ STC/FDP/GIAN/Pedagogical/NBA Summit/ MT/PDT etc. was given to 175 faculty members.

	<ul style="list-style-type: none"> — Faculty members sent for attending various training programmes/STTPs etc. were 140 in this year. — Fee of faculty members perusing their Ph.D. with institute as research centre are waived off. (12 numbers on roll in 2018-19). — Professional Society membership fee reimbursed for senior members of prestigious societies. — The registration fee of faculty members who earned certificates from NPTEL was reimbursed for 86 faculty members. (July-Dec 2018 : 32 faculty members + Jan-June 2019 : 54 faculty members).
Performance Audits	<ul style="list-style-type: none"> — Internal Academic Audit on 50 points was carried out on 25-08-2018 & 01-09-2018. — External Academic Audit on 50 points was carried out on 02.03.2019 & 03.03.2019. — Administrative Audit on 24-06-2019 — Environmental Audit on 30-01-2019 — Energy Audits on 30-01-2019
Implementation of e-governance	<ul style="list-style-type: none"> — All Notices, Orders and Other communications through e-mails w.e.f. 31st July 2018. — All incoming as well as outgoing Financial Transactions are electronic since 2018-19. — Minutes of all HoD, Dean, Director meetings are circulated electronically through mail ids on MITS domain and then uploaded on institute website for ready reference. — Minutes of Academic Council, IQAC and other statutory bodies are also available on the website for transparency, easy access and ease in implementation.
Improvement of Academic Administration	<ul style="list-style-type: none"> — The Academic Development Cell (ADC) was constituted Vide Order No. 2765 dated 23rd August 2018 for the designing, monitoring and updating of all quality enhancement initiatives and practices. — The ADC revised the formats for stakeholder feedbacks and OBE related feedbacks. — The ADC also reviewed and revised the format for Academic Audit and other academic practices. — Detailed timelines for routine academic activities (33 in number) were framed and circulated. — Action Taken Reports on all these activities are sought quarterly. — Department level coordinators are appointed to implement and monitor OBE, remedial classes, MOODLE, website management, feedback, SWAYAM/MOOCs, internships, alumni interaction, GATE classes etc.
Improvement of Student Administration & General Discipline	<ul style="list-style-type: none"> — Student Development Cell constituted Vide Order No. 2766 dated 23/8/2018. — Proctorial board constituted under the

	<p>chairmanship of the Proctor Vide Order No. 326 dated 31st January 2019.</p> <p>— Anti ragging committees of faculty members are assigned duties. There is daily round of these members in three time slots; morning, afternoon and evening.</p>
<p>Post accreditation initiatives – Review & corrective actions for previous NAAC report</p> <p>Participation in (i) NIRF (ii) NBA (II) AISHE</p>	<p>— The practice of departmental progress review was started this year to monitor & to improve the departmental preparedness for accreditation and commitment towards quality.</p> <p>— On 30th March, 2019 a presentation was given by the Heads of the Department which was reviewed by the Hon'ble Chairman of HR Prof. K.K. Aggarwal and board members Shri Prashant Mehta and Er. Ramesh Agrawal.</p> <p>— Review of preparedness for accreditation is conducted on a routine basis. The department wise schedule is prepared and review is conducted by all HoDs, Director and members of the ADC.</p>
INSTITUTIONAL VALUES & BEST PRACTICES	
Infrastructure for Divyangjan	<p>— One toilet for differently abled persons.</p> <p>— Ramps in the institute for ease of movement at the main entrance and side entrances.</p>
Enlist no. of initiatives for locational problems	— 25 activities were conducted for Locational Awareness and wellbeing of society.
Code of conduct – Ethics	<p>— Institute has implemented plagiarism policy to establish ethical values among students and faculty.</p> <p>— Turnitin software procured for facilitating plagiarism check of project reports/P.G. dissertations/ Ph.D. thesis/ papers communicated by the faculty and students to journals and conferences.</p>
Activities conducted for promoting universal values	<p>— A new course on Ethics, Economics, Entrepreneurship & Management is introduced at the III year level.</p> <p>— At the II year level participation in NSS activities is mandatory.</p> <p>— List of activities conducted to inculcate social awareness and universal values in students is enclosed.</p> <p>NATIONAL SERVICE SCHEME (NSS) ACTIVITIES IS ENCLOSED (ANNEXURE – XIII)</p>
Initiatives for eco-friendly campus	<p>— Practices such as E-journals, use of Whatsapp for information flow, use of IMS, students' course material in soft copies, use of emails for information transfer, both side printing on paper etc. are in use for office and departments.</p> <p>— Conduction of on-line quiz and assessment.</p> <p>— Following Committees constituted are to strengthen the environment friendly practices in the Institute :</p> <ul style="list-style-type: none"> • Energy Audit Committee • Water/Waste water Audit/Solid waste

	<p>management Committee</p> <ul style="list-style-type: none"> • Health Audit Committee • Inbuilt Environment/Campus/Air Quality/Transport Audit/Green Audit Committee • Good Practices Implementations Committee • Based on the audit recommendations procurement is under process for the following : • Sewage Treatment Plant (STP) for converting black water into grey water • Two compost making machines have been procured and installed.
Gender equity	<p>— The institute adopts a strict policy on equity and constant monitoring through student feedback and formal/informal meetings is in practice.</p> <p>— The Institute success story addressing the Social Inequalities was selected for presentation in 2-day National Conference on “Equity: Achievements and Challenges in India” organised by Directorate of Technical Education Maharashtra State on 15-16th March, 2019 at College of Engineering, Pune, Maharashtra.</p> <p>— Six activities were conducted on Gender Sensitization/Equity gender and awareness (Report enclosed as Annexure - V).</p>
Environment Sustainability/Alternate Energy	<p>— Roof top solar power plant of 100kW installed in the institute.</p> <p>— STP procured.</p> <p>— Compost maker installed to process dry and wet waste.</p> <p>— All notice, correspondence etc electronic as an initiative to save paper, bring efficiency and speed.</p>
Initiatives for institutional distinctiveness	<p>— Institute is a pioneer in the region in starting the following initiatives:</p> <ul style="list-style-type: none"> ▪ MOODLE ▪ Digital valuation ▪ Environmental Consciousness ▪ A unique FFI & API based performance appraisal ▪ Implementation of Flexible Curriculum ▪ Provision for Minor specialization ▪ Provision for getting an Honors degree

14. Whether the AQAR was placed before statutory body? : **Yes**
Name of the Statutory body : **Academic Council, HR Committee** : Date of meeting(s) : **7th December 2019**
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?
: **Yes** Date : **21st August 2017**
16. Whether institutional data submitted to AISHE: **Yes** : **Year : 2019** : **Date of Submission : 28/02/2019**

17. Does the Institution have Management Information System? **Yes**

If yes, give a brief description and a list of modules currently operational. (Maximum 500 words)

- IMS (Information Management System) is a cost effective integrated online service that manages Admission (PG), Post Admission Registration, Examination & Result Processing, Library and Accounts of the Institute. IMS is running successfully since last two years with the objective to computerize the work and reduce paper work. Services are online and can be accessed via internet. It reduces human effort and provides high security & availability of data. Students can register online, pay fee and can see/download their results. IMS provides fully automated Examination & result processing system in which marks are obtained in online mode, the TR is generated & final mark sheets are immediately visible to the students.
- Total 6699 users of 48 different department/sections are registered. The IMS comprises of the following modules:
 - ✓ IMS(for student)
 - ✓ MIS(for faculty/Staff)
 - ✓ ECS(for Examination)
 - ✓ Library Module
 - ✓ Admission (PG admission) Module
- IMS/MIS is deployed / hosted on the cloud servers and ECS system is installed in the institute, following is the configuration of ECS System. Processor: Core I7, RAM -4GB, 1TB HDD.

Part – B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Design and Development

1.1.1 Programmes for which syllabus **revision** was carried out during the Academic year

Name of Programme	Programme Code	Dates of revision
Civil Engineering	110501	05/04/2019
	110505	
	110302	06/10/2018
	110303	
	BCEL 704	
	BCEL 705	July 2018
	110304 /flexible	
110404/flexible		
Mechanical Engineering	CEL/MEL/CSL/EEL/ELL/ITL/CHL/BTL -105 /1X25/BEEL/BELL/BETL/BCHL/BAUL105/ BCEL/BMEL/BCSL/BITL/BBTL-204/100105	24/08/2018
	120301/190301/BMEL305/ BAUL301/MEL302/3223	
	BMEL403/4222/MEL403	
	BAUL304/190303	
	BMEL401/4221/MEL402	
	BMEL503/5221/MEL502	
	MEL601/6221	
	BMEL603/MEL604/6224	
	BMEL606/6225/MEL605	
	BMEL505/MEL503/5223	
Electrical Engineering	130404	06/10/2018
	130502	08/04/2019
	130306	06/10/2018
	130507	08/04/2019
Electronics Engineering	140302/200302	06/10/2018
	140303/200303	
	140304/200304	
	140305/200305	
	140402/200402	
	140403/200403	
	140404/200404	
	140405/200405	06/10/2018
CSE/IT	100203	06/10/2018
	DLC-1	
	150602/160602	

1.1.2 Programmes/courses **focused on employability/entrepreneurship/skill development** during the Academic year

Programme with Code	Date of Introduction	Course with Code	Dates of Introduction
Civil Engineering (CE)	1957	Estimating Costing & Contracting (110501)	2001
		Transportation Engineering (110505)	2019
		Building Planning & Design (110302)	2001
		Building Material & Construction (110303)	2001
		Railway Bridge & Tunnel Engineering (BCEL 704)	2001
		Irrigation Engineering (BCEL 705)	2001
		Surveying (110304/flexible)	2001
		Structural analysis (110404/flexible)	2001
		Surveying-II (BCEL-302)	2011
		Concrete Technology (BCEL-304)	2011
		Building Design Drawing & Town Planning (BCEL-305)	2011
		Quantity Surveying & Costing (BCEL-401)	2011
		Structural Design & Drawing – I (R.C.C.) (BCEL-505)	2011
		Structural Design & Drawing – II (Steel) (BCEL-605)	2011
		Construction Planning & Management (CEL-701)	2011
		Advance Structural Design – I (R.C.C.) (CEL-704)	2011
Industrial Waste Treatment (Elective-I) (CEL-705)	2011		
Adv. Structure Design –II (Steel) (CEL-801)	2011		
Mechanical Engineering (ME)	1957	Summer Internship Project-I (120307)	2017
		Summer Internship Project-II (120507)	2017
		Summer Internship Project-I (190307)	2017
		Summer Internship Project-II (190507)	2017
Electrical Engineering (EE)	1957	Measurement & Instrumentation (130302)	2017
		Network Analysis (130303)	2017
		Analog Electronics (130304)	2017
		Electrical Machines-I (130402)	2017
		Control System (130403)	2017
		Power System-II (130502)	2019
		Electrical Machines-II (130503)	2017
		Power Electronics (130504)	2017
		Switchgear & Protection (130601)	2017
		Transmission and Distribution (BEEL505)	2016
Electrical Drives (BEEL701)	2016		
Electronics Engineering (EC)	1981	Software Lab : Introduction to MATLAB (140305/ 200305)	2017
		Hardware Lab : PCB Design Lab (140405/ 200405)	2017
		Minor Project-I (140506/ 200506)	2017
		Minor Project-II (140606/ 200606)	2017
CSE/IT (CS/IT)	CS : 1994 IT : 2000	Agile Methodology (160603 C/ BCSL-712/ BITL-712)	2018
		Network & Web Security (150603 A/ 160603 A)	2018
		Internet of Things and Applications (BCSL 804/ BITL 804)	2018
		Python Programming (DLC-2)	2018
		Cyber Security (100004)	2018
		Ethical Hacking (150604 A/ 160604 A)	2019
		Agile Methodology (160603 C/ BCSL-712/ BITL-712)	2018

		R Programming (150605 A/ 160605 A)	2019
		Social Networking (150605 B/ 160605 B)	2019
		Block Chain Technology (150801 C/ 160801 C)	2019
		Soft Computing (150605 C/ 160605 C)	2019
		Data Analytics (150703 B/ 160703 B)	2018
		Data Science for Engineers (5 th sem (Honours))	2019
		Machine Learning (150802 A/ 160802 A)	2018
		Deep Learning (150703 C/ 160703 C)	2018
		The Joy of Computing using Python (5 th sem (Honour))	2019
		Advanced Computer Architecture (5 th sem (Honour))	2019
Humanities	-	Engineering Ethics, Economics, Entrepreneurship & Management (100005)	2018

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year

Programme/Course	Date of introduction
New Programmes approved by the AICTE in 2018-19	
PG Programme in Product Design (Intake : 18 sanctioned)	2020
Bachelor of Vocation (B. VOC) in Automotive Manufacturing Technology (Intake : 25)	2020
Bachelor of Vocation (B. VOC) in Graphics and Multimedia (Intake : 25)	
Bachelor of Vocation (B. VOC) in Travel And Tourism (Intake : 25)	
Bachelor of Vocation (B. VOC) in Medical Imaging Technology (Intake : 25)	
Post graduate programme in Management (Intake : 30)	
New Courses	
Civil Engineering	
Building Planning & Design (110302/flexible)	July 2018
Building Material & Construction (110303/flexible)	July 2018
Engineering Hydrology (110405)	January 2019
Self Learning/ Presentation (Through SWAYAM / NPTEL) (110307)	October 2018
Summer Internship Project-I(Evaluation) (110308)	October 2018
Transportation Engineering (110505)	April 2019
Summer Internship Project-II(Evaluation) (110507)	April 2019
Seminar/Self Study (Through SWAYAM / NPTEL) (110508)	April 2019
Electrical Engineering	
Electromagnetic Field Theory (130301)	July 2018
Measurement & Instrumentation (130302)	July 2018
Network Analysis (130303)	July 2018
Analog Electronics (130304)	July 2018
Digital Electronics & Microprocessor (130401)	January 2019
Electrical Machines-I (130402)	January 2019
Control System (130403)	January 2019
Power System-I (130404)	January 2019
Signals & Systems (130501)	April 2019
Power System-II (130502)	April 2019
Electrical Machines-II (130503)	April 2019
Power Electronics (130504)	April 2019
Switchgear & Protection (130601)	April 2019

Electronics Engineering	
Stochastic Processes in Communication (200405)	January 2019
Signals and Systems (140305/200305)	July 2018
CSE/IT	
Digital Forensics (BCSL 703)	July 2018
IT Infrastructure Management (BITL 703)	July 2018
Adhoc Network (BCSL 704/ BITL 704)	July 2018
E – Commerce (BCSL 705 / BITL 705)	July 2018
Grid Computing (BCSL 709 / BITL 709)	July 2018
Natural Language Processing (BCSL 710 / BITL 710)	July 2018
Internet of Things and Applications (BCSL 804 / BITL 804)	July 2018
Software Testing & Quality Assurance (BCSL 711 / BITL 711)	July 2018
Image Processing (150603 C / BCSL 801 / BITL 801)	July 2018
Python Programming (DLC-2)	July 2018
Cyber Security (100004)	July 2018
Ethical Hacking (150604 A/ 160604 A)	April 2019
Agile Methodology (160603 C/BCSL-712/BITL-712)	July 2018
Software Testing (160604 C)	April 2019
Pattern Recognition (150604 C)	April 2019
R Programming (150605 A / 160605 A)	April 2019
Social Networking (150605 B / 160605 B)	April 2019
Block Chain Technology (150801 C/ 160801 C)	April 2019
Soft Computing (150605 C/ 160605 C)	April 2019
Data Analytics (150703 B/ 160703 B)	July 2018
Data Science for Engineers (5 th sem (Honour))	April 2019
Machine Learning (150802 A/ 160802 A)	July 2018
Deep Learning (150703 C/ 160703 C)	July 2018
The Joy of Computing using Python (5 th sem (Honour))	April 2019
Advanced Computer Architecture (5 th sem (Honour))	April 2019
Humanities	
Engineering Ethics, Economics, Entrepreneurship & Management (100005)	July 2018
Indian Constitution & Traditional Knowledge (100006)	April 2019

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year. [*Already adopted (mention the year)*]

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS/Elective Course System	UG	PG
Civil Engineering	√	X	2018	√	X
Mechanical Engineering	√	X	2018	√	X
Automobile Engineering	√	X	2018	√	X
Electrical Engineering	√	X	2018	√	X
Electronics Engineering	√	X	2018	√	X
Electronics & Tele Communication Engineering	√	X	2018	√	X
Computer Science & Engineering	√	X	2018	√	X
Information Technology	√	X	2018	√	X
Chemical Engineering	√	X	2018	√	X

1.3 Curriculum Enrichment

1.3.1 Value-added courses imparting transferable and life skills offered during the year

Value added courses	Date of introduction	Number of students enrolled
Android App Development	January-April 2019	10
Programming with Python	January-April 2019	10
C++ Programming	January-April 2019	17
Nano Technology For Engineering Application	January-April 2019	09
Life Skill for Engineer	January-April 2019	04
Discover Creativity for Engineer	January-April 2019	09
MATLAB for Engineers	January-April 2019	13

1.3.2 Field Projects/Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
Civil Engineering	05
Mechanical Engineering	80
Electrical Engineering	130
Electronics Engineering	34
CSE/IT	10
Chemical Engineering	51
Architecture	40

TRAINING/INTERNSHIP BY STUDENTS IS ENCLOSED (ANNEXURE – XIV)

1.4 Feedback System

1.4.1 Whether structured feedback received from all the stakeholders.

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Student feedback analysis and reward/corrective measures taken	
Feedback Collected for all courses	Yes
Average Percentage of Students who participate	60 (approximately)
Feedback collection process	<ul style="list-style-type: none">• Online, Twice per Semester• Feedback is collected for all courses, twice in a semester, on-line for the sake of transparency.• The feedback links are sent to the students by their class coordinators using Google forms so that students can give their responses as per their convenience.

<p>Feedback analysis process (Teacher feedback on courses taught)</p>	<ul style="list-style-type: none"> • The feedback for thirteen performance criterion is collected. • The 13 criteria are : <ol style="list-style-type: none"> 1. Has good teaching ability 2. Teaching style is interactive/involving students 3. Adequate coverage of course content 4. Voice is audible 5. Good communication skills 6. Has ability to control class 7. Has ability to motivate/create interest in subject 8. Relates subject with practical examples 9. Is approachable & helping 10. Provides study material/notes etc. 11. Inspires students for good behavior and ethical conduct 12. Use of innovative teaching methods 13. Shows no gender bias • There is space provided in the feedback form for student comments where they can type their general suggestions for improvement of teaching-learning processes. • On the basis of feedback the Faculty Feedback Index (FFI) is calculated on a scale of 5. • The FFI is computed by taking the weighted average of the 13 performance metrics as graded by students on a scale of 1 to 5 for poor/average/good/very good/excellent. • In the individual faculty feedback report, up and down arrows are marked against each performance metrics (by using conditional comparison operators which compare the performance of each metrics with the average teaching performance of the faculty). • This helps in identifying the areas of strength and weakness for each faculty. • The feedback is compiled and analysed centrally by the Dean Academics office for the sake of uniformity in assessment and documentation. • The compiled information (data file + summary + individual faculty report) is then sent to the respective departments for implementation and corrective action at the HoD/faculty.
<p>Basis of reward</p>	<ul style="list-style-type: none"> • As decided by the IQAC of the institute, the faculty members who have FFI score of 4 or more in both feedbacks during a semester are issued letters of appreciation from the Director.
<p>Corrective measures</p>	<ul style="list-style-type: none"> • On the basis of the IQAC resolution, the faculty members who have FFI score of less than 3 in any one of the feedbacks during a semester are issued letters from the Director for improvement of their performance for the overall improvement of quality in teaching & learning. • In addition to this the HoD and sometimes the Director also interact with the faculty members to find out the reasons behind their low scores. • If the feedback for a particular faculty is not

	<p>consistent/not improving over consecutive feedbacks then the institute may arrange for pedagogical or domain specific training for the concerned faculty (in addition to the regular short-term courses, workshops, conferences etc for knowledge up-gradation)</p> <ul style="list-style-type: none"> • The student written suggestions are compiled and analysed by the respective • For certain issues the institute may recommend counselling sessions for the faculty. However, no such cases have yet been reported/noticed. • The feedback received from students is used only for quality improvement purpose and not for punitive purposes
--	---

- Teacher feedback: (i) Feedback on course (ii) Faculty satisfaction survey are conducted on MOODLE.
- Alumni feedback: (i) Feedback on course curriculum (ii) General satisfaction Survey (iii) PEO feedback
- Employer feedback: In addition to (i)–(iii) a PO feedback is also collected from employer to gauge the level of attainment of the graduate attributes of our students who are employees now.
The comments and inputs received from the above stakeholders are used for curriculum development and overall improvement. Parent-teacher meetings are also conducted twice a year.

FEEDBACK RECEIVED FROM ALL THE STAKEHOLDERS IS ENCLOSED (ANNEXURE – XV(A), XV(B), XV(C), XV(D), XV(E))

CRITERION II -TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1.1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
B.Tech. (UG)	870	The admission in through on-line centralized counseling through DTU, Bhopal.	892
B. Arch. (UG)	40		40
Lateral Entry (UG)	174		124
M.E./M.Tech. (PG)	177		101
MCA (PG)	60		26

ADMISSION BRANCH WISE IN UG & PG YEAR 2018 IS ENCLOSED (ANNEXURE – XVI)

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018-19	3898	257	119	03	97

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
219	219	Yes Projector, white board, mike/PA system, interactive panel (42)	32	10	Yes MOODLE, Video lectures, MOOCs, Virtual labs, recorded experiments with QR codes (15)

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
887	219	1:4

Mentor - Mentee system is functioning in the Institute. Under this system as soon as the admission process of UG 1st year is over, a list is prepared where in for every 5-6 1st year students (mentee) of different branches - two senior students (mentor) and one faculty (teacher mentor) are appointed. For making the system more effective, all faculty (Regular & NPIU) are involved. Total 174 teacher mentors in the current academic session 2018-2019.

Meetings of Mentor- mentee with teacher mentor are organized on I & IV Saturday between 4.00 to 5.00 p.m., and additional meetings whenever required to address the issues and concern of mentees. Minutes of the meetings are maintained. Google form is created for record purpose. Based on the requirements, following measures are taken by teacher mentors :

- Introduced about facilities available in college, in particular about availability of e-books in the library. IInd year student mentors were asked to help the first year student for books and notes.
- Concerned department has been contacted for the rectification of issues like books not available in library, study material, etc.
- Suggestions regarding how to handle college life and how to prepare for exams were given.
- Encouragement to explore student club and Extra-curricular activities
- Whatsapp group were created for better coordination and response.
- Students were given a brief idea about GATE & GRE.
- Guided the students to see videos of the experiment performed in the lab., and compare it with the process they performed so as to have better understanding and error can be minimized.
- Mentor student guided the mentee students on how to prepare for EEES course. Faculty mentor informed the relevance of studying the course on EEES and availability of MOODLE.
- Apprised the students about study materials available on internet especially on NPTEL courses and asked the mentee students to prepare their own notes from exams point of view.

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
165	236*	Nil	135#	59 (41 + 3 + 15)

* Regular Faculty + Contract Faculty + NPIU Faculty

Contract Faculty + NPIU Faculty

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018-2019	Deep Kishore Parsediya	Assistant Professor	NPTEL Elite Certificate for Microwave Theory and Techniques
2018-2019	Awadhesh Gupta	Assistant Professor	NPTEL Elite Certificate for Principles of Digital Communications Topper of this course

2018-2019	Pankaj Agrawal	Assistant Professor	NPTEL Elite Certificate for Discrete Time Signal Processing Topper of 2% in this course
2018-2019	Santosh Sharma	Assistant Professor	NPTEL Elite Certificate for Digital Circuits Topper of 5% in this course
2018-2019	Chaitanya Dhopte	Assistant Professor	NPTEL Elite+gold Certificate for Digital Circuits Topper of 1% in this course
2018-2019	Pratigya Pathak	Assistant Professor	NPTEL Elite Certificate for Digital Circuits Topper of 5% in this course
2018-2019	Akanksha Gupta	Assistant Professor	NPTEL Elite+gold Certificate for Digital Circuits Topper of 1% in this course
2018-2019	Rakesh Kumar Naik	Assistant Professor	NPTEL Elite Certificate for Digital Circuits Topper of 2% in this course
2018-2019	Pankaj Agrawal	Assistant Professor	NPTEL Elite Certificate for Op-Amp Practical Applications: Design, Simulation and Implementation Topper of 1% in this course
2018-2019	Qazi Hasan Yasir	Assistant Professor	NPTEL Elite Certificate for Technical english for engineers Topper of 5% in this course
2018-2019	Nupur Verma	Assistant Professor	NPTEL Elite+gold Certificate for Electronic Waste Management - Issues And Challenges
2018-2019	Juhi Pruthi	Assistant Professor	NPTEL Elite+gold Certificate for Introduction to Internet of Things
2018-2019	Pooja Agrawal	Assistant Professor	NPTEL Elite+gold Certificate for Introduction to Internet of Things
2018-2019	Awadhesh Gupta	Assistant Professor	NPTEL Elite+gold Certificate for Principles of Signals and Systems Topper of 1% in this course
2018-2019	Aruna Chouhan	Assistant Professor	NPTEL Elite+gold Certificate for Microprocessors and Microcontrollers Topper of 1% in this course
2018-2019	Chaitanya Dhopte	Assistant Professor	NPTEL Elite+gold Certificate for Digital Circuits Topper of 1% in this course
2018-2019	Akanksha Gupta	Assistant Professor	NPTEL Elite+gold Certificate for Digital Circuits Topper of 1% in this course
2018-2019	Julie Kumari	Assistant Professor	NPTEL Elite+gold Certificate for Introduction to Automata, Languages and Computation Topper of 5% in this course
2018-2019	Namrata Agrawal	Assistant Professor	NPTEL Elite+gold Certificate for Topper of 5% in this course
2018-2019	Jyoti Vimal	Assistant Professor	NPTEL Elite+gold Certificate for Basics of Finite Element Analysis - I Topper of 2% in this course
2018-2019	Shikha Jha	Assistant Professor	NPTEL Elite Certificate for Introduction to Biostatistics
2018-2019	Shyamveer Singh Chauhan	Assistant Professor	NPTEL Elite Certificate for Integrated Waste Management for a Smart City
2018-2019	Shyamveer Singh Chauhan	Assistant Professor	NPTEL Elite Certificate for Wastewater Treatment and Recycling
2018-2019	Aditya Kumar Agarwal	Assistant Professor	NPTEL Elite Certificate for Wastewater Treatment and Recycling
2018-2019	Pallavi Gupta	Assistant Professor	NPTEL Elite Certificate for Switching Circuits and Logic Design
2018-2019	Namrata Agrawal	Assistant Professor	NPTEL Elite Certificate for Switching

			Circuits and Logic Design
2018-2019	Namrata Agrawal	Assistant Professor	NPTEL Elite Certificate for Data Base Management Systems
2018-2019	Dheeraj Gurjar	Assistant Professor	NPTEL Elite Certificate for Introduction to Machine Learning
2018-2019	Punit Kumar Johri	Assistant Professor	NPTEL Elite Certificate for Introduction to Machine Learning
2018-2019	Praveen Kumar	Assistant Professor	NPTEL Elite Certificate for Control Engineering
2018-2019	Awadhesh Gupta	Assistant Professor	NPTEL Elite Certificate for Principles of Digital Communications
2018-2019	Rakesh Kumar Naik	Assistant Professor	NPTEL Elite Certificate for Introduction to Wireless and Cellular Communications
2018-2019	Pankaj Agrawal	Assistant Professor	NPTEL Elite Certificate for Discrete Time Signal Processing
2018-2019	Rishabh Shukla	Assistant Professor	NPTEL Elite Certificate for Semiconductor Devices and Circuits
2018-2019	Santosh Sharma	Assistant Professor	NPTEL Elite Certificate for Digital Circuits
2018-2019	Pratigya Pathak	Assistant Professor	NPTEL Elite Certificate for Digital Circuits
2018-2019	Rakesh Kumar Naik	Assistant Professor	NPTEL Elite Certificate for Digital Circuits
2018-2019	Pankaj Agrawal	Assistant Professor	NPTEL Elite Certificate for Op-Amp Practical Applications: Design, Simulation and Implementation
2018-2019	Qazi Hasan Yasir	Assistant Professor	NPTEL Elite Certificate for Technical english for engineers
2018-2019	Sanjeev Khanna	Associate Professor	NPTEL Elite Certificate for Visual Perception and Art: A Survey Across the Cultures
2018-2019	Shweta Shrivastava	Assistant Professor	NPTEL Elite Certificate for Introduction to Abstract and Linear Algebra
2018-2019	Amit Soni	Assistant Professor	NPTEL Elite Certificate for Engineering Metrology
2018-2019	Vedansh Chaturvedi	Assistant Professor	NPTEL Elite Certificate for Introduction to Abrasive Machining and Finishing Processes

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ Year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
Civil Engineering	CE	VIII Sem.	01/05/2019	28/05/2019
Mechanical Engineering	ME			
Electrical Engineering	EE			
Electronics Engineering	EC			
Computer Science & Engineering	CSE			

Chemical Engineering	CM			
Biotechnology	BT			
Automobile Engineering	AU			
Electronics & Telecommunication Engineering	ET			
Information Technology	IT			
Civil Engineering	CE	VI Sem.	10/05/2019	10/06/2019
Mechanical Engineering	ME		24/05/2019	
Electrical Engineering	EE			
Electronics Engineering	EC			
Computer Science & Engineering	CSE			
Information Technology	IT			
Chemical Engineering	CM			
Biotechnology	BT			
Automobile Engineering	AU			
Electronics & Telecommunication Engineering	ET			
Civil Engineering	CE	IV Sem.	30/05/2019	10/06/2019
Mechanical Engineering	ME			
Electrical Engineering	EE			
Electronics Engineering	EC			
Computer Science & Engineering	CSE			
Information Technology	IT			
Chemical Engineering	CM			
Biotechnology	BT			
Automobile Engineering	AU			
Electronics & Telecommunication Engineering	ET			
Information Technology	IT	II Sem.	24/05/2019 (Group B)	10/06/2019
Civil Engineering	CE			
Mechanical Engineering	ME			
Chemical Engineering	CM			
Biotechnology	BT			
Automobile Engineering	AU		26/05/2019 (Group B)	
Electrical Engineering	EE			
Electronics Engineering	EC			
Computer Science & Engineering	CSE			
Information Technology	IT			
Electronics & Telecommunication Engineering	ET			

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year **Do not include re-evaluation/ re-totalling*

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Question Paper Feedback : 295	10794 Students	2.73%

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://mitsgwalior.in/deptdetails.php>

2.6.2 Pass percentage of students

Programme Code	Programme Name	Number of students appeared in the final year examination	Number of students passed in final Semester /year examination	Pass Percentage
B.E. (Final Year)	Civil Engineering	136	131	96%
	Mechanical Engineering	133	130	97%
	Electrical Engineering	124	124	100%
	Electronics Engineering	123	118	95%
	Computer Science & Engineering	130	123	94%
	Information Technology	65	59	90%
	Chemical Engineering	53	52	98%
	Biotechnology	7	7	100%
	Automobile Engineering	58	58	100%
	Electronics & Telecommunication Engineering	57	57	100%
B. Arch. (Final Year)	Architecture	40	40	100%
MCA (Final Year)	Master in Computer Application	60	60	100%
M.E. (Final Year)	Construction Technology & Management	18	18	100%
	Construction Technology & Management (PT)	3	3	100%
	Structural Engineering	7	7	100%
	Communication Control & Networking	12	12	100%
	Industrial Systems & Drives	11	11	100%
	Measurement and Control	3	3	100%
	Material Handling	1	1	100%
M.Tech. (Final Year)	Environmental Engineering	7	7	100%
	Cyber Security	3	3	100%
	Computer Science & Engineering	5	5	100%
	Information	3	3	100%

	Technology			
	Microwave Engineering	4	4	100%
	Production Engineering	7	7	100%
	Biotechnology	1	1	100%

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://ims.mitsgwalior.in>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Promotion of Research and Facilities

3.1.1 The institution provides seed money to its teachers for research, : **Yes**
(if yes give details)

The institute has launched Innovative Research Scheme (IRS) in year 2018-19. The proposals were invited from faculty members and scrutiny and sanction is in process.

Name of the teacher getting seed money	The amount of seed money	Year of receiving grant	Duration of the grant

3.1.2 Teachers awarded National/International fellowship for advanced studies/research during the year: **No**

	Name of the teacher awarded the fellowship	Name of the Award	Date of Award	Awarding Agency
National				
International				

3.2 Resource Mobilization for Research

3.2.1 Research funds sanctioned and received from various agencies, industry and other organizations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the year
Major Projects				
RPS-NDF	2018-2019	AICTE, New Delhi	1100000	1090000
GOC	2018-2019	AICTE, New Delhi	500000	500000
RPS-NDF	2018-2019	AICTE, New Delhi	2175000	2142375
PRERANA	2018-2019	AICTE, New Delhi	730000	730000
MODROB	2018-2019	AICTE, New Delhi	1749000	1749000
CRS	2018-2019	MHRD, New Delhi	1377000	1377000
CRS	2018-2019	MHRD, New Delhi	1464000	1464000
CRS	2018-2019	MHRD, New Delhi	1735000	1735000
CRS	2018-2019	MHRD, New Delhi	1964000	1964000
CRS	2018-2019	MHRD, New Delhi	2183000	2183000
CRS	2018-2019	MHRD, New Delhi	1290000	1290000
CRS	2018-2019	MHRD, New Delhi	716000	716000
CRS	2018-2019	MHRD, New Delhi	1058000	1058000
CRS	2018-2019	MHRD, New Delhi	1487000	1487000
CRS	2018-2019	MHRD, New Delhi	1157000	1157000
CRS	2018-2019	MHRD, New Delhi	885000	885000
Minor Projects				
Interdisciplinary Projects				
Industry sponsored Projects				
Projects sponsored by the				

University/ College				
Students Research Projects (other than compulsory by the College)				
International Projects				
Any other(Specify)	2018-2019			
1. Solar Power Plant 100kW		1. Azure Power Five Lid., New Delhi		4200000
2. Water Treatment Plant		2. Ahemdabad		850000
3. DG Set		3. Mahindra		1700000
4. BMW Engine		4. BMW India		3500000
			Total -	10250000.00
Total			21570000.00	31777375.00

3.2.2 Number of **ongoing research projects** per teacher funded by government and non-government agencies during the years (0.086) **19/219**

(Report enclosed as Annexure - VII)

3.3 Innovation Ecosystem

3.3.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
One Day Workshop "Disaster: Risk and Management"	Civil Engineering	11/10/2018
Workshop Application of Mendeley software in research work	Mechanical Engineering	10th Oct, 2018
Workshop Advanced Manufacturing System		27-28th Oct, 2018
Workshop Soccer Bot League		22-24th Aug. 2018
Workshop Advanced Optimization Techniques and Research Directions	Electrical Engineering	16-17/02/19
Workshop Entrepreneurship Development Program in Solar PV Energy		28/07/18
Workshop How to Write Patent		21/07/18
Workshop Artificial Intelligence		17/03/18
Workshop Design of Microwave Circuits	Electronics Engineering	28-29 Sep. 2018
National Workshop (under TEQIP-III) Soft Computing Techniques and its Applications	Computer Science and Engineering/Information Technology	Jan 18-19, 2019
Three Week Workshop under Infosys Campus Connect Program in Collaboration with Code War Club "Introduction to Programming and Problem Solving in Python"		Sep. 18-Oct 11, 2018

3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year : NA

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category

3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year : NA

Incubation Centre	Name	Sponsored by

Name of the Start-up	Nature of Start-up	Date of commencement

3.4 Research Publications and Awards

3.4.1 Ph.D. awarded during the year : 05

Name of the Department	No. of Ph.D. Awarded
Mechanical Engineering	01
Electrical Engineering	03
Electronics Engineering	01

3.4.2 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
National	Civil Engineering	01	
	Mechanical Engineering	09	
	Electrical Engineering	02	
	Electronics Engineering	39	
	CSE/IT	02	
	Chemical Engineering	-	
	Biotechnology	-	
	Applied Sciences	09	
	Humanities	01	
	Architecture	01	
International	Civil Engineering	22	6.70
	Mechanical Engineering	07	5.29
	Electrical Engineering	06	6.64
	Electronics Engineering	16	4.93
	CSE/IT	25	4.29
	Chemical Engineering	07	6.171
	Biotechnology	02	0.56
	Applied Sciences	13	1.51
	Humanities	01	
	Architecture	08	7.16

RESEARCH PUBLICATIONS IN THE JOURNALS IS ENCLOSED (ANNEXURE – XVII)

3.4.3 Books and Chapters in edited Volumes/Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of Publication
Civil Engineering	01
Mechanical Engineering	05
Electrical Engineering	02
Computer Science and Engineering/Information Technology	03
Applied Sciences	01

BOOK CHAPTER/eBOOK PUBLISHED IS ENCLOSED (ANNEXURE – XVIII)

3.4.4 Patents published/awarded during the year

S. No.	Patent Title	Applicant	Year of Application	Application No.
Mechanical Engineering				
1.	Method and Apparatus for Controlling the Temperature of Solar Dryer”	1. Dr. Manoj Kumar Gaur 2. Dr.R.K.Pandit 3. Gaurav Saxena 4. Anand Kushwah 5. Mrs.Parul Saxena	2019	201921001878
2.	A Mobile Phone Charger with Flexible Mobile Phone Stand	1. Dr. Pratesh Jayaswal 2. Dr. Sunita Sharma	2019	201921017792
3	Low cost waste Paper Material Pulping machine for recycling purpose	1. Sunil Dohare 2. Ajay Vardhan 3. Brijendra Kumar Gond 4. Prashant Sharma 5. Dr. S. K. Dhakad 6. Prof. (Dr.) R S Rajput 7. Arvind Kaushal 8. Prof (Dr.) C S Malvi	2019	201921029356
4	Application for Heating Automotive/ Industrial coolant using solar evacuated tubes and system of the same	1. Gaurav Saxena 2. Dr. Manoj Kumar Gaur 3. Ashutosh Sharma 4. Abhishek Gakare 5. Anand Kushwah	2018	201821045563
5	Pedal Operated Herbal Mosquito Repellent Coil Making Machine	1. Kautuk Mishra, 2. Milind Omendra	2018	21421

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/Indian Citation Index Papers (published in 2017-18)

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
An Overview and Comparative Analysis of Recent Bio-	Hari Mohan Dubey, Manjaree	Swarm and Evolutionary Computation	2018	12	Yes	15

Inspired Optimization techniques for wind integrated multi-objective power dispatch	Pandit, Bijaya K Panigrahi					
Survivability Using Traffic Balancing and Backup Resource Reservation In Multi-Domain Optical Networks	Deepak Batham, Dharmendra Singh Yadav, Shashi Prakash	International Journal of Communication Systems	2018	-	Yes	2
Efficient Resource Provisioning Using Traffic Balancing in Multi-Domain Optical Networks	Deepak Batham, Dharmendra Singh Yadav, Shashi Prakash	International Journal of Communication Systems	2017	-	Yes	7
Least Loaded And Route Fragmentation Aware RSA Strategies for Elastic Optical Networks	Deepak Batham, Dharmendra Singh Yadav, Shashi Prakash	Optical Fiber Technology	2017	-	Yes	8
A Texture Based Mani-Fold Approach for Crowd Density Estimation Using Gaussian Markov Random Field	Sonu Lamba, Neeta Nain	Multimedia Tools and Applications	2018	-	Yes	4
Robust Watermarking Scheme Using Weber Law for 3D Mesh Models	L. Jani Anbarasi, Modigari Narendra	The Imaging Science Journal	2017	-	Yes	4
Novel Study on Biodegradation of Malathion and Investigation of Mass Transfer Correlation Using Alginate Beads Immobilized Bacillus sp. S4 in Bioreactor	S.R. Geed*, M.K. Kureel, S. Prasad, R.S. Singh, B.N. Rai	Journal of Environmental Chemical Engineering	2018	-	Yes	6
Biodegradation of Waste Water in Alternating Aerobic-Anoxic Lab Scale Pilot Plant by Alcaligenes sp. S3 Isolated from Agricultural Field	S.R. Geed, Sachin Prasad, M.K. Kureel, R.S. Singh, B.N. Rai	Journal of Environmental Management	2018	-	Yes	7
Roping: Is it an Optimum Dewatering Performance Condition in a	R.K. Dubey, G. Singh, A.K. Majumder	Powder Technology	2017	-	Yes	1

Hydrocyclone?						
Novel Study on Biodegradation of Malathion and Investigation of Mass Transfer Correlation Using Alginate Beads Immobilized Bacillus sp. S4 in Bioreactor	S.R. Geed, M.K. Kureel, S. Prasad, R.S. Singh, B.N. Rai	Journal of Environmental Chemical Engineering	2018	-	Yes	6
Promotion of Shoot Regeneration of Swertia Chirata by Biosynthesized Silver Nanoparticles and their Involvement in Ethylene Interceptions and Activation of Antioxidant Activity	S. Dutta Gupta N. Saha	Plant Cell Tissue and Organ Culture	2018	-	Yes	4
Structural Investigations on Mechanism of Lapatinib Resistance Caused by HER-2 Mutants	Sharad Verma, Sukriti Goyal, Anchala Kumari, Aditi Singh, Salma Jamal, Abhinav Grover	Plos One	2018	7	Yes	2
Insight into the Inhibitor Discrimination by FLT3 F691L	Sharad Verma, Aditi Singh, Anchala Kumari, Bharati Pandey, Salma Jamal, Sukriti Goyal, Siddharth Sinha, Abhinav Grover	Chemical Biology and Drug Design	2018	7	Yes	5
Stem Cells: An Approach for Treatment of Atherosclerosis	Vinod Kumar Jatav, Sunita Sharma	Asian J Pharm Clin Res	2018	2	Yes	0
Asymmetrically CPW-Fed Ladder-Shaped Fractal Antenna For UWB Applications	S. Singhal and A. K. Singh	Analog Integrated Circuits and Signal Processing	2017	4	Yes	2

Hexagonal Tree Shaped Fractal Antenna for UWB Applications	S. Singhal, T. Goel and A. K. Singh	International Journal of Electronics Letters	2017	4	Yes	1
Multiport MIMO Antennas with Mutual Coupling Reduction Techniques for Modern Wireless Trans receive Operations: A Review	S. Chouhan, D. K. Panda, M. Gupta and S. Singhal	International Journal of RF and Microwave Computer-Aided Engineering	2018	4	Yes	11
Meander Line MIMO Antenna for 5.8 GHz WLAN Application	S. Chouhan, D. K. Panda, M. Gupta and S. Singhal	International Journal of RF and Microwave Computer-Aided Engineering	2018	4	Yes	3
Folded-Slot Active Tag Antenna For 5.8 GHz RFID Applications	S. Bhaskar, S. Singhal and A. K. Singh	Progress in Electromagnetics Research C	2018	4	Yes	5
A State-of-the-art Current Mirror-Based Reliable Wide Fan-In Fin FET Domino or Gate Design Authors	Vikas Mahor, Manisha Pattanaik	Circuits, Systems, and Signal Processing	2018	2	Yes	6
Octagonal Sierpinski Band Notched Super Wideband Antenna With Defected Ground Structure and Symmetrical Feeding	S. Singhal	Journal of Computational Electronics, Springer	2018	4	Yes	1
An Aging-Aware Reliable Fin FET-Based Low-Power 32-Word \times 32-bit Register File Authors	Vikas Mahor, Manisha Pattanaik	Circuits, Systems, and Signal Processing	2017	2	Yes	1
Design and Development of Microstrip Sensor with Triple Frequency for Determination of Rice Grain Moisture Content	Sweetie Jain, Dr. Vandana Vikas Thakre, Pankaj Kumar Mishra	International Journal of Mechanical and Production Engineering Research and Development	2017	6	Yes	2
Asymmetrically CPW-Fed Ladder-Shaped Fractal Antenna for UWB Applications	S. Singhal and A. K. Singh	Analog Integrated Circuits and Signal Processing	2017	4	Yes	2
Multiport MIMO Antennas with Mutual Coupling Reduction Techniques for Modern Wireless Trans receive Operations: A Review	S. Chouhan, D. K. Panda, M. Gupta and S. Singhal	International Journal of RF and Microwave Computer-Aided Engineering	2018	4	Yes	11

Acoustic domain classification and Recognition Through Ensemble Based Multilevel Classification	Sandeep Rathore, R.S. Jadon	Journal of Ambient Intelligence and Humanized Computing	2018	-	Yes	3
An Insight into Rare Class Problem: Analysis and Potential Solution	Satyam Maheshwri, R.C. Jain, R.S. Jadon	Journal of Computer Science	2018	-	Yes	0
Meander Line MIMO Antenna for 5.8 GHz WLAN Application	S. Chouhan, D. K. Panda, M. Gupta and S. Singhal	International Journal of RF and Microwave Computer-Aided Engineering	2018	4	Yes	3
Static and Dynamic Analysis of Cable-Suspended Concrete Beams	Pankaj Kumar, Abhijit Ganguli, Gurmail S. Benipal	Structural Engineering and Mechanics	2017	-	Yes	0
Energy Efficient Buildings	Dr. Alok Sharma	IJIRMPS	2018	-	Yes	0
Cumulative Influence of Nano Particles on MMCs' time-Temperature History Curve	Dr C S Malvi	Nanomaterials and Energy	2017	-	Yes	5
Urban sprawl Analysis Using GIS Applications for Jabalpur City	Dr. Alok Sharma	IRJET	2018	-	Yes	0
Experimental Investigation of Heat Removal Factor in Solar Flat Plate Collector for Various Flow Configurations	C S Malvi	International Journal of Green Energy	2017	5	Yes	4
Stem Cells: An Approach for Treatment of Atherosclerosis	Vinod Kumar Jatav, Dr. Sunita Sharma	Asian Journal of Pharmaceutical and Clinical Research	2018	-	Yes	0
Transit Oriented Development	Avinesh Bhadouria, Dr. Alok Sharma	IJIRMPS	2018	-	Yes	0
Urban Planning Strategies for Social and Religious Conventions : Approach for Smart and Temporary Services	Dr. Alok Sharma, Ashish Choudhary	Journal of Advanced Research in Construction and Urban Architecture	2018	-	Yes	0
Gradient Evolution-Based Counter	Uday Pratap Singh,	Soft Computing	2018	6	Yes	2

Propagation Network for Approximation of Noncanonical System	Sanjeev Jain, Akhilesh Tiwari, Rajeev Kumar Singh					
Thermodynamic Analysis and Analytical Simulation of the Modified Stirling Cycle	Ravi Kant Ranjan, Suresh Kant Verma	Journal of Mechanical Engineering Research and Developments	2017	-	Yes	0

3.4.6 h-index of the Institutional Publications during the year. (Based on Scopus/Web of Science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
A New Technique of Gear Mesh Stiffness Measurement Using Experimental Modal Analysis	Raghuwanshi N.K., Parey A	Journal of Vibration and Acoustics, (ASME)	Apr. 2019	0	1	Yes
Diagnosis and Classifications of Bearing Faults Using Artificial Neural Network and Support Vector Machine	Pavan Agarwal, Pratesh Jayaswal	Journal of Institution of Engineers India Series. C, Springer	June 2019	6	2	Yes
Selection of Best Classification Algorithm for Fault Diagnosis of Bearing using Vibration Signature Analysis	Pratesh Jayaswal, Pavan Agrawal	International Journal of Innovative Technology and Exploring Engineering	Mar. 2019	6	0	Yes
Face Detection Using Kernel SVM Learning Technique with HOLBP-Dominant Color Descriptor	Parul Saxena	Journal of Applied Science and Computations	Oct. 2018	0	0	Yes
Sustainable City Development through Smart	Priya Gupta	Emerging Trends in Architecture	Mar. 2019	0	0	Yes

City Mission in India-Case Study of Gwalior		Planning, and Design “ArchiFuture - 2040”				
Graphene in Nanosolar Cell	Harshika Suman, Anish P. Jacob, Dr. C. S. Malvi	International Journal of Advanced Engineering Science and Technological Research (IJAESTR)	Dec. 2018	0	0	Yes
Emergent D-Instanton as a source of Dark Energy	Deobrat Singh, Supriya Kar	Brazilian Journal of Physics	Apr. 2019	1	0	Yes
CFT6 Bulk/Boundary AdS ₅ Correspondence and Emergent Gravity;	R. Nitish, Deobrat Singh, Supriya Kar	Physica Scripta	Apr. 2019	1	2	Yes
Critical Pedagogy in Digital Era: Understanding the Importance of Arts & Humanities for Sustainable IT Development	Mr. Valiur Rahaman (NPIU) RK Pandit	ELSEVIER SSRN published Proceedings of International Conference on Digital Pedagogies (ICDP) 2019	May 2019	0	0	Yes
Experimental Study of Sulphate Attack on Steel Embedded in Reinforced Concrete	A.S. Trivedi, S.S. Bhadauria, S.K. Jain	Journal of the Institution of Engineers	Feb. 2019	8	0	Yes
Relay co-ordination optimization for integrated solar photo-voltaic power distribution grid	Aayush Shrivastava, Devender Kumar Saini and Manjaree Pandit	Cogent Engineering	April 2019	20	0	Yes
A State-of-the-Art Current Mirror-Based Reliable Wide Fan-in FINFET Domino or Gate Design	Dr. Vikash Mahor	Journal of Circuits, Systems, and Signal Processing (SPRINGER)	2018	2	5	Yes
Survivability Using Traffic Balancing and	Prof. Deepak Batham	International Journal of Communication	Oct. 2018	0	0	Yes

Backup Resource Reservation in Multi-Domain Optical Networks		Systems (WILEY)				
Compressive Sensing	Prof. Abhilasha Sharma	International Journal of Engineering Technologies & Management Research	2018	0	0	Yes
A Framework for Fuzzy Modelling In Agricultural Diagnostics,	Prateek Pandey, Ratnesh Litoriya, Akhilesh Tiwari	Journal Européen Des Systèmes Automatisés	2018	9	0	Yes

CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR OF JOURNALS IS ENCLOSED (ANNEXURE – XIX)

3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/Workshops /STTP/Conferences	08	76	34	184
Presented papers	04	07	-	-
Resource Persons	01	14	06	11

FACULTY ATTENDED & PRESENTED TRAINING/CONFERENCE/WORKSHOP ETC. IS ENCLOSED (ANNEXURE – XX(A))

INVOLVEMENT OF FACULTY AS RESOURCE PERSONS IS ENCLOSED (ANNEXURE – XX(B))

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s)/ department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil Engineering	From Testing in SM Lab	-	125866.00
	From Testing in Concrete Lab	-	286018.00
	From Testing in Soil Lab	-	508658.00
	From Testing in PHE Lab	-	43000.00
	From Testing in Highway Lab	-	501641.00
Electrical Engineering	Equip. Testing	M/s Takshila Taxtiles Pvt. Ltd., Gwalior	3688.00
	Equip. Testing	M/s S & S Engineers., Gwalior	1476.00
	Oil Testing	M/s V R S Foods Ltd., Malanpur	5016.00

Equip. Testing	M/s Engipress Industries Ltd., Gwalior	2213.00
Oil Testing	M/s Punj Lloyd Ltd., Gwalior	4296.00
Equip. Testing	M/s R S Chauhan , Gwalior	4604.00
Equip. Testing	M/s Bluelotus teleinfra P Ltd., Gwalior	4604.00
Oil. Testing	M/s Chief manager SBI, Gwalior	1074.00
Oil Testing	M/s Rainbow Light, Gwalior	3836.00
Equip. Testing	M/s Kumar Engg. Service, Gwalior	4604.00
Equip. Testing	M/s Om Electrical, Gwalior	4602.00
Equip. Testing	M/s Devendra K Yadav Morena	3070.00
Oil Testing	M/s The Supreme Industries, Malanpur	2148.00
Equip. Testing	Ms Santosh Karan , Gwalior	3068.00
Equip. Testing	M/s Sh. Harbeer Singh Gwalior	4604.00
Equip. Testing	M/s Bluelotus teleinfra P Ltd., Gwalior	1534.00
Oil Testing	M/s Kumar Engg. Service, Gwalior	1074.00
Oil Testing	M/s Pee Cee Cosma Sope Ltd., Malanpur	1074.00
Equip./Oil Testing	M/s Tripti Alcobrew Pvt. Ltd.Banmore.	8284.00
Equip. Testing	M/s Sanjeev Upadhyay Gwalior	4604.00

3.5.2 Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
EDC Cell				
Dr. P.S. Bhadouria Mr. Jitendra Aran	Assistant Electrician (Construction)	AICTE, New Delhi sponsored	1770000.00 Approx.	25
Mr. Jeetendra Bhartiya	Field Technician – Computing and Peripherals	[Pradhan Mantri Kaushal Vikas Yojna for Technical Institution (PMKVY-TI)]	[Approx. 3.25 lacs bill submitted for 1 st Installment]	25
Mr. Pankaj Singhal	Maintenance of Personal Electronics Device (Mobile Repairing)			25
Mr. Pankaj Singhal	Maintenance of Personal Electronics Device (Mobile Repairing)	Nagar Nigam, Gwalior	3187500.00 Approx.	20
Mr. Satish Sharma	Repairing and Maintenance of Domestic Electronic AC/Refrigeration	[National Urban Livelihood Mission – MP]	[Approx. 7.00 lacs bill submitted	20

Mr. Mohan Kumar	Repairing and Maintenance of Domestic Electronic AC/Refrigeration		(2.56 lacs released)]	20
Mr. Satish Sharma	Repairing and Maintenance of Domestic Electronic AC/Refrigeration			20
Mr. Akshat Agarwal	Web Designing and Publishing Assistant			19
Mr. Jeetu Kushwah	Computer Hardware Assistant			20
Mr. Mohan Kumar	Repairing and Maintenance of Domestic Electronic AC/Refrigeration			20
Mr. Jeetendra Bhartiya Mr. Akshat Agarwal	Technical Entrepreneurship Development Programme – 3 Nos.	DST, New Delhi sponsored	2200000.00	75
Mr. Kaushlendra Singh Bhadouria	Entrepreneurship Development Programme – 3 Nos.	[Entrepreneurship Development Programmes]	[1760000.00 (440000.00 to be released)]	75
Mr. Kaushlendra Singh Bhadouria	Entrepreneurship Awareness Camp – 8 Nos.			640
Dr. P.S. Bhadouria	Faculty Development Programme			27
Dr. P.S. Bhadouria	TIE : Technology, Innovation and Entrepreneurship			80

3.6 Extension Activities

3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising Unit/ agency/collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities
Plantation Programme	NSS, MITS Unit and CSE & IT Department	41	(First year students) 150
Motivation Lecture on Eye Donation	NSS, MITS Unit and Bio Technology department	41	120
Rally on Swachchhata Pakhawada	NSS, MITS Unit and Electronics Engineering department	Prof. Deep Kishor Parsetia Prof. Pooja Sahu and NSS Unit MITS with programme officer were participated	287 students/ volunteers
NSS Day	NSS, MITS Unit	Dr. Manish Sagar	318 volunteers
One Day Camp	NSS, MITS Unit, Red Ribbon Club and MCA department	Dr. Manish Sagar Prof. Parul Saxena	48 volunteers
Blood Donation Camp	NSS, MITS Unit and Red Ribbon Club	Prof. Parul Saxena	05 Faculty, 06 Staff & 150 students
Swachchhaya Bharat Abhiyan Rally	NSS, MITS Unit and Electrical Engineering department	Prof. Vishal Choudhari	244 students
Literacy cum	NSS, MITS Unit	Prof. Swati Gupta	35 NSS volunteers

Awareness Programme			
Health Awareness and Check-up Camp	NSS, MITS Unit and Civil Engineering department	Prof. D. Rastogi	150 volunteers
Dental Camp	NSS, MITS Unit , Red Ribbon Club and Mechanical Engineering department	Prof. Amit Aherwar Prof. Bhupendra Pandey	150 volunteers
National Youth Day Rally	NSS, MITS Unit	NSS Program Officer and Prof. Amit Aherwar	16 volunteers
National Youth Parliament	NSS, MITS Unit	Dr. Manish Sagar	03 volunteers
Traffic Awareness Programme	NSS, MITS Unit	Prof. Swati Gupta and NSS Programm Officer	55 students
Awareness Program on Engineering/ Technical Education	NSS, MITS Unit	Prof. Pooja Sahu and NSS Programm Officer	28 students
One Day Camp for Distribution of Stationary	NSS, MITS Unit and Electronics department	Prof. Pooja Sahu Prof. Deep Kishor Parsetia and NSS Programm Officer	41 students
Environmental Awareness Programme	NSS, MITS Unit	Prof. Deepak Rastogi and NSS Programm Officer	35 students
Perna Samvand at LNIP	NSS, MITS Unit	Prof. Deep Kishor Parsetia and NSS Programm Officer	24 students
Matdata Jagrukta	NSS, MITS Unit	Prof. Deep Kishor Parsetia and NSS Programm Officer	52 students
Donation of Drawing Sheet	NSS, MITS Unit and CSE&IT department	Prof. Khushboo Agrawal, Prof Jamvant Kumare and NSS Programm Officer	52 students
Rally on AIDS Awareness	NSS Unit, Red Ribbon Club and Electronics Department	Prof. Pooja Sahu Prof. Deep Kishor Parsetia and NSS Programm Officer	155 students
Gender Equality on Mahila Diwas	NSS Unit, Red Ribbon Club and Mechanical Engineering department	Prof. Amit Aherwar Prof. Bhupendra Pandey	25 students
Anti Tabacoo Seminar	NSS, Red Ribbon Club, Mechanical and Electronics department	Prof. Amit Aherwar Prof. Pooja Sahu	120 students

(Report enclosed as Annexure - XIII)

3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year : **NA**

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited

3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising Unit/ agency/ collaborating agency	Name of the activity	Number of teachers co-ordinated such activities	Number of students participated in such activities
Swachha Bharat	NSS, MITS Unit and Electronics Engineering department	Rally on Swachchhata Pakhawada	NSS Unit MITS with programme officer were participated 04	287 students/ volunteers
Swachha Bharat	NSS, MITS Unit and Electrical Engineering department	Swachchhaya Bharat Abhiyan Rally	04	244 students
Literacy Programme	NSS, MITS Unit	Literacy cum Awareness Programme	04	35 NSS volunteers
Traffic Awareness Programme	NSS, MITS Unit	Traffic Awareness Programme	02	55 students
AIDS Awareness	NSS Unit, Red Ribbon Club and Electronics Department	Rally on AIDS Awareness	Prof Pooja Sahu, Madhav Singh, Deep Kishor Parsetia and NSS Programm Officer 04	155 students
Gender Equity	NSS Unit, Red Ribbon Club and Mechanical Engineering department	Gender Equality on Mahila Diwas	06	25 students
Anti Tabacoo Drive	NSS, Red Ribbon Club, Mechanical and Electronics department	Anti Tabacoo Seminar	Prof Amit Aherwar and Prof Pooja Sahu 02	120 students

3.7 Collaborations

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year : No

Nature of Activity	Participant	Source of financial support	Duration

3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Civil Engineering				
Internship, Industry Visit, Project	MoU	Engipress Industries Ltd.	13 Aug. 2018 – 12 Aug. 2019	B.E. 2 nd & 3 rd Year Students : 50 Nos.

Sharing of Research facilities, Internship	MoU	CSIR – CBRI Rorkee	Sept. 2017 – Sept. 2019	M.E. CTM & M.E. Structural Students : 05 Nos.
Mechanical Engineering				
Industrial	Industrial Training	Aditya Birla Grasim	10/06/19 to 10/07/19	2
		Air India Engineering Services	17/06/19 to 16/07/19	1
		Army Base Workshop (Ordnance Factory)	13/06/19 to 10/07/19	1
		Ashish Enterprises	25/06/19 to 24/07/19	
		Bharat Oman Refineries Ltd.	30/05/19 to 13/06/19	1
		BHEL Bhopal	03/06/19 to 14/08/19	12
		BHEL Jhansi	29/05/18 to 13/07/18	5
		Birla Cable Limited	01/06/19 to 30/06/19	1
		Caparo Engineering India Limited	01/06/19 to 29/06/19	1
		Carriage and Wagon Training Centre, Jhansi	28/06/19 to 27/07/19	2
		Central Farm Machinery Training and Testing Institute	05/06/18 to 29/06/18	1
		Central Railway Loco Workshop, Parel, Mumbai	03/06/19 to 29/06/19	1
		CG Power and Industrial Solutions Limited	01/06/19 to 30/06/19	4
		Chattisgarh State Electricity Generation Company	11/06/19 to 09/07/19	2
		CIPET Gwalior	17/06/19 to 13/07/19	2
		Continental Engines Limited	01/05/19 to 30/05/19	2
		Diesel Locomotive Works, Varanasi	06/06/18 to 03/07/18	2
		Diesel Locoshed Gwalior	10/06/19 to 09/07/19	4
		Diesel Locoshed Itarasi	10/06/19 to 24/06/19	1
		Dilip Buildcon	01/06/19 to 05/07/19	1
Force Motors	17/07/19 to 16/08/19	1		
Gandhisagar Hydropower Station	01/06/19 to 30/06/19	1		
Godrej Consumer Products Ltd.	11/06/19 to 11/07/19	1		

	HAL Kanpur	01/06/19 to 28/06/19	1
	HAL Nasik	01/06/19 to 28/06/19	1
	IOCL Patna Division	24/06/19 to 19/07/19	1
	Jamna Auto Industries Ltd.	01/05/19 to 15/07/19	16
	JBM Industries Limited, Faridabad	01/05/19 to 30/05/19	1
	JK Tyre and Industries Ltd.	01/06/19 to 10/07/19	7
	Kalisindh Thermal Power Project	17/06/19 to 15/07/19	1
	L&T Heavy Engineering	10/06/19 to 10/08/19	1
	Ladakh Autonomous Hill Development Council, Kargil	03/07/19 to 22/08/19	1
	Maihar Cement	01/05/19 to 30/05/19	1
	MOIL Limited	14/07/19 to 14/08/19	2
	MP Power Generating Company,	17/06/19 to 16/07/19	4
	NMDC Limited	04/06/19 to 03/07/19	2
	NTPC Darlipali	01/07/19 to 23/07/19	2
	NTPC Singrauli	01/07/19 to 23/07/19	1
	NTPC Vindhyachal	01/06/19 to 29/06/19	1
	Prayagraj Power Generation Company Ltd.	01/06/19 to 30/06/19	1
	Q H Talbros Pvt Ltd	04/06/19 to 03/07/19	1
	S.G.S Motors, Gwalior (TATA Motors)	06/06/19 to 05/07/19	4
	SRF Limited	07/06/19 to 07/07/19	1
	Surya Roshni Ltd. Malanpur	21/05/19 to 23/07/19	7
	TATA Motors Gwalior	01/06/19 to 30/06/19	4
	Vehicle Factory Jabalpur	03/06/19 to 03/07/19	1
	Volvo Eicher Vehicles	03/06/19 to 02/07/19	5
	Wagon Repair Shop, Jhansi	03/06/19 to 29/06/19	1
	West Central Railway Jabalpur	12/06/19 to 12/07/19	1

		Western Railway Jabalpur Division	29/05/19 to 28/06/19	1
Industrial	Industrial Visits	Jamna Auto Industries, Malanpur	23/04/19	18
		Gayatri Auto	06/04/19	32
		Central School of Motor Transport (CSMT) - Tekanpur.	22/10/18	52
		Rail Spring Factory, Gwalior.	13/09/18	70
Electrical Engineering				
Twinning under TEQIP	Ph.D. work	DTU, Delhi	2018-2022	Mr. Praveen Bansal
Faculty Internship	Summer Internship	IIT, Delhi	May 2019-June 2019	Mr. Vishal Chaudhary
Faculty Internship	Summer Internship	IIT, Delhi	May 2019-June 2019	Mr. Vaibhav Shivhare
Electronics Engineering				
Industry (Signed MOU)	Industrial visit	Scientech, Indore	04/02/2019	Student, Faculty Staff
Industry (Signed MOU)	1. Industrial visit 2. Scholarship for full course to 2 meritorious and needy students.	Smart Control India Pvt. Ltd., Malanpur	06/10/2018	Student, Faculty Staff
Industry (Signed MOU)	Research Consultancy	ACE Technology, Hyderabad	One week in January 2019	Student, Faculty
Industry	Industrial visit	Surya Roshni Malanpur	29/09/2018	Student, Faculty Staff
CSE/IT				
Industry	Faculty and Student Training, Industry Visit	Infosys Ltd.	June 2018 to till date	Students, Faculty Members
Industry	Technical Internship, Collaborative Teaching and research, Collaborative Project Development	Praedico Global Research Pvt. Ltd., Delhi	August 2019 to Till Date	Students, Faculty Members
M.P. Govt. Agency	Application oriented Project Development for Societal Benefit	Madhya Pradesh Police Reform	July 2018 to till date	Students, Faculty Members
Academic	Faculty and Student Training, Internship	Bennett University, Greater Noida under the initiative of Deep Learning and AI Project	May 2018 to till date	Students, Faculty Members

3.7.3 MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU Signed	Purpose and Activities	Number of students/ teachers participated under MoUs
Electrical Engineering			
M/s Maa Sharda Structure & Supplier Pvt. Ltd., Gwalior	19.07.2018	1. Visit of 132 kV distribution substation at Chinor 2. Installed Conductive Concrete based MS TM Earth Electrode	Students – 50 Teachers – 02 Total = 52
Electronics Engineering			
Smart Controls India Pvt. Ltd.	14.11.2018	To conduct industrial training, orientation courses, industrial visits etc.	Students – 42 Teachers – 02 Total = 42
Scientech Technologies Private Limited.	12.11.2018	Research and development in the areas of communication engineering and IoT, Industrial Visit.	Students – 46 Teachers – 03 Total = 49
Ace Antenna India Private Limited, Hyderabad	11.09.2018	Research and development in the areas of Antenna and Microwave circuits, Training	Students – 02 Teachers – 03 Total = 05
CSE/IT			
Infosys Ltd.	Renewed in June 2018	1. Faculty Enablement Program on LEX based platform 2. Three Week Workshop under Infosys Campus Connect Program in Collaboration with CodeWar Club	Students – 20 Teachers – 04 Total = 24 Students – 41 Teachers – 01 Total = 42
Bennett University, Greater Noida	28 April 2018	Workshop on AI and Deep Learning	Teachers – 02 Total = 02
MP Police Reform	23 July 2018	Various Projects are under development	Students – 50 Teachers – 02 Total = 52
Applied Sciences			
ABVIITM Gwalior	October 2018	STC on Nano-Science and Technology	Students – 40 Teachers – 04 Total = 44

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
73750000/-	57870153/-

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	44.68 acre	-
Class rooms	31	11
Laboratories	60	05
Seminar Halls	02	06
Classrooms with LCD facilities	24	06
Classrooms with Wi-Fi/ LAN	24	06
Seminar halls with ICT facilities	04	07
Video Centre	-	01
Civil Engineering		
No. of important equipments purchased (\geq 1-0 lakh) during the current Year.	08 Nos.	13 Nos.
Value of the equipment purchased during the year (Rs. in Lakhs)	18,46,000/-	45,82,400/-
Mechanical Engineering		
No. of important equipments purchased (\geq 1-0 lakh) during the current Year.	30 Nos.	02 Nos.
Value of the equipment purchased during the year (Rs. in Lakhs)	1,37,89,791/-	27,45,388/-
Electrical Engineering		
No. of important equipments purchased (\geq 1-0 lakh) during the current Year.	-	19 Nos.
Value of the equipment purchased during the year (Rs. in Lakhs)	-	39,45,218/-
Electronics Engineering		
No. of important equipments purchased (\geq 1-0 lakh) during the current Year.	19 Nos.	04 Nos.
Value of the equipment purchased during the year (Rs. in Lakhs)	31,30,203/-	22,75,500/-
CSE/IT		
No. of important equipments purchased (\geq 1-0 lakh) during the current Year.	-	04 Nos.
Value of the equipment purchased during the year (Rs. in Lakhs)	-	15,00,000/-
Chemical Engineering		
No. of important equipments purchased (\geq 1-0 lakh) during the current Year.	05 Nos.	-
Value of the equipment purchased during the year (Rs. in Lakhs)	11,66,725/-	-
Applied Sciences		
No. of important equipments purchased (\geq 1-0 lakh) during the current Year.	-	02 Nos.
Value of the equipment purchased during the year (Rs. in Lakhs)	-	2,68,000/-

Humanities		
No. of important equipments purchased (\geq 1-0 lakh) during the current Year.	-	11 Nos.
Value of the equipment purchased during the year (Rs. in Lakhs)	-	12,14,220/-
Total No. of important equipments purchased (\geq 1-0 lakh) during the current Year.	62 Nos.	55 Nos.
Total Value of the equipment purchased during the year (Rs. in Lakhs)	1,99,32,719/-	1,65,30,726/-
Others		

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
KOHA	Fully	3.18	2014

4.2.1 Library Services

	Existing		Newly Added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	101886	10188600	-	-	101886	10188600
Reference Books	7512	3756000	45	32947	7527	3788947
e-Books	-	-	230	1100000	230	1100000
Journals	10	19240	9	19150	19	38390
e-Journals	515	566875	337	630039	852	1196914
Digital Database	-	-	-	-	-	-
CD & Video	NDL & NPTEL					
Library automation	Yes through Koha Software					
Weeding (Hard & Soft)	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc.

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content

All faculty members have uploaded Lecture Plans/Study Material/PPTs/Lecture Notes/Assignments/Quiz etc. on Institute MOODLE.

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computer	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	1129	14	100 MBPS of all Computers	14	01	06	08	100 MBPS	-
Added	102	-	-	-	-	-	-	-	-
Total	1231	14	100	14	01	06	08	100 MBPS	-

4.3.2 Bandwidth available of internet connection in the Institution (Leased line) ..MBPS /GBPS - 100 MBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Studio Room (Under development)	http://www.mitsgwalior.in

4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
94839000/-	77369720/-	1500000/-	499315/-

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

- Physical Infrastructure facilities like Laboratories, Library, Sports complex, Computer Centre etc., are maintained internally by Civil Maintenance Cell of the Institute. Being a Technical institution, there is Assistant Engineer, technical staff and time keeper etc., appointed in the Institute.
- Minor work is carried out by Labours and Artisans appointed on labour rates.
- Major maintenance work is carried out on contract through Annual Maintenance Contract System.
- Other than that for all the facilities like Library, Sports and Computer Centre, a separate maintenance groups are formed to maintain hard and soft structure existing these places.

<http://mitsgwalior.in/mci.php>

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution (Civil Engineering Department)	5% of Amount generated from Concrete Lab Testing	05	9740.00
	5% of Amount generated from H.W Lab testing	05	19740.00
	5% of Amount generated from Strength of Materials Lab testing	05	5885.00
	Total	15	35365
Financial support from other sources			
a) National	Scholarship from M/s Smart Controls (I) Ltd.	Ms. Ayushi Sikdar (EL) Ms. Ayushi Jain (CSE)	45,000/- each
	Post Metric Scholarship (SC)	450	31180/- each
	Post Metric Scholarship (ST)	76	28570/- each
	Post Metric Scholarship (OBC)	669	28570/- each
	Mukhyamantri Medhavi Vidhyarthi Yojna (MMVY)	128	Full Fee
	Mukhyamantri Medhavi Jankalyan Yojna (MMJKY)	10	Full Fee
	Garib Nirdhan Student	02	55,000/-
	Alumni Scholarship	05 @ 10,000/- each	50,000/-
b) International	-	-	-

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
In-House Summer Internship Programme on Soft skill development	01/06/2019 to 16/06/2019	451	Conducted In-House with support from Internal/External Experts
T & P Cell - Soft Skills and Professional Skills training for Campus placements which also help students in GATE/CAT exams or to face interviews on campus and off campus as well	06/08/2018 to 26/08/2018	Final Year 2019 Graduated Batch	Soft & Professional Skills Training, PDP, GD, PI
	25/09/2018	2019 Batch	Mr. Syed Abbas Hasan (Mock GDs & Mock Interviews workshop)
	24/05/2018 to 06/07/2018	2019 Batch	Mentor Graphics 10 th training program
	06/09/2018	Pre-Final Year Students	Interactive & Guidance session by outside expert
	14/09/2018	III & IV Year Students	Expert lecture with Mr. Rajnesh Khosla Head HR. LG Software India (An Innovation win of LG Electronics)

	15/09/2018	III & IV Year Students	Expert lecture on Machine Learning/Data Science using R/Python with Mr. AlekhShrivastava (Data Scientist at Citi Corp., Pune)
	15/11/2018	For all Students	Season 10 th Mahindra Auto Quotient (AQ)
	11/01/19	2019 Batch	BARC Lecture by Dr. Manoj Kumar, Senior Scientists
	28/01/2019	B.Tech-CSE/IT(III year)/MCA (II&III year) students	RBS Bank Project//Location Delhi/NCR
	04/02/2019	II, III & IV year students	Expert lecture with Mr. Rajesh Jha (Renowned International Counsellor & an International delegate from State University of New York)
	12/04/2019	For All	Industry Conclave 2019
Remedial Classes	July – Dec. 2018	B.Tech- Elex. II, III & IV year students - 130	Departmental Faculty
	Jan. – June 2019	B.Tech- I year students (Applied Sciences) - 164	Concerning Subject Faculty
		B.Tech- Elex. II, III & IV year students - 69	Departmental Faculty
		B.Tech- Electrical II, III year students - 58	Departmental Faculty
		MCA I, II year students - 14	Departmental Faculty
		B.Arch. I,II, III year students - 27	Concerning Subject Faculty

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2018	Soft & Professional Skills Training, PDP, GD, PI	312	749	180	506

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year : Nil

Total grievances received	No. of grievances redressed	Average number of days for grievance Redressal

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students placed
34	9384	531	11

S. No.	Company Name	Number of Students Participated	Total placed Students	Company Salary Package
1	TCS	500	26	Rs. 3.75
2	Indian Navy (UES-19)	694	1	Rs. 8.0
3	Infosys	724	130	Rs. 3.6
4	Accenture	505	141	Rs. 3.5
5	IBM	240	23	Rs. 4.1
6	Prism Johnson Limited	103	4	Rs. 4.25
7	LTI (L&T Infotech)	550	16	Rs. 4.18
8	Capgemini	625	28	Rs. 3.6
9	TEK Systems	155	1	Rs. 6.0
10	Trident Group	475	21	Rs. 9.0
11	Tata AIG	41	1	Rs. 4.2
12	BYJU's	694	4	Rs. 7.5
13	Zycus	200	1	Rs. 6.5
14	Wipro	380	9	Rs. 3.50
15	Praedico Global Research Pvt. Ltd. (Stock Gurukul)	104	4	
16	Tata Projects	315	8	Rs. 4.5
17	BORL	36	2	Rs. 7.0
18	Sudarshan Chemical	107	2	Rs. 4.0
19	Trident Group	156	2	Rs. 9.0
20	Jaro Education	107	1	Rs. 12.0
21	PUBMATIC	156	1	Rs. 5.5
22	DCM Shriram	246	7	Rs. 3.2
23	LUPIN	36	9	Rs. 3.2
24	Negen	156	5	Rs. 4.5
25	Mobiloitte Technologies	250	13	Rs. 2.2
26	Jamna Auto	213	11	Rs. 2.6
27	Indian Hume Pipe	103	19	Rs. 3.2
28	Amdocs	340	10	Rs. 4.1
29	Mahindra & Mahindra	148	3	Rs 4.0
30	Samsung	135	5	Rs 4.5
31	Tata Motors	148	2	Rs 2.4
32	Godrej	145	5	Rs 3.2
33	GE	107	5	Rs 5.0
34	RIRCM	490	11	
Grand Total		9384	531	

Highest Package of 2018-19: 16.5 LPA (Amazon),
Avg. Package of 2018-19: 4.00
LPA
Lowest Package of 2018-19: 2.2 (Mobiloitte Technologies)

PLACEMENT DETAILS OF STUDENTS IS ENCLOSED (ANNEXURE – XXI)

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2018-19	09	B.Tech. in Electrical Engineering	Electrical Engineering	04- MANIT, Bhopal 01- MNIT, Jaipur 01- NIT, Warangal 01- IIT Delhi 01- RGPV, Bhopal 01- University of Brisbane, UK 01- IIT, Patna	M.Tech. and MS Programme
2018-19	04	B.Tech. in Electronics Engineering	Electronics Engineering	1. Anubhav Tripathi, MNNIT, Allahabad 2. Shweta Jat, MITS Gwalior 3. Pranav Sharma, Friedrich Alexander University at Erlangen-Nurnberg 4. Abhishek Patel, IITDM Jabalpur	M.Tech. M.E. MS Programme M.Tech.
2018-19	01	B.Tech. in Electronics & Telecommunication Engineering	Electronics Engineering	1. Yasho Vijay Singh Yadav, IIT Shivpur	M.Tech.
2018-19	02	B.Tech. in Chemical Engineering	Chemical Engineering	01- Jindal Institute, Raipur 02- Tata Institute of Social Sciences (TISS), Mumbai	M.Tech. & Social Entrepreneurship
2018-19	01	B.Tech. in Automobile Engineering	Mechanical Engineering	NIT- Surat	M.Tech.

5.2.3 Students qualifying in state/ national/ international level examinations during the year
(eg : NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/qualifying	Registration number/roll number for the exam
NET		
SET		
SLET		
GATE	180	
GMAT		
CAT	17	
GRE		
TOFEL		
Civil Services		
State Government Services		
Any Other		

STUDENT ACHIEVEMENTS (CAT & GATE) IS ENCLOSED (ANNEXURE – XXII)

5.2.4 Sports and Cultural activities/competitions organised at the institution level during the year

Activity	Level	Participants
Sports		
Inter-Collegiate Volleyball (Boy's) Tournament	Gwalior Nodal	12
Inter-Collegiate Volleyball (Girl's) Tournament	Gwalior Nodal	12
Inter-Collegiate Badminton (Boy's) Tournament	Gwalior Nodal	05
Inter-Collegiate Badminton (Girl's) Tournament	Gwalior Nodal	05
Inter-Collegiate Football (Boy's) Tournament	Gwalior Nodal	16
Inter-Collegiate Chess Tournament	Gwalior Nodal	05
Inter-Collegiate Table Tennis (Boy's) Tournament	Gwalior Nodal	05
Inter-Collegiate Table Tennis (Girl's) Tournament	Gwalior Nodal	05
Inter-Collegiate Basket Ball (Boy's) Tournament	Gwalior Nodal	96
Inter-Collegiate Basket Ball Table Tennis (Girl's) Tournament	Gwalior Nodal	60
Inter Nodal level Basket Ball (Girl's) Tournament	State Level	84
Inter Nodal level Basket Ball (Boy's) Tournament	State Level	84
H.H. Shrimant Madhav Rao Scindia Memorial Cricket Tournament	National Level	144
SPARDHA	Inter- College	
1. Badminton		35
2. Basketball (5 teams)		25
3. Tug of War (10 teams)		50
4. Volleyball (5 teams)		35
5. Chess		16
Nukad Cricket	College level	160
Cultural		
A Musical event 'Auditions'	In-house	60
Solo Dance Competition in Abhiyudha vol 5	State Level	01
Bang Bang Dance Championship season -2, Rockzone Dance Studio	State Level	01
Music VOICE of Gwalior	State Level	01
International Dance Festival Udbhav, 2018, Gwalior	International	Group
Tooryanaad'18 Nukkad Natak	National	28

STUDENT PARTICIPATION IN TECHNICAL/SPORTS/EXTRA-CURRICULAR/CULTURAL OUTSIDE & INSIDE THE INSTITUTE IS ENCLOSED (ANNEXURE – XXIII)

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award /medal	National/ International	Sports	Cultural	Student ID number	Name of the Student
2018-2019	15 th Udbhav Utsav (An International Dance Festival) Scored - Second Position	International Dance	-	Udbhav Sports & Cultural Association, Gwalior	0901AR151028 0901AR151017 0901CE181095 0901AU161016 0901CE171052 0901AU161032 0901CE171086	Prachi Tiwari Kritika Kaushik Samiksha Sharma Deeksha Katare Kratika Sharma Kratika Bhanariya Ritika Jain
2018-2019	Tooryanaad' 18 Scored – Third Prize	National Nukkad Natak	-	Tooryanaad' 18 Nukkad Natak	TRY191567 TRY191498 TRY191482 TRY191490 TRY191500 TRY191492 TRY191494 TRY191495 TRY191611 TRY191488 TRY191489 TRY191501 TRY191504 TRY191503 TRY191510 TRY191497 TRY191633 TRY191499 TRY191496 TRY191505 TRY191502 TRY191509 TRY195112 TRY191471 TRY191716 TRY191523 TRY191583 TRY191562	Akshara Pandey Tanya Tiwari Vanshika Mishra Akansha Goyal Hritika Jaiswal Ritika Nayak Jishnu Mukherjee Riya Bhadouria Harsh Singh Sikarwar Ashutosh Goswami Pradeep Kumar Nat Swapnil Kathiari Raviraj Singh Saraswati Dhurve Rachna Patil Harshad Gupta Aman Singh Uikey Namrata Soni Sanidhya Chaturvedi Iti Pandey Parth Sharma Arun Pathak Tarun Agrawal Amit Chourasiya Aditi Arora Saloni Patankar Prateek Gupta Manas Bilgaiya

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

- Student representatives take part in the meeting of the Board of Studies
- All the student clubs in the institute are managed by student bodies.
- Student volunteers are assigned duties for the smooth conduction of campus placements.
- Group of students are nominated by the Heads of Department as OBE coordinators who help in dissemination of OBE related information.
- Gender Champions for establishing gender equity on campus are nominated by the class coordinators/ Heads of Department from each department, boys as well as girls.
- There are placement coordinators and volunteers for managing placement activities.
- Student representatives nominated to work as alumni
- Senior students works as mentors to junior students; each senior student has 3 first year students to mentor.
- Student representatives are there in the anti ragging committee of the institute.
- There are class representatives in each class nominated by the class coordinators.
- Students are involved as office bearers in innovation cell and start-up cell.
- Two student representatives are members of the IQAC.

5.4 Alumni Engagement

5.4.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words) : **Yes**

- MITS is a 60-year old institute and its alumni are adorning high positions in academic, government and corporate sectors; there are many successful entrepreneurs also.
 - Alumni association is very active and a number of activities are conducted every year. One Global alumni meet is conducted every year during the founder's day on 14th November.
 - The alumni association is a big support for the institute. Recently the new Institute Gate was constructed from alumni funds.
 - Alumni have donated Rs. 10.0 Lac this year for establishment of a lab in the Department of Electrical Engineering.
 - There are a number of scholarships initiated by the alumni for supporting students who are meritorious and from economically weaker sections of the society.
 - The alumni help in internships and job placements.
 - The alumni help in organizing industrial visits and in strengthening industry-institute interaction.
- The *Alumni Portal* has been establishment for ease of alumni registration. It has been linked with Institute website for online registration and till date more than 3500 registered alumni are registered on-line.
 - The alumni give valuable feedback to the institute on curriculum and other general issues.
 - The alumni representatives are there in many institute bodies like the Board of Studies, Academic Council, IQAC, anti ragging committee
 - At departments level there are alumni coordinators for the development of Alumni Forums and databases at the department level.
 - The establishment of Alumni Interaction Committee to explore the possible initiatives for improvement in alumni interaction/participation.

5.4.2 No. of registered Alumni : **3500 Nos.**

5.4.3 Alumni contribution during the year (in Rupees) : **Rs. 265000/-**

S. No.	Name of the Alumni	Student Awarded Scholarship	Course	Amount in (Rs.)
1.	Shri Suresh Kalra Managing Director, Agro Solvent Products Pvt., Ltd.	Shreya Dhanoliya (Tuition Fees)	B.Tech. CSE (I Year)	65000/-
2.	Shri Ashutosh Chincholikar M/s Smart Controls India Limited	Ayushi Jain (Tuition Fees) Ayushi Sikdar (Tuition Fees)	B.Tech. B.Tech.	45000/- 45000/-
3.	Shri Prabhat Bhargava Secretary, Alumni Association	Jaishree Palaria (Tuition Fees) Himanshu Bansal (Tuition Fees)	B.E. B.Tech.	55000/- 55000/-
Total				265000/-

5.4.4 Meetings/activities organized by Alumni Association :

Main Activities of Executive of MITS Alumni Association during July 2018 to July 2019 :

- Regular Meeting of Executive of MITS Alumni Association held regularly in 30-45 days.
- All information's regarding association & activity and members activity, achievement and progress is being communicated to all members through e-mail, Facebook, LinkedIn, etc. The email communication is held under the name of CHOUPAL.
- All accounts are placed before executive and General body and are passed under policy. The accounts are audited by CA Mayur Garg.
- Special Meetings are being organized for Holi & Diwali Milan.
- Annual meeting and get together has been organized at Hotel Regency Square and Alumni with family participated.
- Efforts are made to organize sub centre in various cities to perform. Alumni activity and get together at various city level, Participation may be focused on city and its vicinity.
- Discussions were held to help Institute with practical work and development. This was arranged with knowledge of Alumni working in various organization, as on doing individual entrepreneurship,
- Help to few students has been provided in Cash for depositing the Fees of MITS. This fund was raised by contribution from Member. This executed through association and directly through MITS.
- The MITS Alumni Association operates from its permanent office located in MITS Campus.
- Association helped various batches in organizing 25 Silver Jubilee and Golden Jubilee reunion.
- The association helped and encourage Delhi MITS Association in organizing EHSAS on 9th Dec 2018.
- Engineer's day has been celebrated with Dinner in Hotel Landmark.
- Association helped 1972 batch in organizing a meet in Lucknow.
- Association has taken care of the family of Alumni residing at Gwalior and Alumni serving in abroad or any other city.
- Association has also taken care of the Retd. staff in city and maintain good relation and contact with them.
- Helping each other in getting help technically or commercially.
- Giving opportunity for training, placement and updating to student of institute .
- Reunion of silver jubilee pass out batch is organized annually by alumni association in December each year. 1968 Batch Golden Reunion 2018 on Saturday, 10th November 2018. It provides an opportunity for interaction between the alumni and institute, paves way for participation of alumni in development of institute. Alumni scholarship is awarded to meritorious students. At the departmental level, alumni are associated in various activities as follows -
 - Alumni are opted as members of board of studies. Their valuable suggestions are given due consideration while finalizing scheme and syllabi
 - Invited as keynote speaker/expert lecture in workshop/seminar for the benefit of the students.
 - Associated in the organization of educational tours of students

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

- Powers are given to Class Coordinators of each class to ensure decentralization of all processes. The class coordinators monitor records of attendance, student leaves, forwards the various documents & applications of students and gives final permission for appearing in examination.
- The proctors and deans have specific well defined duties and they can issue orders concerning to issues in their respective domains.
- For each initiative taken by the IQAC separate coordinators are appointed at the department level to help in administration of the different activities such as -
 - OBE coordinator monitors and takes care of all documentation related to COs and their attainment through direct and indirect assessment, development of rubrics, computation of POs/PEOs, setting of targets, corrective actions after gap analysis, question paper analysis on the basis of LOTs/HOTs & Bloom's Taxonomy etc.
 - Coordinator for remedial/bridge classes.
 - MOODLE coordinator has the responsibility to monitor uploading of learning material on MOODLE and to facilitate effective utilization of the MOODLE for Quiz, Feedbacks assignments etc.
 - Web coordinator for departmental webpage management, updating and for providing all relevant information like list of COs, POs, PEOs, Vision, Mission etc. on the departmental web page.
 - Coordinator for departmental e-Newsletter where all the activities and achievements are posted.
 - Coordinator for feedback collection, proper analysis and corrective action.
 - Coordinators for SWAYAM/MOOCs take steps to popularize the online courses among students, create awareness and help them in selecting online electives. They also monitor the SMEs and keep records of all data.
 - Internship coordinator for enhancing and managing industry interaction, arranging in-house internships for I & II year students, guiding students for career, arranging internship placements etc.
 - Alumni coordinator for enhancing and managing alumni interaction.
 - GATE Coordinator for procuring services for the activity and for smooth conduction of the GATE classes.
 - Time-table coordinator for preparation of time table and for monitoring all issues/complaints regarding time-table if any.
 - Plagiarism administrator has the responsibility to check the BE major/minor project reports, ME/M.Tech dissertation files before allowing for pre submission viva and presentation.

6.1.2 Does the institution have a Management Information System (MIS)? Yes/No/Partial : **Yes**

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each) :

❖ **Curriculum Development:**

- Flexible curriculum is implemented w.e.f. 2018-19 based on the AICTE model curriculum. It has about 13-14 departmental core courses, and 05 each of departmental and open elective courses respectively.
- Students can get honours/Minor specialization in parent/ allied department by earning 20 additional credits.
- There are 3 mandatory internships, minor/majors projects and provision of full semester internship.

<ul style="list-style-type: none"> ➤ One credit is for professional development where weightage for extra & co curricular activities during the degree programme is assigned in the last semester. Some electives are taught jointly with industry expert and for 20 % courses credits are earned through MOOCs.
<p>❖ Teaching and Learning:</p> <ul style="list-style-type: none"> ➤ Interactive teaching and group learning is being promoted through group presentations. ➤ Smart class rooms with interactive panels, projectors, PA system are available permitting faculty to use modern instruction tools, PPTs, Video Clips etc. ➤ The notes and study material, question banks etc are uploaded on the institute MOODLE. ➤ On-line evaluation and quiz are carried out using MOODLE. ➤ Feedback on faculty and teaching is taken from students twice a semester and on course content before the BoS meetings, twice a year along with course outcome feedback. ➤ To promote self-study, all students are compulsorily registered for one departmental elective course on NPTEL.
<p>❖ Examination and Evaluation</p> <ul style="list-style-type: none"> ➤ The process from filling examination forms to making seating plans, preparing various data formats, all the work is on-line on the institute Information Management System (IMS). ➤ Result declaration, printing of mark sheets etc. is also managed by the IMS ➤ Examination reforms are implemented in the institute. Clear guidelines for setting question papers are available based on Bloom's taxonomy. The CO attainment is mapped with targets set at the beginning of semester. Digital valuation is implemented and valued answer books are shown to the students. On-line question paper feedback is collected; the lines are open for 24 hours after the examination.
<p>❖ Research and Development</p> <ul style="list-style-type: none"> ➤ It is mandatory for submission of PG dissertations that at least one paper is published in national/international journal or at least one paper is presented in International Conference. There is a clear policy for providing financial assistance to faculty and students for attending conferences within India or abroad. The progress of the PhD scholars is continuously monitored by the Research Advisory Committee (RAC) which exists for each scholar. There is a six monthly review for monitoring the progress of research scholars. Faculty members are encouraged to attend short-term courses, workshops, conferences and submit research proposals to funding agencies.
<p>❖ Library, ICT and Physical Infrastructure / Instrumentation</p> <ul style="list-style-type: none"> ➤ In library there is RFID installed for efficient management. There is a library committee consisting of members from each department who take decisions regarding purchase of books, e books, renewal of subscription of e journals etc. A separate space for digital library is created this year. All class rooms are converted into smart class rooms now for facilitating modern instruction methods. Cameras are installed throughout the campus for monitoring activities in the institute and for security purposes. New basketball court is ready and cricket stadium is under development stage.
<p>❖ Human Resource Management</p> <ul style="list-style-type: none"> ➤ Human resources management and its quality assurance is made effective through API Appraisal System for faculty and numeric model for appraisal for staff. ➤ The Career Advancement Schemes are implemented according to the state and AICTE norms, from time to time. ➤ Faculty members are encouraged to do their PhD. Leaves and other support is granted as per norms. There are clearly defined policies on career advancement and annual appraisal. Written documents on duties and responsibilities of staff, faculty members, various coordinators, HoDs and Deans are available. There is transparency in leave rules, duty leaves & deputation for academic/non academic/examination work etc. Personnel files are maintained with all previous records.
<p>❖ Industry Interaction / Collaboration</p> <ul style="list-style-type: none"> ➤ The training & Placement Cell conducts Industry Conclave every year to facilitate and enhance interaction with industry. Industry representatives are members in the BoG, IQAC and BoS. In each department there is a faculty coordinator for managing the industry collaboration. The departments sign MoUs with industries for internship of students, industry visits, expert lectures by industry personnel, joint guidance of student projects etc.
<p>❖ Admission of Students</p> <ul style="list-style-type: none"> ➤ The admission for UG/PG students is online through Directorate of Technical Education (DTE) of

the state. All admissions are done according to the guidelines of the state and the central government norms.

6.2.2 : Implementation of e-governance in areas of operations:

❖ Planning and Development
➤ All the tender notices are floated on the institute website. Links for all forms and formats can also be accessed through the website. The submission of these documents is also on-line through institute portal. The institute development plans along with minutes of all meetings is available on the website for all stakeholders.
❖ Administration
➤ All the notices are sent through e-mails.
❖ Finance and Accounts
➤ All financial transactions such as fee deposition by students, payments for procurement of equipment and services, reimbursements of scholarships, salaries etc are conducted on-line. The accounts are managed through software. There are no cash transactions in the institute.
❖ Student Admission and Support
➤ Admissions are through centralized counseling on DTE portal. All notices, formats, forms, guidelines are available on website. Communication with students for placement and other purposes is through e-mails or MOODLE.
❖ Examination
➤ From examination form submission to result declaration, all the processes are on-line through IMS. Valuation, feedback on question paper etc is also on-line in digital form.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Shikha Jha	Molecular Beneficial Plant microbe interactions and functional microbial	Hari Singh Gaur, Sagar	3935.00
2018	Dr. Hari Mohan Dubey	Advance Engineering optimization through intelligent techniques	SVNIT Surat	19838.00
2018	Prof. Vishal Chaudhary	Advance Engineering optimization through intelligent techniques	SVNIT Surat	18751.00
2018	Prof. Prabhakar Sharma	Professional Development Training for Senior faculty	IIT, Tiruchirappalli	10030.00
2018	Dr. R.K. Pandit		Jaipur	35400.00
2018	Dr. Manjaree Pandit	World Submit on Accreditation	New Delhi	18226.00
2018	Dr. Abhay Mishra	Energy Audit & Management	MITS Gwalior	1000.00

2018	Dr. Vikas Shinde	Energy Audit & Management	MITS Gwalior	1000.00
2018	Dr. D. K. Jain	Energy Audit & Management	MITS Gwalior	1000.00
2018	Dr. Shourabh Bhattacharya	Energy Audit & Management	MITS Gwalior	1000.00
2018	Dr. Prachi Sharma	Energy Audit & Management	MITS Gwalior	1000.00
2018	Prof. Deobrat Singh	Energy Audit & Management	MITS Gwalior	1000.00
2018	Dr. Ashish Verma	Energy Audit & Management	MITS Gwalior	1000.00
2018	Dr. R.K. Pandit	Management development Training	IIM Shilong	76442.00
2018	Prof. Sarvesh Yadav	Modal analysis Theory in practices	IIT Kanpur	2135.00
2018	Deep kishore parsediya	Modern antenna for wireless communication	IIT Kharagpur	5669.00
2018	Prof. M.K. Sagar	Supply Chain Management	IIT BHU	18341.00
2018	Prof. Rahul Sagwal	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Nipun Gupta	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Bhavna Rathore	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Shailendra Pratap Singh	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Sourabh Rajput	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Vikram	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Shweta Kumari	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Aparajita Kumari	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Sanjay Kulshreshtha	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Shubham Gupta	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Raj Kumar Bansal	Disaster: Risk & Management	MITS Gwalior	200.00
2018	Prof. Sharad Agarwal	Engineering Computations and GUI Development with MATLAB	IIITDM jabalpur	5415.00
2018	Prof. Dinesh Kasdekar	Engineering Computations and GUI Development with MATLAB	IIITDM jabalpur	5365.00
2018	Dr. R.K. Pandit	Management Development Training	DST Kerela	57421.00

2018	Dr. P.K. Singhal	Electromagnetic Fields and Waves	IIT Mumbai	39403.00
2018	Prof. Anand Kushwah	Comparing Thermal Performance of Ancient Building	UPES Dehradun	7800.00
2019	Prof. Dinesh Kasdekar	CNC Machining with Advanced CAD CAM Application	IIT Khadagpur	17210.00
2019	Prof. Sharad Agarwal	CNC Machining with Advanced CAD CAM Application	IIT Khadagpur	17210.00
2019	Dr. R. Kansal	Environment Safe guard	SGSITS Indore	4593.00
2019	Prof. Jaimala Jha	Lex Based Faculty Emblemment Program	VIIT Pune	9035.00
2019	Prof. Juhi Pruthi	Lex Based Faculty Emblemment Program	VIIT Pune	14612.00
2019	Prof. Jyoti Vimal	Mechanical Design for Price Sensitive Markets	IIT Delhi	24675.00
2019	Prof. Vhaibhav Shivhare	Mechanical Design for Price Sensitive Markets	IIT Delhi	25019.00
2019	Prof. Jitendra Kumar	MATLAB and Simulink Fundamental's	NITTTR Kolkata	23979.00
2019	Dr. Saurabh Bhattacharya	MATLAB and Simulink Fundamental's	NITTTR Kolkata	23377.00
2019	Dr. Anjula Gaur	MATLAB and Simulink Fundamental's	NITTTR Kolkata	23977.00
2019	Dr. Manjaree Pandit	Professional Development Training	IIM Kozhikode	30306.00
2019	Dr. Laxmi Srivastva	Professional Development Training	IIM Kozhikode	29166.00
2019	Prof. Vishal Chaudhary	Empowering India Through Innovations	LD College Ahamdabad	18884.00
2019	Dr. Abhay Mishra	Good Governance	SPIU Bhopal	6990.00
2019	Dr. R.S. Jadon	Good Governance	SPIU Bhopal	7405.00
2019	Himmat Singh	Fundamentals of Robotics & Artificial Intelligence	IIT Guwahati	10996.00
2019	Dr. Vijay Bhuria	Fundamentals of Robotics & Artificial Intelligence	IIT Guwahati	10996.00
2019	Dr. M.K. Gaur	Renewable Energy	Jamia milia Islamia New Delhi	8306.00
2019	Dr. Abhay Mishra	Newer Experiments with Physics	NITTTR Chandigarh	24985.00
2019	Dr. A.K. Wadhvani	Digital Image Processing using MATLAB	IIT Roorkee	8455.00
2019	Dr. Vijay Bhuria	Solar Energy Technologies	MITS	4000.00
2019	Prof. Vishal Chaudhary	Solar Energy Technologies	MITS	4000.00
2019	Prof. Deepak Rastogi	Solar Energy Technologies	MITS	4000.00

2019	Dr. C.S. Malvi	Solar Energy Technologies	MITS	4000.00
2019	Prof. Anand Kushwah	Solar Energy Technologies	MITS	4000.00
2019	Pro. Neeraj Mishra	Solar Energy Technologies	MITS	4000.00
2019	Prof. R.K. Ranjan	Solar Energy Technologies	MITS	4000.00
2019	Prof. Sumit Singh	Solar Energy Technologies	MITS	4000.00
2019	Prof. Praveen Bansal	Student Learning Assesment	AICTE	3447.00
2019	Prof. Punit Johari	Student Learning Assesment	AICTE	6310.00
2019	Prof. Gyanesh Saran	Material Processing and Charactrization	GRIET Hyderabad	17029.00
2019	Dr. Karuna Markam	Equipty Action Plan	College of Engg. Pune	10670.00
2019	Prof. Vishal Chaudhary	Wind Energy Technology	National Inst. Of Wind Energy , Chennai	37556.00
2019	Prof. Tarun Shrivastava	How to use Technology in Education	SV Polytechnics Bhopal	3315.00
2019	Prof. Shivam Gupta	How to use Technology in Education	SV Polytechnics Bhopal	3513.00
2019	Prof. Valiur Rehman	How to use Technology in Education	SV Polytechnics Bhopal	2859.00
2019	Prof. Utkarsh Shrivastava	How to use Technology in Education	SV Polytechnics	4436.00
2019	Prof. Madhav singh	Image processing using VLSI architecture	IIT Roorkee	5690.00
2019	Prof. Dhruv Maggu	Advance Combustion Modelling with Computation Fluid Dynamics	IIT Indore	20581.00
2019	Prof. Vishal Chaudhary	Non Convex Economic Dispatch by Grasshopper Optimization Algorithm	Pune	5500.00
2019	Prof. Valiur Rehman	Critical Pedagogy in Digital Era	NPIU	13739.00
2019	Prof. R.R. Makwana	Gem Procurement Process	SPIU Bhopal	4500.00
2019	Dr. Laxmi Srivastva	Outcome Based Education	SPIU Bhopal	4642.00
2019	Prof. A.K. Saxena	Outcome Based Education	SPIU Bhopal	3938.00
2019	Dr. Manish Dixit	Outcome Based Education	SPIU Bhopal	5366.00
2019	Prof. Nupur Verma	Recent Advancement in Water Resourse and Environment Engg.	IIT Indore	11205.00

2019	Rajeev Kumar singh	Introduction to Image Based Modelling Simulation Application	MNIT Allahbad	4340.00
2019	Prof. Chetan Sharma	Recent Advancement in Water Resource and Environment Engg.	IIT Indore	10183.00
2019	Prof. Chetan Sharma	How to make Collaborative Research Praposal	SPIU	3723.00
2019	Dr. Antaram N. Sarve	How to write Research Proposal	SPIU Bhopal	1385.00
2019	Prof. Nupur Verma	How to make Collaborative Research Praposal	SPIU	3723.00
2019	Prof. Radhika R.	How to make Collaborative Research Praposal	SPIU	3723.00
2019	Prof. Sulochana Nagar	How to Make Collaborative Research Praposal	SPIU	3723.00
2019	Dr. Sunita Sharma	Exam Reform for Teachers	SGSITS Indore	3800.00
2019	Prof. Amit Soni	Mechanics of Composites in Engg.	IIT Guwahati	18845.00
2019	Prof. Ashish Patra	Simulation of Power Electronics Convertors Serving to Hydro Power Plants	IIT Roorkee	2740.00
2019	Dr. Karuna Markam	Wireless Communication and Signal Processing	MNIT Jaipur	6482.00
2019	Dr. Vandana Vikas Thakare	Wireless Communication and Signal Processing	MNIT Jaipur	6583.00
2019	Prof. Pooja Sahoo	Microwave Heating and Processing of Food	IIT Mumbai	2725.00
2019	Prof. Prabhakar Sharma	PMSS Software Training	Mumbai	36806.00
2019	Mr. Vikas Sejwar	Research Trends in Wireless Communication Sytems	NIT Jalandhar	8772.00
2019	Dr. Vandana V. Thakare	Wireless Communication and Signal Processing Technique	MNIT Jaipur	6482.00
2019	Dr.Karuna Markam	Wireless Communication and Signal Processing Technique	MNIT Jaipur	6583.00
2019	Dr. Laxmi Shrivastava	Advances in Optical and Wireless Networks	MNNIT Allahbad	5270.00
2019	Prof. Khushboo Agarwal	Big Image Data Processing using Machine Learning Algorithm	NIT Warangal	7651.00
2019	Prof. Jaimala Jha	Big Image Data Processing using Machine Learning Algorithm	NIT Warangal	7250.00

2019	Dr. Ravindra Pratap Narwariya	Research Trends in Biomedical Signal Processing and VLSI	NIT Jalandhar	8772.00
2019	narendra Singh Sikarwar	Clean Energy Technologies	IIT Guwahati	18303.00
2019	Punit kumar neema	Clean Energy Technologies	IIT Guwahati	17670.00
2019	Prof. Hemlata Arya	Predictive Analytics Using R	IIT Roorkee	3825.00
2019	Dr. Manish Kumar Sagar	Quality Management : Importance, Issues and Challenges	IIT Roorkee	3860.00
2019	Mr. Rajendra Prasad Kori	Quality Management : Importance, Issues and Challenges	IIT Roorkee	3600.00
2019	Dr. Amit Aherwar	Quality Management : Importance, Issues and Challenges	IIT Roorkee	3600.00
2019	Ashish Verma	Advance Pedagogy	IIT Indore	3326.00
2019	Deobrat Singh	Advance Pedagogy	IIT Indore	3215.00
2019	Prachi Sharma	Advance Pedagogy	IIT Indore	2950.00
2019	Hansnath Tiwari	Advance Pedagogy	IIT Indore	3250.00
2019	Ajay Singh Rajput	Advance Pedagogy	IIT Indore	2733.00
2019	Deepak Kumar	Advance Pedagogy	IIT Indore	4030.00
2019	Dharmendra Jain	Advance Pedagogy	IIT Indore	4010.00
2019	Krishan Kumar	Advance Pedagogy	IIT Indore	4010.00
2019	Shubham Shrivastava	Advance Pedagogy	IIT Indore	4111.00
2019	Subash Chand Pal	Advance Pedagogy	IIT Indore	3910.00
2019	Sumeet Kumar Singh	Advance Pedagogy	IIT Indore	4023.00
2019	Shikha Jha	Advance Pedagogy	IIT Indore	3326.00
2019	Ms. Radhika R	Advance Pedagogy	IIT Indore	3326.00
2019	Mr. Vishal Kumar Ranjan	Advance Pedagogy	IIT Indore	3326.00
2019	Kulbhushan Samal	Advance Pedagogy	IIT Indore	3326.00
2019	Sachin Ramesh Rao Geed	Advance Pedagogy	IIT Indore	3326.00
2019	Ms. Arti Sahu	Advance Pedagogy	IIT Indore	3326.00
2019	Mr. Sarve Antaram Narayan	Advance Pedagogy	IIT Indore	3326.00
2019	Mr. Pratap Singh	Advance Pedagogy	IIT Indore	3326.00
2019	Sulochana Nagar	Advance Pedagogy	IIT Indore	3326.00
2019	Rakesh Kumar Dubey	Advance Pedagogy	IIT Indore	3326.00
2019	Nupur Verma	Advance Pedagogy	IIT Indore	4010.00
2019	Pratibha Singh	Advance Pedagogy	IIT Indore	4010.00
2019	Shivam Gupta	Advance Pedagogy	IIT Indore	4010.00
2019	Mr. Pankaj Kumar	Advance Pedagogy	IIT Indore	4010.00
2019	Mr. Chetan Sharma	Advance Pedagogy	IIT Indore	3326.00
2019	Mr. Sourabh Kakani	Advance Pedagogy	IIT Indore	3000.00
2019	Shashank Sharma	Advance Pedagogy	IIT Indore	4325.00
2019	Ms. Nishi Gangwar	Advance Pedagogy	IIT Indore	2943.00
2019	Mr. Mohit Aggarwal	Advance Pedagogy	IIT Indore	4010.00
2019	Almas Siddiqui	Advance Pedagogy	IIT Indore	3360.00
2019	Sheo Kumar	Advance Pedagogy	IIT Indore	3325.00
2019	Ms. Sneha Garg	Advance Pedagogy	IIT Indore	2917.00
2019	Mr. Aditya Singh	Advance Pedagogy	IIT Indore	5177.00

2019	Mr. Mir Shahnawaz Ahmad	Advance Pedagogy	IIT Indore	3706.00
2019	Mr. Rati Bhan	Advance Pedagogy	IIT Indore	5177.00
2019	Mr. Mohit Jain	Advance Pedagogy	IIT Indore	3706.00
2019	Ms. Julie Kumari	Advance Pedagogy	IIT Indore	2917.00
2019	Ms. Aishwarya	Advance Pedagogy	IIT Indore	2917.00
2019	Ms. Pooja Agrawal	Advance Pedagogy	IIT Indore	3496.00
2019	Ms. Juhi Pruthi	Advance Pedagogy	IIT Indore	3033.00
2019	Mr. Arun Kumar	Advance Pedagogy	IIT Indore	4086.00
2019	Shivangi Garg	Advance Pedagogy	IIT Indore	2917.00
2019	Ram Parvesh Das	Advance Pedagogy	IIT Indore	5179.00
2019	Lav Upadhyay	Advance Pedagogy	IIT Indore	3498.00
2019	Punjan Dohare	Advance Pedagogy	IIT Indore	3823.00
2019	Mr. Saurabh Kumar Rajput	Advance Pedagogy	IIT Indore	4045.00
2019	Mr. Rahul Sagwal	Advance Pedagogy	IIT Indore	3706.00
2019	Mr. Shailendra Pratap Singh	Advance Pedagogy	IIT Indore	3706.00
2019	Ms. Bhavna Rathore	Advance Pedagogy	IIT Indore	3706.00
2019	Mr. G K Naveen Kumar	Advance Pedagogy	IIT Indore	3874.00
2019	Mr. Vikram	Advance Pedagogy	IIT Indore	4021.00
2019	Mr. Nipun Gupta	Advance Pedagogy	IIT Indore	4065.00
2019	Manoj Kumar	Advance Pedagogy	IIT Indore	4086.00
2019	Tarun Shrivastava	Advance Pedagogy	IIT Indore	4086.00
2019	Awadhesh Gupta	Advance Pedagogy	IIT Indore	4011.00
2019	Rahul Dubey	Advance Pedagogy	IIT Indore	3641.00
2019	Ms. Arpita Singhal	Advance Pedagogy	IIT Indore	3410.00
2019	Rakesh Kumar Naik	Advance Pedagogy	IIT Indore	3641.00
2019	Rishabh Shukla	Advance Pedagogy	IIT Indore	3641.00
2019	Ashish Gupta	Advance Pedagogy	IIT Indore	3075.00
2019	Dhopte Chaitanya Rajendra	Advance Pedagogy	IIT Indore	3641.00
2019	Mr. Santosh Sharma	Advance Pedagogy	IIT Indore	3336.00
2019	Mr. Praveen Kumar	Advance Pedagogy	IIT Indore	4086.00
2019	Mr. Deepak Batham	Advance Pedagogy	IIT Indore	3150.00
2019	Ms. Aruna Chouhan	Advance Pedagogy	IIT Indore	2965.00
2019	Vikas Mahor	Advance Pedagogy	IIT Indore	3641.00
2019	Saurabh Singh Raghuvanshi	Advance Pedagogy	IIT Indore	4086.00
2019	Shambhu Kumar	Advance Pedagogy	IIT Indore	4086.00
2019	Guramwar Umesh Waman	Advance Pedagogy	IIT Indore	3410.00
2019	Sachin Singh	Advance Pedagogy	IIT Indore	3410.00
2019	Mr. Valiur Rahaman	Advance Pedagogy	IIT Indore	3586.00
2019	Garima Singh Baghel	Advance Pedagogy	IIT Indore	3410.00
2019	Dheeraj Gurjar	Advance Pedagogy	IIT Indore	3030.00
2019	Namrata Agrawal	Advance Pedagogy	IIT Indore	2430.00
2019	Ms. Patel Shweta Subhash	Advance Pedagogy	IIT Indore	3138.00
2019	Mr. Santosh Sahu	Advance Pedagogy	IIT Indore	3336.00
2019	Utkarsh Srivastava	Advance Pedagogy	IIT Indore	2753.00
2019	Mr. Vikas Yadav	Advance Pedagogy	IIT Indore	2800.00
2019	Mr. Naresh Kumar Raghuwanshi	Advance Pedagogy	IIT Indore	4010.00
2019	Mr. Vaibhav Gupta	Advance Pedagogy	IIT Indore	4010.00
2019	Mr. Sarvesh Kumar Yadav	Advance Pedagogy	IIT Indore	3668.00
2019	Mr. Kapil	Advance Pedagogy	IIT Indore	4048.00
2019	Mr. Kaustubh Khot	Advance Pedagogy	IIT Indore	4036.00

2019	Mr. Puneet Kumar Nema	Advance Pedagogy	IIT Indore	4048.00
2019	Mr. Amrat Kumar Dhamneya	Advance Pedagogy	IIT Indore	4036.00
2019	Mr. Manish Sharma	Advance Pedagogy	IIT Indore	3690.00
2019	Mr. Ravi Kant Ranjan	Advance Pedagogy	IIT Indore	4073.00
2019	Mr. Narendra Singh Sikarwar	Advance Pedagogy	IIT Indore	4010.00
2019	Mr. Neeraj Mishra	Advance Pedagogy	IIT Indore	4042.00
2019	Mr. Dhruv Maggu	Advance Pedagogy	IIT Indore	4048.00
2019	Mr. Gyanesh Sharan	Advance Pedagogy	IIT Indore	3910.00
2019	Prof. Deepak Rastogi	Innovative Technologies for Water Management	VJIT Mumbai	3910.00
2019	Mr. Sayed Faiz Ahmad	Advance Pedagogy	IIT Indore	3910.00
			Total	1422425.00

6.3.2 Number of professional development/administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2018-19	-	Advance Office Management & Administrative Skills	19/09/2018 - 23/09/2018	-	22
2018-19	-	Training Programme on Lab Practices under TEQIP- III	17/06/2019 - 22/06/2019	-	14
2018-19	One Day Workshop How to write Patent IET Student chapter	-	21/7/2018	12	-
2018-19	Gender Sensitization	-	28/07/2018	3	-
2018-19	Meditation and Stress Management	-	30/07/2018 to 03/08/2018	4	-
2018-19	National Seminar on Digital Transformation & Contribution of Engineers	-	16 Sep., 2018	2	-
2018-19	Work Shop on Maze Solver Robot	-	15-16 Sep., 2018	2	-
2018-19	Antenna Designing Workshop by HAM RADIO SOCIETY OF MITS	-	22-23 Sep. 2018	3	-
2018-19	Design of Microwave Circuits	-	28-29 Sep. 2018	1	-
2018-19	Digital Transformation & Contribution of Engineers for Society	-	One day	2	-

2018-19	Energy Audit and Management	-	29/9/2018	17	-
2018-19	Disaster : Risk & Management	-	11 Oct. 2018	33	-
2018-19	National Workshop on Advanced Manufacturing Systems	-	27 to 28 Oct., 2018	1	-
2018-19	Workshop on Maze Solver Robot	-	15-16, Sep., 2018	1	-
2018-19	Advanced Optimization Techniques and Research Directions	-	16-17 Nov., 2018	38	-
2018-19	Sensitization Workshop for Better and Improved Social Scenario	-	One day	2	-
2018-19	One Week Short Term Programme RF and Microwave Antennas	-	05/01/2019 to 09/01/2019	2	-
2018-19	National Workshop on Soft Computing & its Applications	-	17/1/2019 to 18/1/2019		-
2018-19	National Workshop on Soft Computing Techniques & its Applications	-	18-19 Jan., 2019	16	-
2018-19	Faculty Enablement on LEX Based Platform conducted by Infosys Ltd through Webinar	-	18-25 Jan., 2019	3	-
2018-19	PCB Designing	-	23/01/2019	2	-
2018-19	STC on Intelligent Computing Techniques in Data Mining and Image Processing	-	1-5 Feb., 2019	1	-
2018-19	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	-	13-17 Feb., 2019	5	-
2018-19	Sustainable Development : Method & Practices	-	21-25 Feb., 2019	5	-
2018-19	Thermodynamics and its Applications to Solar Energy Systems Design	-	09-18 March 2019	3	-
2018-19	Nano-Science & Technology	-	14-18 March 2019	3	-

(Report enclosed as Annexure – XX(A))

NON-TEACHING STAFF ATTENDED TRAINING/WORKSHOP ETC. IS ENCLOSED (ANNEXURE – XXIV)

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
An Online Refresher Course on English Language Teaching (ARPIT)	1	1-11-2018 to 28-2-2019
Summer Training Program	2	04-0-2019 to 08-01-2019
FDP	2	13-10-2018 to 17-10-2018
Summer Training Programme on Active Learning for Senior Faculty	9	18 to 22 June, 2018
Attended Faculty Training Programme	3	24 to 28 June, 2019
Teachers Training Program	3	25-02-2019 to 01-03-2019
Faculty training program on “Basics of Thermodynamics and Lab	2	27 Jan to 1 Feb, 2019
Completed FDP on Technical English for Engineers	3	August to September 2018
Completed FDP on Applied Linguistics	1	August to September 2018
Attended on line NPTL Courses/FDP on the following topics:	1	Jan to April 2019
Completed FDP on Introduction to Cultural Studies	1	July to September 2018
FDP on DBMS	1	July-Sep, 2018
FDP on ‘Advanced Pedagogy and Digital Tool’ under TEQIP III.	1	June 24-28, 2019
Faculty Development Program, “Physics and Technology of Materials”	1	October 08-14, 2018
Professional development programme	2	28 Jan to 01 Feb, 2019
STC	1	02-03-2019 to 06-03-2019
STC	1	02-04-2019 to 06-04-2019
STTP on Advanced Research Techniques.	1	03 to 07 June, 2019
Short term course on Fundamentals of Robotics and Artificial Intelligence under TEQIP-III	2	04 to 08 Feb, 2019
Short Term Programme RF and Microwave Antennas	2	05-01-2019 to 09-01-2019
Short Term Programme on Modern Antennas for Wireless Communication	1	06-10-2018 to 10-10-2018
STC	1	08-04-2019 to 12-04-2019
Attended AICTE Sponsored Short-Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education	1	10-03-2018 to 11-03-2018
Short term course on Assuring Global Quality in Technical Education Through Outcome Based Education	4	10 to 14 March, 2018
Short term course on Emerging trends in Internet of things (IOT) and Cyber Security Applications in Smart Grid.	1	12 to 16 March, 2018
STC	1	13-05-2019 to 17-05-2019
Short Term Course on “Advanced Optimization Techniques for Engineering Applications”	1	13 to 17 January, 2018

One Week Short Term Training Program Under QIP on “ <i>Optimization Techniques Using Nature Inspired Algorithms for Engineering Applications</i> ,”	1	13 to 17 February, 2019
STC on Intelligent Computing Techniques in Data Mining and Image Processing	1	1 to 5 Feb, 2019
Short term course on Optimization Technique And its Engineering Applications	3	15 to 19 March, 2018
STC	1	17-12-2018 to 22-12-2018
One week STC on Newer Experiments in Engineering Physics	1	18 to 22 Feb, 2019
STC	1	22-02-2019 to 28-02-2019
Short Term Training Course on Advanced Biological and Chemical Understanding of Disease and Therapeutics	1	22 to 24 June, 2018
Attended AICTE Sponsored Short-Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education”	1	25-01-2018 to 29-01-2018
AICTE Sponsored Short Term Course on “Numerical Methods in Electromagnetics”	1	27 to 31 January, 2018
STC	1	29-10-2018 to 03-11-2018
QIP-STC	1	8-10-2018 to 13-10- 2018
One Week short term course Resilient Power Grid Operation Using Synchrophasor Technology: A Smart Grid Operation Perspective	1	December 17-21 ,2018

TEACHERS ATTENDING PDP, OP, RC, STC, FDP ETC. IS ENCLOSED (ANNEXURE – XXV)

6.3.4 Faculty and Staff recruitment (No. for permanent recruitment) :

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime
-	50	-	18

6.3.5 Welfare schemes for

Teaching	<ul style="list-style-type: none"> • Personal Counselling & Medical Facility • University Welfare Scheme • Schemes as per MP Govt. Norms • Group Insurance
Non teaching	<ul style="list-style-type: none"> • Personal Counselling & Medical Facility • Schemes as per MP Govt. norms • Group Insurance
Students	<ul style="list-style-type: none"> • Personal Counselling & Medical Facility • Financial support under TEQIP-III for participation on seminar, conferences. • Training & Internship support for employability, higher education etc. • Conduction of awareness & development programs for students overall development

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each)

- The Institute is Grant-in-Aid of M.P. Govt. and receives Annual Block Grant from the State of Madhya Pradesh. Other financial resources are mobilized through Fee collection from the Students for various programs running in the Institute.
- Over and above, the Research Grant as well as Modernization of Laboratory Grants are received annually from AICTE, New Delhi, DST, UGC and like bodies of Government of India.
- There is a Resident Auditor of Govt. of Madhya Pradesh and the Pre-auditing system exists in the Institute. However Post Audit is conducted by Office of the Accounts General, Govt. of India periodically.
- Presently TEQIP-III funds are being audited by Auditor appointed by SPIU, Bhopal at the State Level & NPIU, New Delhi (MHRD) at the National Level.
- Funds received from Management and other Government bodies, individual etc., are audited by Chartered Accountant appointed by the Society/Board of Governors of the Institute.

6.4.2 Funds/Grants received from management, non-government bodies, individuals, philanthropies during the year (not covered in Criterion III)

Name of the non government funding agencies/individuals	Funds/Grants received in Rs.	Purpose
Institute Alumni	Rs. 8.0 Lacs	Construction of Gate
Nagar Nigam, Gwalior	Rs. 2.65 Lacs	Social Sector Training
Memorial Funds	Rs. 0.47 Lac	Students Scholarship

6.4.3 Total corpus fund generated : Rs. 40000000 C

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes (02.03.2019 & 03.03.2019)	External Expert Committee	Yes (25-08-2018 & 01-09-2018)	Audit Committee
Administrative	-	-	Yes (24-06-2019)	Audit Committee

Academic Audit:

- The two Academic Audits are conducted every year, one by Internal Audit Committee (IAC) and one by external experts.
- The Academic Audits by Internal Audit Committee were conducted on 25.08.2019 & 01.09.2018 (50-parameters) & Lab Audit on 6th & 7th April, 2019 (18-lab parameters).
- The Academic Audit by External Experts (Dr. S.C. Choubey, Professor & Dean, Electrical & Electronics Engineering, RGPV, Bhopal, Prof. Sushil Kumar, Former Professor, Civil Engineering, MANIT, Bhopal

& Dr. C. S. Sharma, Deputy Director, NABET-QCI, New Delhi, Prof. R K Saini, Professor, Department of Math and Computer Application, BU, Jhansi, Dr. Maya Ingle, Professor CSE, School of Computer Science & Information Technology, Devi Ahilya Vishwavidyalaya, Indore) was conducted on 17th 02.03.2019 & 03.03.2019 on a revised 50-points format addressing all the important teaching-learning parameters.

- The Review of Academic Audit reports were done during the departmental progress review conducted to monitor & to improve the departmental preparedness for accreditation and commitment towards quality; on 30th March, 2019. A presentation was given by the Heads of the Department which was reviewed along with Academic Audit Reports by the Hon'ble Chairman of HR Committee Prof. K.K. Aggarwal and board members Shri Prashant Mehta , Er Ramesh Agrawal and Shri Lokesh Saxena.

Administrative Audit:

- An Administrative Audit is conducted once every year.
- Administrative Audit was conducted on 24 June 2019 for following supporting departments: General Office, HR /Establishment, Security, Housekeeping / Guest House / Garden, EDC, Dispensary, Hostels
- Corrective actions were taken based on the report for improving the systems at the above departments.

6.5.2 Activities and support from the Parent – Teacher Association (at least three)

- Parent-Teacher meeting twice a year.
- Feedback Collection from parents twice a year.
- Parent meeting of the teacher association.

6.5.3 Development programmes for support staff (at least three)

- One Administrative Development Programme per year. (In-house)
- One Technical Training per year. (In-house)
- Need based domain specific trainings. (External)

6.5.4 Post Accreditation initiative(s) (mention at least three)

- Establishment of NPTEL Local Chapter for enhancement self learning culture.
- Development and implementation of Flexible curriculum.
- Digitization of Examination.
- Conduction of In-house Summer Internship Programme For I & II.
- Establishment of Numerical Index based Feedback and Assessment.
- Implementation of Bloom's Taxonomy for Mid Term and End Term Assessment.
- Induction Programme for I Year.
- Conduction of Value Aided Courses.
- Development of Smart Class Rooms.

6.5.5

- | | | | |
|----|-------------------------------------|-------------|------------|
| a. | Submission of Data for AISHE portal | : (Yes /No) | Yes |
| b. | Participation in NIRF | : (Yes /No) | Yes |
| c. | ISO Certification | : (Yes /No) | No |
| d. | NBA or any other quality audit | : (Yes /No) | Yes |

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-to)	Number of participants
2018	Two-days In-House workshop on assessment of CO-PO-PEO attainment	5-6 July, 2018	10:00 AM -5:00 PM	27
2018	Session on implementation of OBE and preparedness for accreditation with NBA Chairman	22/08/2018	2:30 PM -5:30 PM	35
2018	Six monthly progress review of Ph/D students-I	07/09/2018	February 2018 - August 2018	50
2018	Session of OBE coordinators with dean academics to review the implementation of OBE and attainment goals	12/09/2018	5:00 – 6.00 PM	28
2018	Review of CO attainments and Gap Analysis for Improvement	22/09/2018	10:00 AM -5:00 PM	All faculty
2018	On-line end semester question paper feedback for Nov-Dec, 2018	Nov. – Dec., 2018	Nov. – Dec., 2018	1020
2019	Interactive session of SWAYAM coordinators for policy formation	11/01/2019	One-day	18
2019	Soft copy submission of UG – Projects (B/Tech/) – 886 (B/Arch/) – 40 PG – Dissertations (All Stream) – 41 (Jan/ to June 2019)	January - May 2019	January - May 2019	
2019	Six monthly progress review of Ph/D students-II	07/03/2019	August 2018 - February 2019	47
2019	On-line end semester question paper feedback for April-May 2019	April - May 2019	April - May 2019	1005
2019	Interactive session of SWAYAM coordinators to review the results	2/05/2019	One Day	12

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period (from-to)	Participants	
		Female	Male
Gender Sensitization	28 July 2018	24	26

7.1.2 Environmental Consciousness and Sustainability. Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources

At Institute, a fundamental change is needed in the way we think about education's role in global development, because it has a catalytic impact on the well-being of individuals and the future of our planet. Now, more than ever, Institution has a responsibility to be in gear with 21st century challenges and aspirations, and foster the right types of values and skills that will lead to sustainable and inclusive growth, and peaceful living together. **With these objectives, Institute target is to become first Sustainable Development conscious Institution in the state of Madhya Pradesh.**

The Status & Targets for Sustainable Development Goals :

At present Institute is able to meet 14 SDGs with following level of achievements :

The SDGs	Direct Relevance with Education System	Institute Achievement Level (High/Moderate/Low)	Targets for next three years	Action taken
1. No Poverty	No	-	Low	<ol style="list-style-type: none"> Community services through NCC, NSS camps for awareness. Guidance and support for small scale enterprises through EDC cell. Guidance and support to nearby industries for their sustainable development so that they can provide employment opportunities to others. Research.
2. Zero Hunger	No	-	Low	<ol style="list-style-type: none"> Aware people in slum areas about nutrition, food habits and better job opportunities so that they can provide meals to their families and others. Research.
3. Good Health and Well-being	Yes	High	High	<ol style="list-style-type: none"> Enhancing health through better infrastructure facility. Medical facilities like medical camps and dispensary for better health of people. Support and guidance through counseling and expert talks to aware people about their well being

4. Quality Education	Yes	High	High	<ol style="list-style-type: none"> 1. Reforms already in action, 2. Implemented outcome based education, 3. Maintaining quality standards as per AICTE, NBA and NAAC accreditation criteria. 4. Adopted teaching and learning methodologies and curriculum to meet the challenges of learners of 21st century.
5. Gender Equality	Yes	High	High	<ol style="list-style-type: none"> 1. Developed equity action plan and appointed equity coordinator. 2. Providing equal education and employment opportunities for all genders. 3. Safe and secure work environment for women. 4. Vigilance & awareness through clubs and committees for women safety.
6. Clean Water and Sanitation	Yes	High	High	<ol style="list-style-type: none"> 1. Clean and safe water facilities through installed Reverse Osmosis (ROs) purifiers. 2. Sewage Treatment Plant has been installed. 3. Waste-to-compost plants have been installed. 4. Sufficient number of clean, safe and hygienic sanitation facilities in the campus.
7. Affordable and Clean Energy	Yes	Moderate	High	<ol style="list-style-type: none"> 1. Solar Plant has been installed and capacity will be increased. 2. Collaborative research activities on renewable and clean energy like solar energy. 3. Guidance and support to society for application of affordable energy.
8. Decent Work and Economic Growth	Yes	Moderate	High	<ol style="list-style-type: none"> 1. Implementation of policies for ethical practices in education, research and publications. 2. Comfortable work environment with ethics and professionalism. 3. Contribution to economic growth by providing jobs to students and employees, and promoting entrepreneurship and start-ups. 4. Regular monitoring and management of campus and support systems.
9. Industry, Innovation, & Infrastructure	Yes	Moderate	High	<ol style="list-style-type: none"> 1. Promoting and supporting innovative ideas and projects through innovation cell. 2. Infrastructure development of campus to cater the increase intake of students by upgrading infrastructure, class rooms and laboratories, and construction of new hostels. 3. Collaboration with industries for innovative and sustainable solutions for society.

				<p>4. Research on problems faced by industries and infrastructure development.</p> <p>5. Additional Lab Equipments to be installed in future for interdisciplinary research.</p>
10. Reducing Inequality	Yes	High	High	<p>1. Equal opportunities for fast and slow learners.</p> <p>2. Reducing inequalities in terms of caste, religion, and financial disparity by equal employment and education opportunities.</p> <p>3. Educating through Workshops, Counseling etc.</p>
11. Sustainable Cities and Communities	Yes	Low	Moderate	<p>1. Contributing society through research and collaborative projects.</p> <p>2. Developing and maintaining infrastructure through sustainable & low-cost methods and technologies.</p> <p>3. Improvement of green infrastructure in campus by amplifying green areas after consulting horticulture experts.</p> <p>4. Preservation of forests inside the campus.</p>
12. Responsible Consumption & Production	Yes	Moderate	High	<p>1. Enhancing use of digital mode, reducing power & paper consumption & waste management.</p> <p>2. Initiatives are taken for recycling the generated waste</p> <p>3. Initiatives are taken for Generation of power through smart grids.</p>
13. Climate Action	Yes	Moderate	High	<p>1. Conversion of waste to compost has been started.</p> <p>2. Moving towards zero energy buildings.</p> <p>3. Reduction in waste generation within the campus.</p> <p>4. Installation of plastic crushers to collect plastic waste separately.</p> <p>5. Segregation of waste generated in different bins like glass, plastic, wet, dry and construction.</p> <p>6. Awareness Camps for low Carbon foot prints.</p>
14. Life Below Water	No	-	Low	Research
15. Life on Land	Yes	Moderate	High	Improving the ecosystem for all living beings by preservation of forest area and development of green infrastructure
16. Peace, Justice, and Strong Institutions	Yes	Moderate	High	Empowerment at Micro level, Punitive actions for any hazards.
17. Partnerships for the Goals	Yes	Moderate	High	<p>1. Enhancing collaborations for SDG-4,7,9, 11, 12.</p> <p>2. Strengthen the capacity of the institution for inter-disciplinary research.</p>

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes.No	No. of Beneficiaries
Physical facilities	Yes	04
Provision for lift	Yes	04
Ramp. Rails	Yes	04
Braille Software.facilities	-	
Rest Rooms	Yes	04
Scribes for examination	-	
Special skill development for differently abled students	-	
Any other similar facility	1. Specially designed toilets for differently abled students 2. Wheel chair facility.	04

7.1.4 Inclusion and Situatedness Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2018-19	-	01	23/09/2018	Rally on Swachchhata Pakhawada	To protest the use of polythene	287
2018-19	-	01	29/09/2018	One Day Camp for Blinds	To aware & motivate the blind students of Aatm Jyoti Avasiya Drasti Heen Girls school.	48
2018-19	01	-	From 16/08/2018 on regular basis (Monday to Friday) at 4:30 P.M. to 6:30 P.M.	Literacy cum awareness programme	Continuously running literacy cum awareness programme for the underprivileged children in the institute premises since year 2011.	35
2018-19	01	.-	16/02/2019	Awareness Program on Engineering/ Technical Education	Awareness program on engineering education at Shaskeeya High School, Jamaahar Gaon	28

					In this programme volunteers are aware of them about the procedure of admission in Engineering/ Technical education, career opportunities in this field, preparation for entrance exam like IIT-JEE etc.	
2018-19	-	01	23/02/2019	One Day Camp for Distribution of Stationary	One day camp at Amar Jyoti School & Rehabilitation Centre, Near IT Park, Malanpur for distributing of stationary, fruits etc.	41
2018-19	-	01	02/03/2019	Donation of Drawing Sheet	Donation of rough drawing sheet at aatmjyoti Avasiya Drashtiheen Kanya Vidhyalay	52
2018-19	-	01	02/03/2019	Rally on AIDS Awareness	AIDS awareness	155

7.1.5 Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Faculty guide manual (FGM).	24.08.2019	A faculty guide manual (FGM) is being prepared (for a few identified courses) at the department level. The objective of the FGM is to prepare a strategic Lecture Plan for establishing standardized norms to achieve a desired level of uniformity in the teaching-learning practices of a particular course. Time, value percentage of conceptual, logical, analytical, numerical & application orientation teaching-learning including interactive & non interactive components are to be ascertained and documented to bring a certain standard to teaching.
Policy on Academic Ethics	24.08.2019	The policy document is circulated to all faculty, students & staff of the institute through a Google form, with a "I have read and I accept to abide by

		these guidelines” at the bottom, compulsory for all to accept.
Policy on Plagiarism	01.06.2019	<ul style="list-style-type: none"> The Institute has procured “Turnitin” plagiarism check software and it is accessible to all the stakeholders of the Institute. Moreover, at each department, one faculty member has been designated as “Turnitin Administrator” to create awareness, to train others and to handle issues, if any. In compliance to UGC Guidelines, a Departmental Academic Integrity Panel (DAIP) has been constituted. In addition, Institutional Academic Integrity Panel (IAIP) has also been constituted which will consider the submissions/ recommendations of DAIP. Permit up to 15-20% overall similarity index as acceptable (using turnitin plagiarism check software) provided that the highest similarity percentage from any one source is not greater than 4-6%. In case of self plagiarism, the permissible percentage may be slightly higher, say at 7-10% .

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from - to)	Number of participants
“Art of Living - SELP” (Student Excellence and Learning Program)	22.04.2019 to 27.04.2019	60
Induction program on Universal Human Values	16.08.2018 to 01.09.2018	910

(Report enclosed as Annexure - V)

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

- Enhancing use of digital mode, reducing power & paper consumption & waste management.
- Initiatives are taken for recycling the generated waste
- Conversion of waste to compost has been started.
- Moving towards zero energy buildings.
- Reduction in waste generation within the campus.
- Installation of plastic crushers to collect plastic waste separately.
- Segregation of waste generated in different bins like glass, plastic, wet, dry and construction.
- Awareness Camps for low Carbon foot prints.
- Paperless working with the use of digital communication and MIS.
- Using kitchen & garden waste making compost
- Effluent treatment of laboratory drain and reuse of the same of gardening.
- Rain water harvesting.
- Tree plantation programmes are organized.
- Following programs are organized by NSS unit of Institute for awareness about eco-friendly campus:

Plantation Programme:

National Service Scheme, MITS unit and CSE & IT department organised the plantation programme on 15/08/2018. The volunteers of NSS unit, MITS planted the 50 sibling in the institute campus. NSS again organised the plantation programme with first year students during their orientation programme on 25/08/2018 and plant the 90 sibling.

Rally on Swachchhata Pakhawada:

National Service Scheme, MITS unit and Electronics Engineering Department organised a rally during “Swachchhata Pakhawada” for protest the use of polythene on 23/09/2018 from MITS to Moorar Chauraha and 287 students/ volunteers of NSS unit MITS with programme officer were participated in this event.

Swachchhaya Bharat Abhiyan Rally:

National Service Scheme unit, MITS and Electrical Engineering department organized a rally on occasion of Gandhi Jayanti on Swachchhaya Bharat from MITS to 7 No Chauraha and take the “Swachchhata Shapath” with 244 students on 02/10/2018.

Environmental Awareness Programme:

NSS unit organized a awareness program on environment on 24/02/2019. Thirty Five students were participated in this event. This event organized by 2nd year students of Civil Engineering under the supervision of Prof Deepak Rastogi and NSS Programm Officer.

Anti Tabacoo Seminar:

NSS, Red Ribbon Club, Mechanical and Electronics Department organized a programme on ‘Anti Tabacoo’ on 09/03/2019 and 120 students were present in this event under the supervision of Prof Amit Aherwar and Prof Pooja Sahu.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (1500 words)

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://mitsgwalior.in/instbp.php>

BEST PRACTICE -1**1. Title: Faculty Feedback Index for improvement in teaching-learning**

2. Objectives of the practice: Though the academic system is making a transition from teacher-centric to learner-centric environment, the class room interaction with the teacher is still one of the most important factors in shaping the student careers. Some teachers are gifted with good teaching abilities while some do not possess these qualities, inherently.

The idea behind developing the faculty feedback model was to appreciate the faculty members for their plus points and to inspire them to improve their performance in areas where there is scope for improvement, for increasing the efficiency and effectiveness of the teaching-learning process.

3. The Context: The online feedback collection & Faculty Feedback Index (FFI) was started in July 2017. It was observed in the IQAC meeting that due to department level involvements, analysis and documentation was not uniform and the level of seriousness was low. Hence, this year feedbacks were analyzed centrally before dissemination to the departments for corrective action.

4. The Practice:

- In each semester, based on 13 parameters two mid-term on-line feedbacks are collected on a scale of 1 to 5, where 1 point is for 'below average' rating, 2 points for 'average', 3 for 'Good', 4 for 'Very Good' and 5 points for 'Excellent'.
- Based on the number of student responses, the Faculty Feedback Index (FFI) is calculated for each attribute using the following relation:

$$FFI = [(A \times 5) + (B \times 4) + (C \times 3) + (D \times 2) + (E \times 1)] / (A + B + C + D + E)$$

[Where A: Number of students who have rated the performance attribute as excellent; B: Number of students who have rated the performance as very good; C: Number of students who have rated the teacher performance for the concerned attribute as Good; D: Number of students who have rated]

- The FFI reflects the faculty performance for each attribute on a scale of 5.

5. The feedback analysis and report is shown to the concerned faculty member by the Head of the Department. This year appreciation letters were awarded to the faculty members who scored above 4.0 out of 5 in both feedbacks. Similarly, those who received a feedback below 3 were also intimated so that they can improve in the next feedback working on student responses.

6. **Evidence of Success:** This year(2018-19) 21% faculty members were appreciated, 5% were identified as low performers and the remaining 74% were found to be satisfactory. Most of the faculty members whose FFI was below 3 improved their performance in the next feedback. Similarly, the ones with FFI greater than 4 were encouraged and are since then performing better continuously. The practice has become more effective this year and students are also able to find the difference in teaching as faculty members are not casual in class now.

7. Problems Encountered and Resources Required:

- a. The practice does not require any additional infrastructure as the institute already has good wi-fi, internet facility and computational facilities.
- b. Initially, the students felt that it may be just a formality and their response was low but now after the appreciation/improvement letters were given to good and comparatively not so good teachers the practice is being taken seriously by both, students as well as teachers.

BEST PRACTICE-2

1. Title: MOODLE WORKING INDEX (MWI) for monitoring the status of e-learning.

2. **The Context:** MOODLE is an acronym for "Modular Object-Oriented Dynamic Learning Environment." It is an online educational platform that provides custom learning environments for students. The faculty members employ MOODLE to create lessons, manage courses, to conduct continuous assessment and to interact with students.

The MITS-MOODLE was launched on the 15th of August 2017 for providing an e-learning environment for interactive teaching, learning and evaluation for students and faculty.

All the 4155 students, 291 faculty members and staff are registered on MITS-MOODLE.

A team consisting of 34 faculty members from various departments was constituted to enter the following information and data & to coordinate the following TEN activities at the department level:

1. To enter course Code & course name
2. To enter course wise attendance
3. To enter Course Outcomes for all courses
4. To enter syllabus for all courses
5. To enter detailed lecture plan
6. To prepare and upload course wise Question Banks
7. To prepare & upload course files (consisting of PPT, Lecture Notes, tutorial questions, Study material, names of Reference Books etc)

8. To prepare and conduct on-line Quiz
9. To prepare & upload assignments/open ended questions
10. To collect on-line feedback for course outcomes for indirect assessment & course content for curriculum development exercise, before the Board of Studies meeting

The faculty and students also use MOODLE for academic communication, sending notices, surprise assignments and quiz, club activities, surveys etc. The General Enterprising Tendency (GET) test was also conducted using MOODLE. During one GIAN course MOODLE was extensively used.

In addition to these activities Faculty Satisfaction Survey, uploading of solutions of end term examination question papers are some other important academic activities which are being facilitated by the MOODLE.

3. **Objectives of the practice:** The MOODLE working index (MWI) was developed to periodically monitor the utilization of the 10 above listed different applications/features of the MOODLE for each department. The objective of starting this practice this year was to continuously monitor and review the effectiveness and functioning of the Institute MOODLE after completing one year of its implementation. As, without the active participation of all faculty members and students, this medium would not have been successful. In the present learner centric education the students need flexibility of learning in their own time, at their own place. The idea was to motivate and encourage faculty members towards use of modern techniques such as e-learning, blended teaching, flipped classes etc. The MWI was expected to make faculty members more organized and better prepared for usage of new teaching aids and tools. It was also noticed that students are not able to take notes in the classes and therefore waste lot of their valuable time in searching relevant content on the internet. The objective of MOODLE was to provide all information regarding the course well in advance to the students and improve their learning experience. The most important reason for developing MWI was to make faculty members familiar and friendly with MOODLE for the benefit of both faculty as well as students.
4. **The Practice:** At the beginning of the semester each faculty member enters the course(s) being taught, adds the syllabus, COs and other learning material listed above. Then the faculty adds the students for completing the academic interaction circle. Once this is done, the course mentor faculty gets connected with all students and vice versa through the MOODLE.

The MWI is computed department wise by taking a weighted average of categories (i) Poor (number of faculty using three or less out of the above listed ten features) (ii) Good (number of faculty using more than three but less than eight out of the ten features) and (iii) Excellent (number of faculty using more than seven out of the ten features). The three categories, Poor, Good & Excellent were assigned weights of zero, five and ten respectively.

The MWI has a maximum value of ten and it is designed to reflect the comprehensive MOODLE usage for a department. For example if there are Z number of total faculty members in a department out of which A are in category 'Poor', B are in category 'Good' and C are in category 'Excellent', based on their usage of the ten MOODLE features, then the MWI can be calculated as $MWI = \{(A \times \text{zero}) + (B \times 5) + (C \times 10)\} / Z$.

The MWI for each department was computed and circulated to the faculty three times in a semester. The results are displayed and discussed in the meeting of the HoDs and also in the IQAC. The MWI has a maximum value of ten and it is designed to reflect the comprehensive MOODLE usage for a department.

5. **Evidence of Success :** The development, computation and circulation of the department wise MWI thrice a semester was a huge success. It brought awareness among all faculty members that there is a need of making e-content available to the students in the present teaching-learning scenario. The MWI created a healthy competition between departments and non-active faculty members started feeling the need for getting active on MOODLE as their non performance on MOODLE was bringing down the MWI of their department. Once the initial hesitation was overcome, the faculty started enjoying this experience of e-teaching-learning. The teachers were now well prepared for the classes in advance and the content uploaded by them becomes readily available for their use also. The students as well as faculty members welcomed this new digital learning platform in the institute for easy access, dissemination, delivery and evaluation.

The MWI is found to continuously rise for each department from beginning of the semester to the end as all

faculty members strive to reach the 10/10 mark. Except one or two departments, all are recording a near convergence to 10 by the middle of the semester.

6. Problems Encountered and Resources Required: The institute has competent IT support and infrastructure in place; therefore no additional resources were required to start this practice. The only problem which was encountered was resistance from a few faculty members. But slowly through awareness sessions, in-house workshops and meetings all have now accepted the need of e-learning. The institute has also developed MOOC creation Centre and it is expected that large number of faculty members will be involved in creating their MOOCs for the institute purpose, due to the training of working on institute MOODLE.

7.3 Institutional Distinctiveness

7.3.1 Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Provide the weblink of the institution

<http://mitsgwalior.in/instdt.php>

“Institute Mission to achieve a better and more sustainable future for all-A Sustainable Development Goals approach.”

Preamble:

*The Sustainable Development Goals are the blueprint to achieve a better and more sustainable future for all. The Sustainable Development Goals address the **global challenges** we face, including those related to **poverty, inequality, climate change, environmental degradation, peace and justice**. The 17 Goals are all interconnected, and in order to leave no one behind. The Sustainable Development Goals (SDGs), also known as the Global Goals, were adopted by all United Nations Member States in 2015 as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace and prosperity by **2030**.*

The Sustainable Development Goals:

The following 17 sustainable development goals are defined with targets which can be measured through indicators.

The Sustainable Development Goals	
1. No Poverty	2. Zero Hunger
3. Good Health and Well-being	4. Quality Education
5. Gender Equality	6. Clean Water and Sanitation
7. Affordable and Clean Energy	8. Decent Work and Economic Growth
9. Industry, Innovation, & Infrastructure	10. Reducing Inequality
11. Sustainable Cities and Communities	12. Responsible Consumption & Production
13. Climate Action	14. Life Below Water
15. Life On Land	16. Peace, Justice, and Strong Institutions
17. Partnerships for the Goals	

Sustainable Development Goals in Education System:

*The Sustainable Development Goals are now an ambitious and universal agenda to transform our world. The UNESCO has been promoting Education for Sustainable Development (ESD) since 1992. Global issues – such as climate change – urgently require a shift in our lifestyles and a transformation of the way we think and act. To achieve this change, we need new skills, values and attitudes that lead to more sustainable societies. **Education systems** must respond to this pressing need by defining relevant learning objectives and learning contents, introducing pedagogies that empower learners, and urging their institutions to include sustainability principles in their management structures. The new 2030 Agenda for Sustainable Development clearly reflects this vision of the importance of an appropriate educational response.*

Education is explicitly formulated as a stand-alone goal (4). Numerous education-related targets and indicators are also contained within other Sustainable Development Goals (SDGs). Education is both a goal in itself and a means for attaining all the other SDGs. It is not only an integral part of sustainable development, but also a key enabler for it. That is why education represents an essential strategy in the pursuit of the SDGs.

Objectives of Institute for Sustainable Development Goals:

At Institute, a fundamental change is needed in the way we think about education's role in global development, because it has a catalytic impact on the well-being of individuals and the future of our planet. Now, more than ever, Institution has a responsibility to be in gear with 21st century challenges and aspirations, and foster the right types of values and skills that will lead to sustainable and inclusive growth, and peaceful living together. With these objectives, Institute target is to become first Sustainable Development conscious Institution in the state of Madhya Pradesh.

The Status & Targets for Sustainable Development Goals:

At present Institute is able to meet 14 SDGs with following level of achievements:

The SDGs	Direct Relevance with Education System	Institute Achievement Level (High/Moderate/Low)	Targets for next three years	Action taken
1. No Poverty		-	Low	1. Community services through NCC, NSS camps for awareness. 2. Guidance and support for small scale enterprises through EDC cell. 3. Guidance and support to nearby industries for their sustainable development so that they can provide employment opportunities to others. 4. Research.
2. Zero Hunger		-	Low	1. Aware people in slum areas about nutrition, food habits and better job opportunities so that they can provide meals to their families and others. 2. Research.
3. Good Health and Well-being	Yes	High	High	1. Enhancing health through better infrastructure facility. 2. Medical facilities like medical camps and dispensary for better health of people. 3. Support and guidance through counseling and expert talks to aware people about their well being
4. Quality Education	Yes	High	High	1. Reforms already in action, 2. Implemented outcome based education, 3. Maintaining quality standards as per AICTE, NBA and NAAC accreditation criteria. 4. Adopted teaching and learning methodologies and curriculum to meet the challenges of learners of 21 st century.
5. Gender Equality	Yes	High	High	1. Developed equity action plan and appointed equity coordinator. 2. Providing equal education and employment opportunities for all genders. 3. Safe and secure work environment for women. 4. Vigilance & awareness through clubs and committees for women safety.
6. Clean Water and Sanitation	Yes	High	High	1. Clean and safe water facilities through installed Reverse Osmosis (ROs) purifiers. 2. Sewage Treatment Plant has been installed. 3. Waste-to-compost plants have been installed. 4. Sufficient number of clean, safe and hygienic sanitation facilities in the campus.
7. Affordable and Clean Energy	Yes	Moderate	High	1. Solar Plant has been installed and capacity will be increased. 2. Collaborative research activities on renewable and clean energy like solar energy.

				3. Guidance and support to society for application of affordable energy.
8. Decent Work and Economic Growth	Yes	Moderate	High	<ol style="list-style-type: none"> 1. Implementation of policies for ethical practices in education, research and publications. 2. Comfortable work environment with ethics and professionalism. 3. Contribution to economic growth by providing jobs to students and employees, and promoting entrepreneurship and start-ups. 4. Regular monitoring and management of campus and support systems.
9. Industry, Innovation, & Infrastructure	Yes	Moderate	High	<ol style="list-style-type: none"> 1. Promoting and supporting innovative ideas and projects through innovation cell. 2. Infrastructure development of campus to cater the increase intake of students by upgrading infrastructure, class rooms and laboratories, and construction of new hostels. 3. Collaboration with industries for innovative and sustainable solutions for society. 4. Research on problems faced by industries and infrastructure development. 5. Additional Lab Equipments to be installed in future for interdisciplinary research.
10. Reducing Inequality	Yes	High	High	<ol style="list-style-type: none"> 1. Equal opportunities for fast and slow learners. 2. Reducing inequalities in terms of caste, religion, and financial disparity by equal employment and education opportunities. 3. Educating through Workshops, Counseling etc.
11. Sustainable Cities and Communities	Yes	Low	Moderate	<ol style="list-style-type: none"> 1. Contributing society through research and collaborative projects. 2. Developing and maintaining infrastructure through sustainable & low-cost methods and technologies. 3. Improvement of green infrastructure in campus by amplifying green areas after consulting horticulture experts. 4. Preservation of forests inside the campus.
12. Responsible Consumption & Production	Yes	Moderate	High	<ol style="list-style-type: none"> 1. Enhancing use of digital mode, reducing power & paper consumption & waste management. 2. Initiatives are taken for recycling the generated waste 3. Initiatives are taken for Generation of power through smart grids.
13. Climate Action	Yes	Moderate	High	<ol style="list-style-type: none"> 1. Conversion of waste to compost has been started. 2. Moving towards zero energy buildings. 3. Reduction in waste generation within the campus. 4. Installation of plastic crushers to collect plastic waste separately. 5. Segregation of waste generated in different bins like glass, plastic, wet, dry and construction. 6. Awareness Camps for low Carbon foot prints.
14. Life Below Water	No	-	Low	Research
15. Life On Land	Yes	Moderate	High	Improving the ecosystem for all living beings by preservation of forest area and development of green infrastructure
16. Peace, Justice, and Strong Institutions	Yes	Moderate	High	Empowerment at Micro level, Punitive actions for any hazards.
17. Partnerships for the Goals	Yes	Moderate	High	<ol style="list-style-type: none"> 1. Enhancing collaborations for SDG-4,7,9, 11, 12. 2. Strengthen the capacity of the institution for inter-disciplinary research.

Institute role:

Institute role is to enables all individuals to contribute to achieving the SDGs by equipping them with the knowledge and competencies which are needed to not only understand what the SDGs are about, but to become engaged in promoting the transformation needed. Institute has to Promote following cognitive domain, socio-emotional domain, behavioral domain key competencies for sustainability through transformation in system, policies, attitude, thinking, environment, infrastructure, curriculum & research:

- ✓ *Systems thinking competency*
- ✓ *Anticipatory competency*
- ✓ *Normative competency*
- ✓ *Strategic competency*
- ✓ *Collaboration competency*
- ✓ *Critical thinking*
- ✓ *Self-awareness competency*
- ✓ *Integrated problem-solving competency*

Approach for Implementation:

- ✓ *Integrating Education on SD in policies, strategies and programmes*
- ✓ *Integrating Education on SD in curricula & textbooks*
- ✓ *Integrating Education on SD in teacher education*
- ✓ *Promoting a whole-institution approach for SD*
- ✓ *Applying action-oriented transformative pedagogy*

Outcomes:

Institute will be able to contribute in achieving following SDGs through effective implementation of approach, through developing cognitive domain, socio-emotional domain, and behavioral domain key competencies among stakeholders & research & Innovation outcomes:

1. *End poverty in all its forms everywhere*
2. *End hunger, achieve food security and improved nutrition and promote sustainable agriculture*
3. *Ensure healthy lives and promote well-being for all at all ages*
4. *Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all*
5. *Achieve gender equality and empower all women and girls*
6. *Ensure availability and sustainable management of water and sanitation for all*
7. *Ensure access to affordable, reliable, sustainable and clean energy for all*
8. *Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all*
9. *Build infrastructure, promote inclusive and sustainable industrialization and foster innovation*
10. *Reduce inequality within and among countries*
11. *Make cities and human settlements inclusive, safe, resilient and sustainable*
12. *Ensure sustainable consumption and production patterns*
13. *Take urgent action to combat climate change and its impacts*
14. *Conserve and sustainably use the oceans, seas and marine resources for sustainable development*
15. *Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss*
16. *Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels*
17. *Strengthen the implementation and revitalize the global partnership for sustainable development*

8. Future Plans of action for next academic year (500 words)

- (i) NBA Accreditation of all eligible under graduate programs.
- (ii) NABL Accreditation of Laboratories.
- (iii) Establishment of institutional MOOC Development Centre.
- (iv) Development of MOOCS courses.
- (v) Examination reforms as per AICTE Mandate.
 - a. Online Examination
 - b. Valuation through IP address (user name & Password)
 - c. Question & evaluation based on OBE guidelines (Competencies, Bloom Taxonomy & Performance Indicators)
- (vi) MoUs with Industries for Internships.
- (vii) Offering Internships for students of other Institute.
- (viii) Value aided and skill development courses for students of other Institute.
- (ix) Starting following under graduate courses:
 - a. UG-Pharmacy
 - b. UG- Artificial Intelligence & Robotics
 - c. UG-IT with specialization in IoT
 - d. UG-Electrical with minor specialization in IoT
 - e. UG-Mathematics & Computing
- (x) Increase in intake in Architecture from 40 to.
- (xi) Start the minor degree in following field:
 - a. Chemoinformatics
 - b. Data Science
 - c. 3D Printing
- (xii) Development of Additional infrastructure as academic block.
- (xiii) Development of Business Development Centre.
- (xiv) Development of Tinkering / Innovation Lab.
- (xv) Financial support for Incubation/Innovation/start-ups.
- (xvi) Development of Life-long learning platform through online mode.
- (xvii) Development of smart grid simulation lab with DST-FIST level 0 support.
- (xviii) Implementation of the 17 sustainable development goals (SDG) of UN in the campus.
- (xix) Implementation of flexible curriculum with provision for minor specialization in allied discipline.
- (xx) Strengthening of industry interaction by offering courses in collaboration with industry.

(Dr. Pratesh Jayaswal)
Coordinator, IQAC

(Dr. R.K. Pandit)
Director
Chairperson, IQAC

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute affiliated to RGPV, Bhopal)

Website : www.mitsgwalior.in

Academic Calendar for ODD Semester: July 2018 to Dec 2018

(II yr.to Final year BE, B.Arch,M.E./M.Tech, MCA& Ph.D)

1. Online Registration : 25th June – 4th July 2018
2. Teaching Starts : 9th July 2018
3. Registration with late fee : 5th July - 9th July 2018
(With late fee Rs. 100/- per day)
(From 10th July 2018 registration only in exceptional cases with permission from Director & late fee of Rs. 2000/-)
4. Mid Semester Exam – I & Quiz : 23rd, 24th & 25th August 2018 (Thursday, Friday, Saturday)
5. Academic Audit : 25th August & 1st September 2018
6. Mid Semester Exam – II & Quiz : 16th - 18th October 2018 (Tuesday, Wednesday, Thursday)
7. Teaching Ends : 27th October 2018
8. Mid Semester Exam – III & Quiz : 25th to 27th October 2018 (Thursday, Friday, Saturday)
(See note 3 below)
9. Mid-semester Break : 5th to 8th November 2018
10. Founder's Day : 14th November, 2018
11. Online Exam form Submission : 15th Oct. – 1st November 2018
12. Online Exam form submission with late fee : 2nd November 2018 - Rs. 100/-
3rd to 9th November 2018 - Rs. 500/-
13. End-term Theory Exam/Practical Exam : 16th November to 5th December 2018
14. Result Declaration : 20th December 2018 onwards
15. Winter Break : 24th to 29th December 2018
16. Teaching starts (Even Semester) : 1st January, 2019

Note-

1. Students not having attendance as per the RGPV, Bhopal norms will not be allowed to appear in examination.
2. Exam fees will be deposited during Registration but it does not mean that the students are eligible to appear in the examination unless he/she fulfils the RGPV requirements.
3. Mid semester exam-III will be for those students who could not appear in previous mid-semester tests due to some valid reason and who have taken prior permission from the HoD.
4. The on-line examination for NPTEL/SWAYAM courses will be on 7th & 28th October 2018.

Important Instructions

1. Students are required to register for Odd Semester (July to December, 2018) only by online registration using their IMS ID. Online registration will start on 25th June, 2018. In case of any difficulty, the students can send a mail to ims@mitsgwalior.in.
2. Submission of registration documents (registration form, fee receipt etc.) is mandatory to complete the registration process.
3. Students who have forgotten their IMS password will need to apply for a new password by paying a fee of Rs. 50/-
4. The hardcopy printout of registration form and Affidavit/Undertaking (Available at www.antiragging.in) regarding not indulging in any act of ragging and indiscipline duly signed Parent/ guardian must be submitted in the department for completing the registration process.
5. Students are required to report to their concerned departments on 9th July 2018 at 10.00 am compulsorily.
6. For each student it is compulsory to appear in two mid semester examinations. The mid-semester marks will be awarded by taking the average of two mid-semester examination marks.
7. For II and III year students it is compulsory to register (free) for one SWAYAM course under the Self study/Seminar courses in scheme.
8. It is compulsory for all Ph.D. candidates who are registered at MITS research centre to register and submit the copy of fee receipts, registration letter from the university along with their progress reports duly signed by their supervisors in the office of the Dean, Academics.
9. Students are required to submit the Affidavit/Undertaking duly signed by their Parent/ guardian regarding fulfilling the attendance requirements and not indulging in any act of indiscipline. The format of the same is available on the Institute website.
10. The students whose results are not declared/not eligible for year promotion and applied for revaluation/Challenge case are required to provisionally register with the Class Coordinator with the undertaking that if they fail, their provisional registration may be treated as cancelled. Attendance during the period of provisional registration will be counted for fulfilling attendance requirements.
11. Students who are failing in previous semester courses are required to attend the Special Classes for remedial purposes.
12. Students are required to maintain a copy of the fee receipt for any further requirements and verification.

Dean Academics

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

Academic Calendar for EVEN Semester: Jan 2019 to June, 2019
(BE, B.Arch, M.E./M.Tech, MCA & Ph.D)

1. Online Registration : 20th to 27th December 2018
2. Teaching Starts : 1st January 2019
3. Registration with late fee : 28th to 31st December 2018
(With late fee Rs. 100/- per day)
(From 1st Jan. 2019 registration only in exceptional cases with permission from Director & late fee of Rs. 2000/-)
4. Mid Semester Exam – I & Quiz : 13th to 15th Feb. 2019 (Wednesday, Thursday, Friday)
5. Academic Audit : 23rd Feb. & 2nd March, 2019
6. MITS Day : 10th March, 2019
7. Mid-Semester Break : 20th to 23rd March 2019
8. Mid Semester Exam – II & Quiz : 28th to 30th March 2019 (Thursday, Friday & Saturday)
9. Mid Semester Exam – III & Quiz : 22nd to 24th April 2019 (Monday, Tuesday, Wednesday)
(See note 3 below)
10. Teaching Ends : 24th April 2019
11. Online Exam form Submission : 1st April – 19th April 2019
12. Online Exam form submission with late fee : 20th April 2019 - Rs. 100/-
22nd to 25th April 2019 - Rs. 500/-
13. End-term Theory Exam/Practical Exam : 29th April to 17th May 2019
14. Result Declaration : 1st June 2019 onwards
15. Summer Vacation/ Internship : 30th May to 29th June, 2019

Note-

1. Students not having attendance as per the RGPV, Bhopal norms will not be allowed to appear in examination.
2. Examination fees will be deposited during Registration but it does not mean that the students are eligible to appear in the examination unless he/she fulfils the RGPV requirements.
3. Mid semester exam-III will be for those students who could not appear in previous mid-semester tests due to some valid reason and who have taken prior permission from the HoD.

Important Instructions

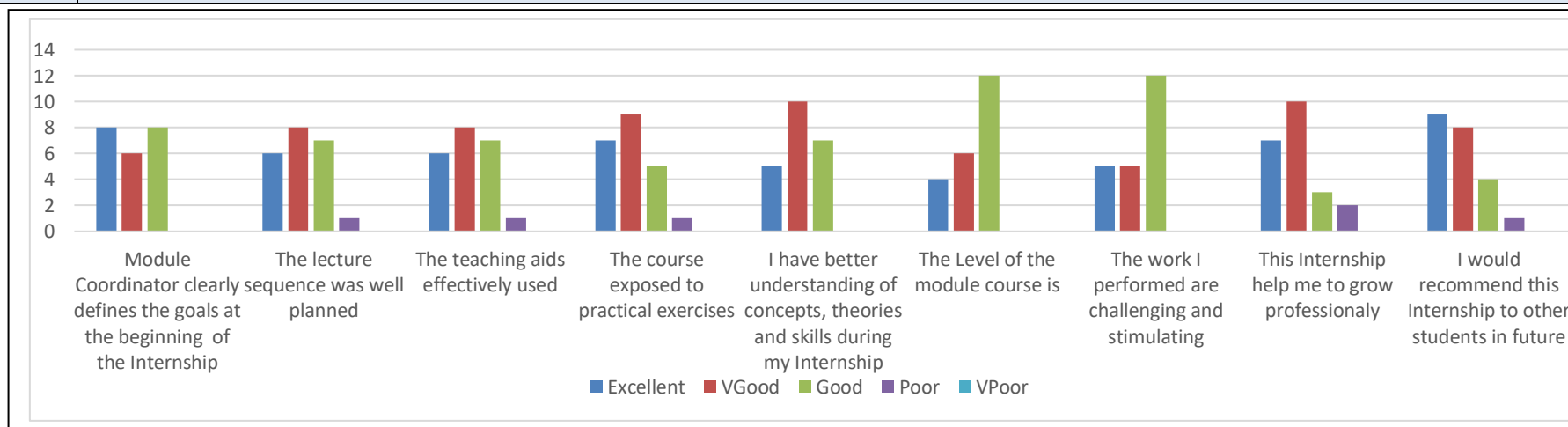
1. Students are required to register for Even Semester (January to May 2019) only by online registration using their IMS ID. Online registration will start from 20th December 2018. In case of any difficulty, the students can send a mail to ims@mitsgwalior.in.
2. Students who have forgotten their IMS password will need to apply for a new password by paying a fee of Rs. 50/-
3. Students are required to report to their concerned departments on 1st January 2019 compulsorily to complete the registration process.
4. For each student it is compulsory to appear in two mid semester examinations. The mid-semester marks will be awarded by taking the average of two mid-semester examination marks.
5. For II and III year students it is compulsory to register (free) for one SWAYAM course under the Self study/Seminar courses in scheme.
6. Students are required to submit the Affidavit/Undertaking duly signed by their Parent / guardian regarding fulfilling the attendance requirements and not indulging in any act of indiscipline. The format of the same is available on the Institute website.
7. The students whose results are not declared/not eligible for year promotion and applied for revaluation/Challenge case are required to provisionally register with the Class Coordinator with the undertaking that if they fail, their provisional registration may be treated as cancelled. Attendance during the period of provisional registration will be counted for fulfilling attendance requirements.
8. Students who are failing in previous semester courses are required to attend the Special Classes for remedial purposes.
9. Students are required to maintain a copy of the fee receipt for any further requirements and verification.

Dean Academics

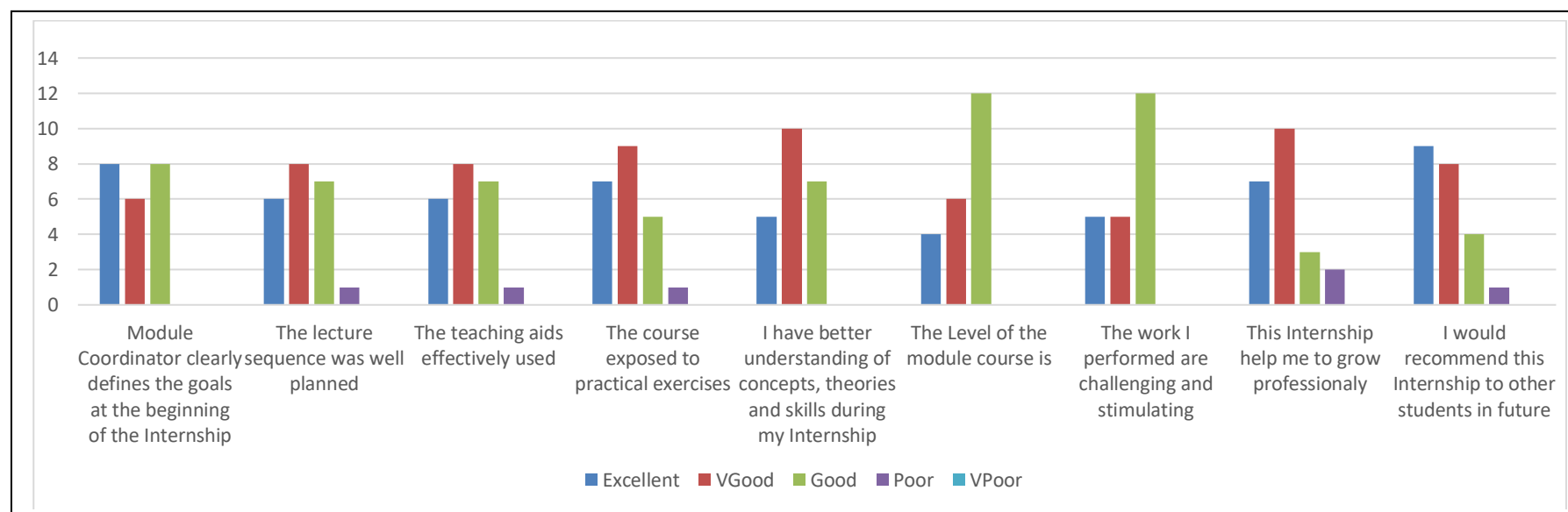
MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Summer Internship Feedback of UG I Year Students

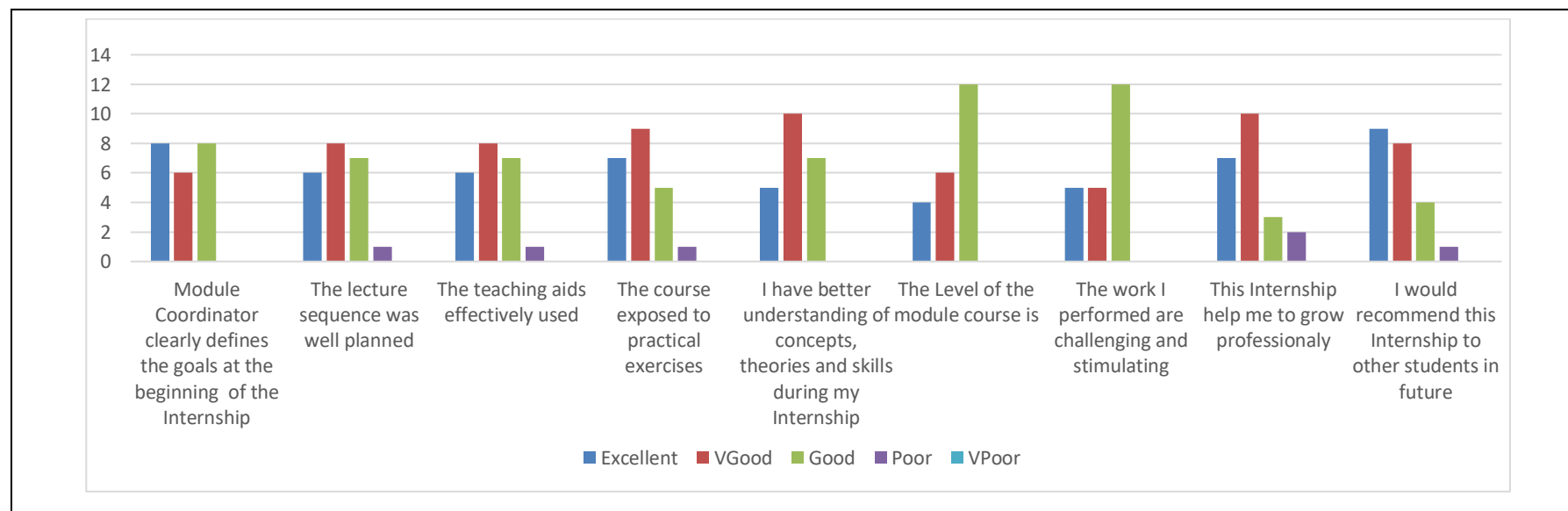
Department	Computer Science and Engineering								
Name of Module	Computer Hardware & Networking								
Name of Faculty Coordinators	Prof.DheerajGurjar								
Responses : 22									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	8	6	6	7	5	4	5	7	9
VGood	6	8	8	9	10	6	5	10	8
Good	8	7	7	5	7	12	12	3	4
Poor	0	1	1	1	0	0	0	2	1
VPoor	0	0	0	0	0	0	0	0	0
	4.0	3.9	3.9	4.0	3.9	3.6	3.7	4.0	4.1
Average	3.9								



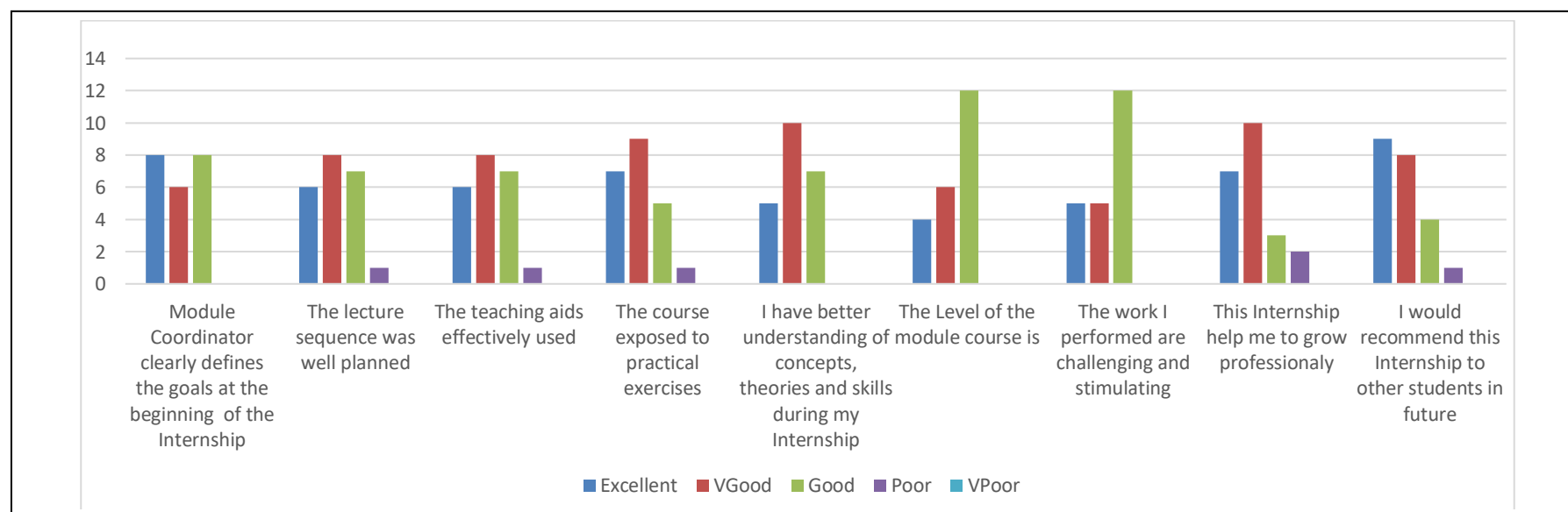
Department	Electrical Engineering								
Name of Module	Designing and modeling of Electrical Components								
Name of Faculty Coordinators	Prof.Nipun Gupta &Prof.TarunShrivastava								
Responses : 39									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	28	24	19	28	23	15	17	17	20
VGood	7	10	12	8	9	15	15	16	10
Good	3	3	7	1	2	7	5	3	6
Poor	0	1	0	1	3	2	2	2	2
VPoor	1	1	1	1	2	0	0	1	1
	4.6	4.4	4.2	4.6	4.2	4.1	4.2	4.2	4.2
Average	4.3								



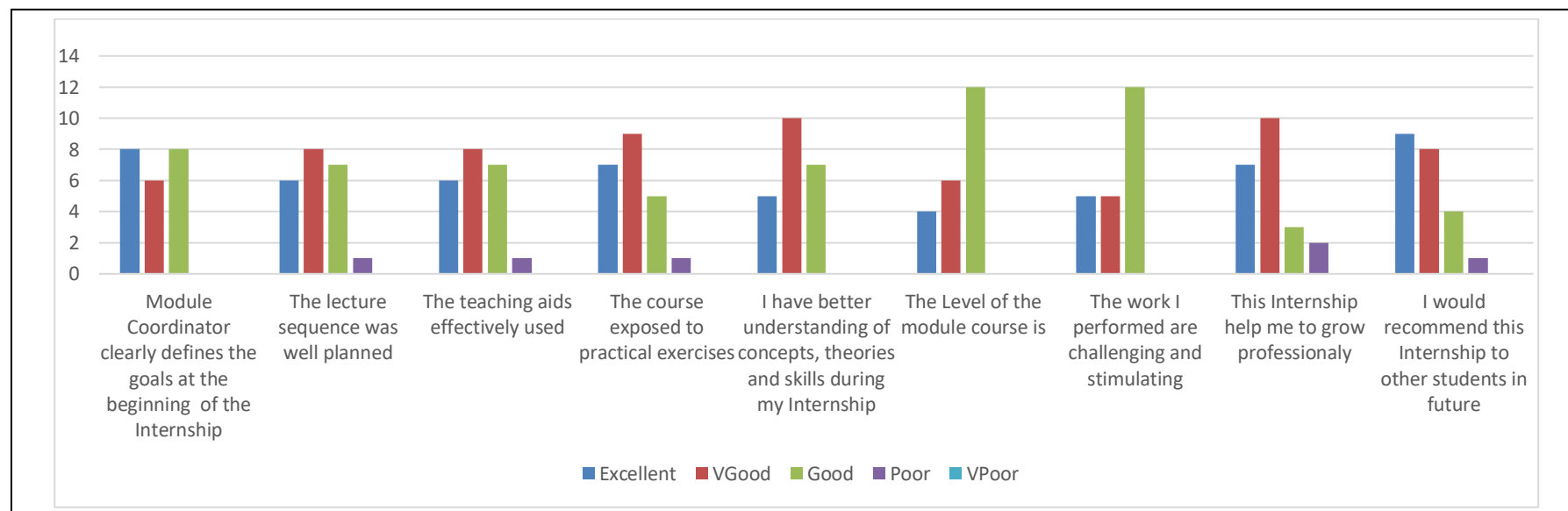
Department	Mechanical Engineering								
Name of Module	Dismantling & assembling of two strokes & four Stroke Engine.								
Name of Faculty Coordinators	Dr.Dharmendra Jain & Prof. K.K. Yadav								
Responses : 39									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	12	11	11	19	15	8	8	15	15
VGood	12	14	15	12	10	10	16	9	9
Good	10	7	7	5	11	16	9	8	9
Poor	4	6	4	3	3	5	5	6	3
VPoor	1	1	2	0	0	0	1	1	3
	3.8	3.7	3.7	4.2	3.9	3.5	3.6	3.8	3.8
Average	3.8								



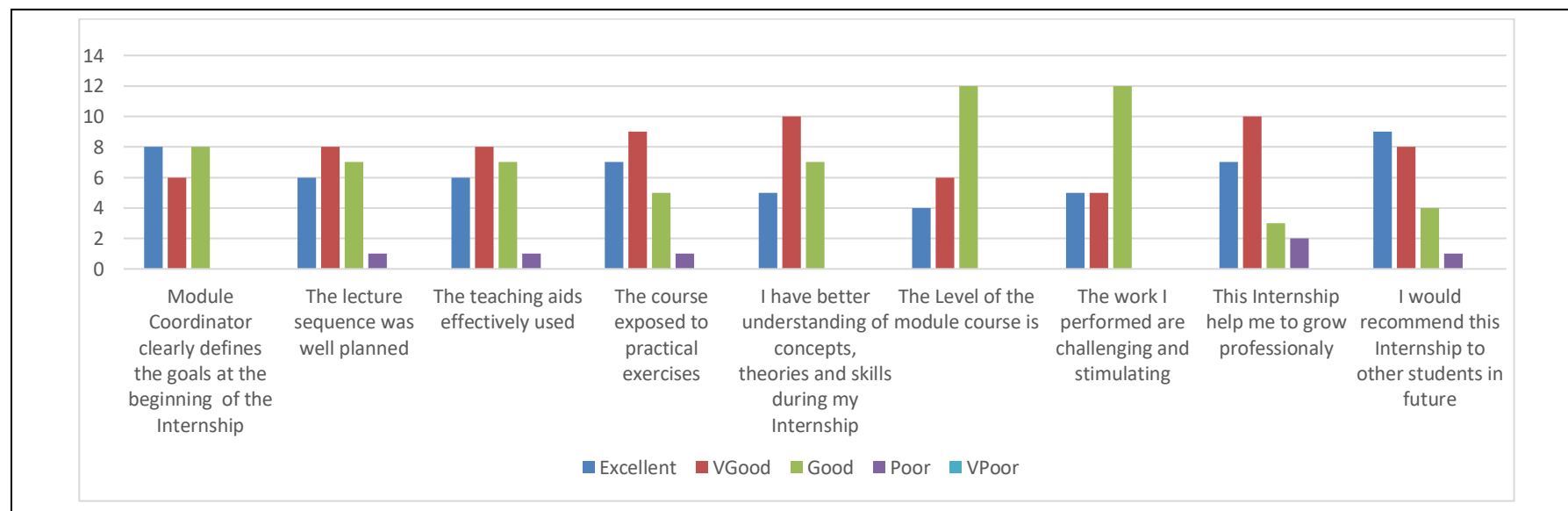
Department	Electrical Engineering								
Name of Module	Designing and modeling of Electronics Components								
Name of Faculty Coordinators	Prof. G K Naveen Kumar & Prof. Shailendra Pratap Singh								
Responses : 14									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	7	2	3	7	4	4	4	4	3
VGood	3	7	6	3	6	4	4	7	6
Good	2	3	3	2	2	5	5	2	3
Poor	0	0	1	0	1	0	0	0	1
VPoor	2	2	1	2	1	1	1	1	1
	3.9	3.5	3.6	3.9	3.8	3.7	3.7	3.9	3.6
Average	3.8								



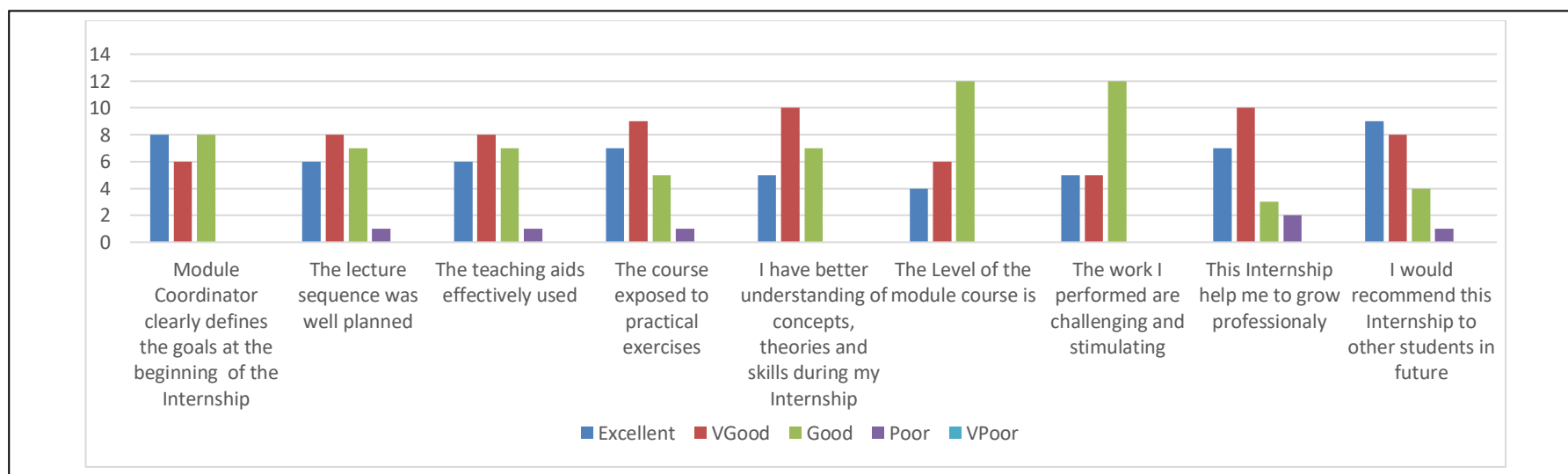
Department	Electrical Engineering								
Name of Module	Electricity usage for Domestic and Industrial application								
Name of Faculty Coordinators	Prof.AprajitaKumari&Prof. ShwetaKumari								
Responses : 10									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	5	5	3	5	4	2	4	5	4
VGood	1	1	3	2	3	5	2	3	2
Good	3	3	4	2	2	3	4	2	4
Poor	1	0	0	1	0	0	0	0	0
VPoor	0	1	0	0	1	0	0	0	0
	4.0	3.9	3.9	4.1	3.9	3.9	4.0	4.3	4.0
Average	4.0								



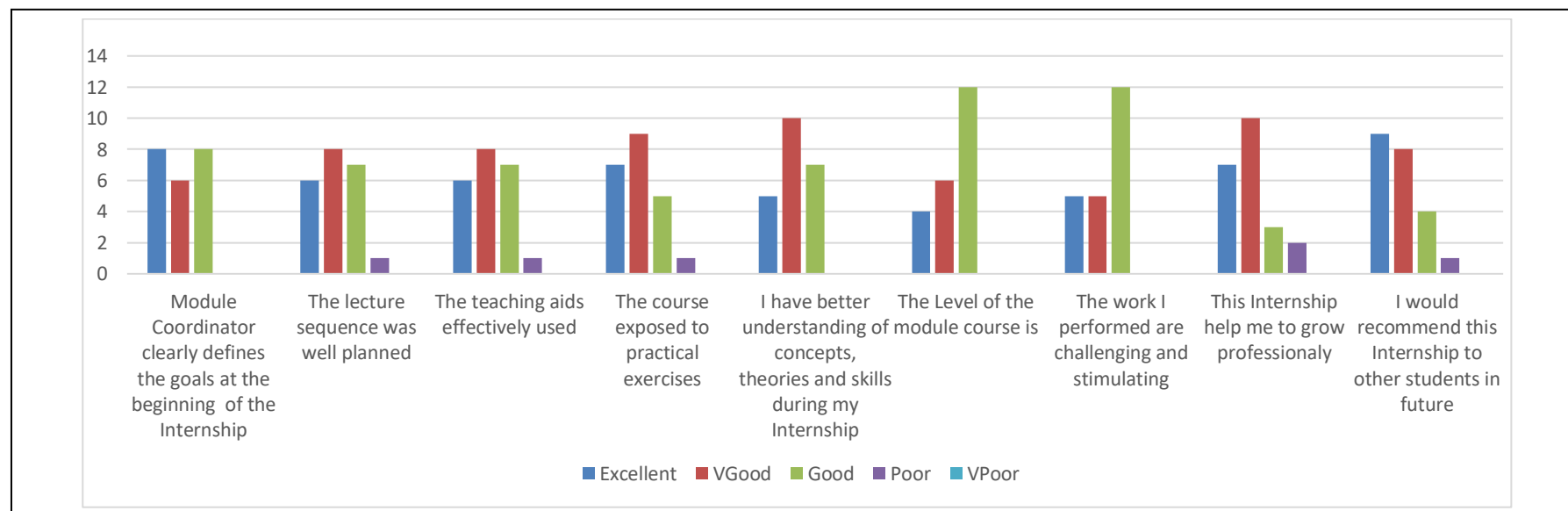
Department	Entrepreneurship Awareness Programme(EDC CELL)								
Name of Module	Entrepreneurship Awareness Programme								
Name of Faculty Coordinators	Dr.Prabhakar Singh Bhadouria								
Responses : 06									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	5	2	3	3	4	2	2	3	4
VGood	1	1	2	1	2	3	2	3	1
Good	0	2	1	1	0	1	2	0	1
Poor	0	0	0	1	0	0	0	0	0
VPoor	0	1	0	0	0	0	0	0	0
	4.8	3.5	4.3	4.0	4.7	4.2	4.0	4.5	4.5
Average	4.3								



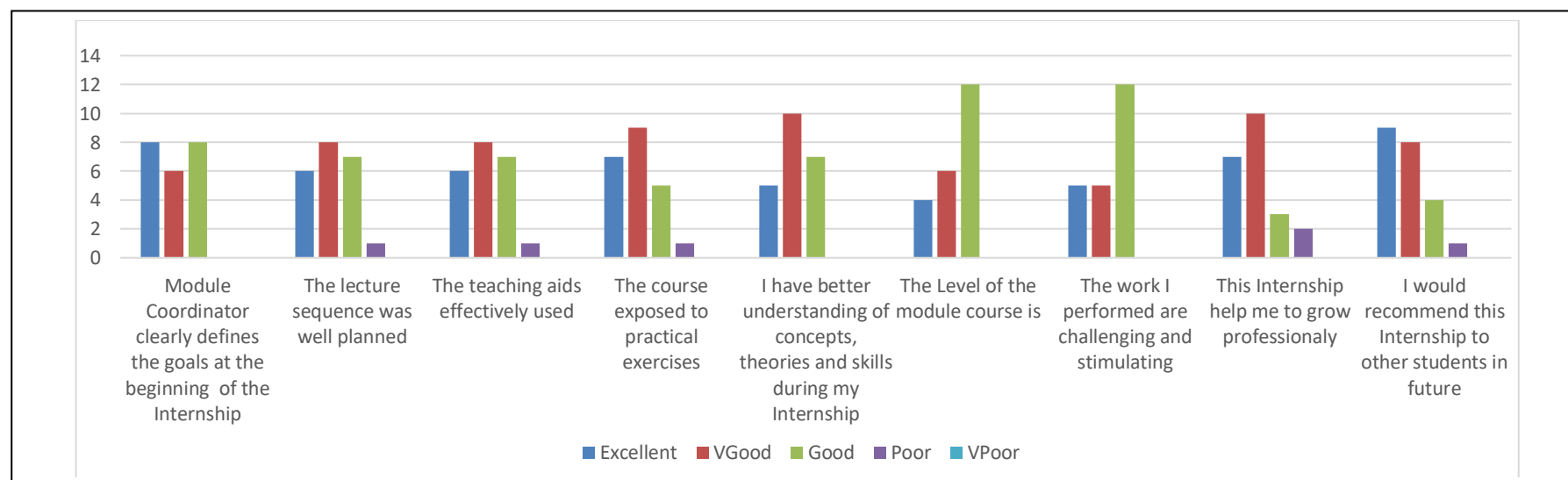
Department	Computer Science & Engineering								
Name of Module	Google Services								
Name of Faculty Coordinators	Mr.AbhilashSonkar								
Responses : 06									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	3	1	1	2	2	0	2	3	2
VGood	3	4	2	4	2	1	2	1	1
Good	0	1	3	0	2	5	2	2	3
Poor	0	0	0	0	0	0	0	0	0
VPoor	0	0	0	0	0	0	0	0	0
	4.5	4.0	3.7	4.3	4.0	3.2	4.0	4.2	3.8
Average	4.0								



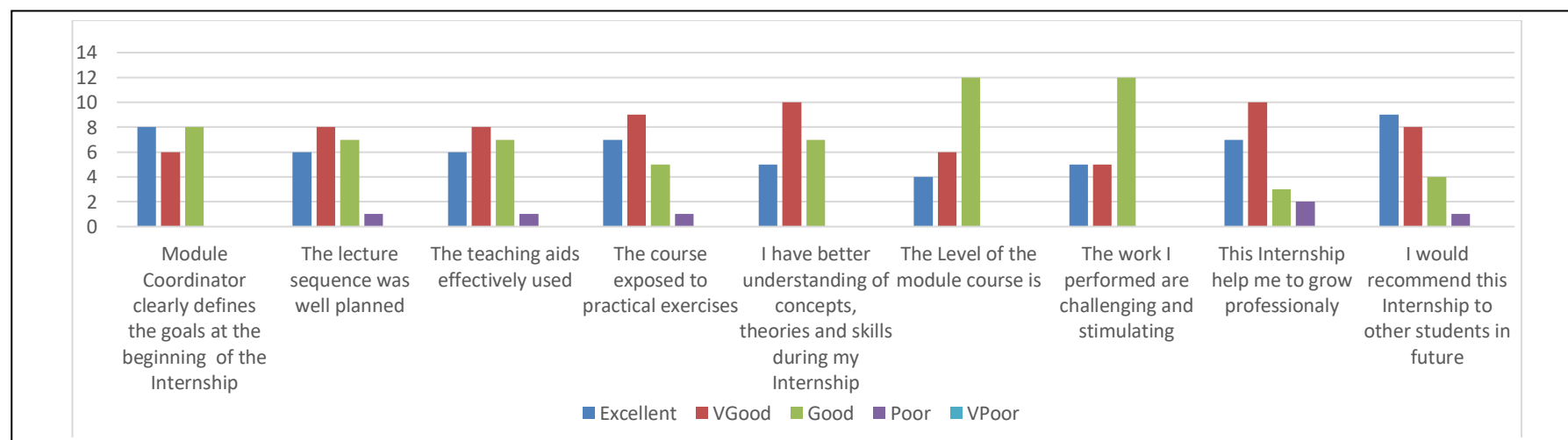
Department	Mechanical Engineering								
Name of Module	Introduction to Auto CAD for Engineering Applications								
Name of Faculty Coordinators	Prof. Utkarsh&shrivastava&Prof. DhruvMaggu								
Responses : 38									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	23	20	20	23	23	9	14	18	22
VGood	10	11	13	12	10	17	15	11	9
Good	5	4	3	2	3	9	6	7	5
Poor	0	3	2	1	2	2	3	2	2
VPoor	0	0	0	0	0	1	0	0	0
	4.5	4.3	4.3	4.5	4.4	3.8	4.1	4.2	4.3
Average	4.3								



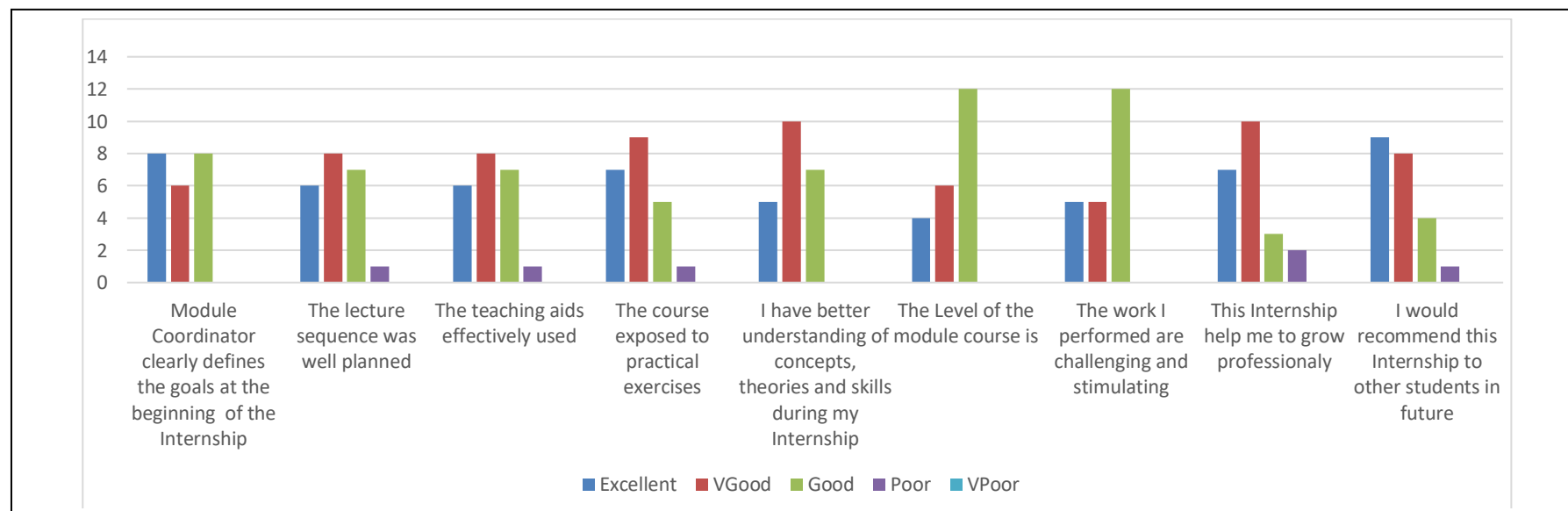
Department	Electrical Engineering								
Name of Module	Introduction to MATLAB programming for Engineering applications								
Name of Faculty Coordinators	Prof.PunjanDohare&Prof. Rahul Sagwal								
Responses : 20									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	11	11	10	10	9	3	5	7	9
VGood	7	5	5	6	6	7	9	8	6
Good	1	3	3	2	4	10	5	2	1
Poor	1	1	1	2	1	0	1	3	1
VPoor	0	0	1	0	0	0	0	0	3
	4.4	4.3	4.1	4.2	4.2	3.7	3.9	4.0	3.9
Average	4.1								



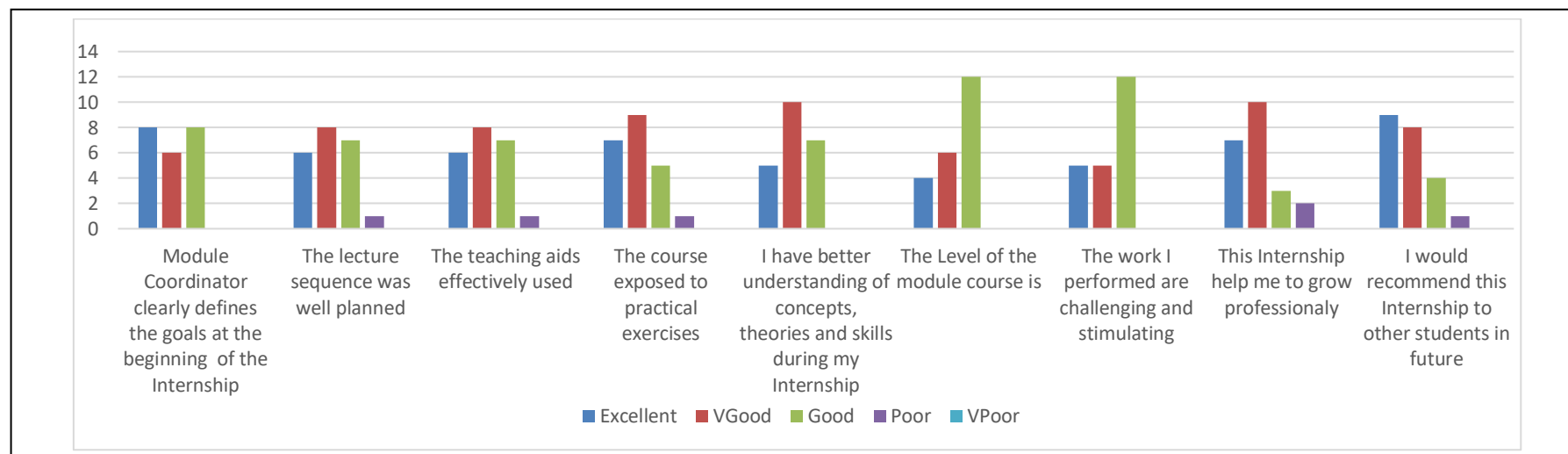
Department	Computer science & Engineering								
Name of Module	Problem Solving Through Programming								
Name of Faculty Coordinators	Mr.Sheo Kumar								
Responses : 19									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	7	2	2	8	7	3	4	6	4
VGood	8	8	10	7	6	5	10	5	7
Good	2	5	3	2	3	9	4	5	2
Poor	2	3	1	2	1	1	1	3	1
VPoor	0	1	3	0	2	1	0	0	5
	4.1	3.4	3.4	4.1	3.8	3.4	3.9	3.7	3.2
Average	3.7								



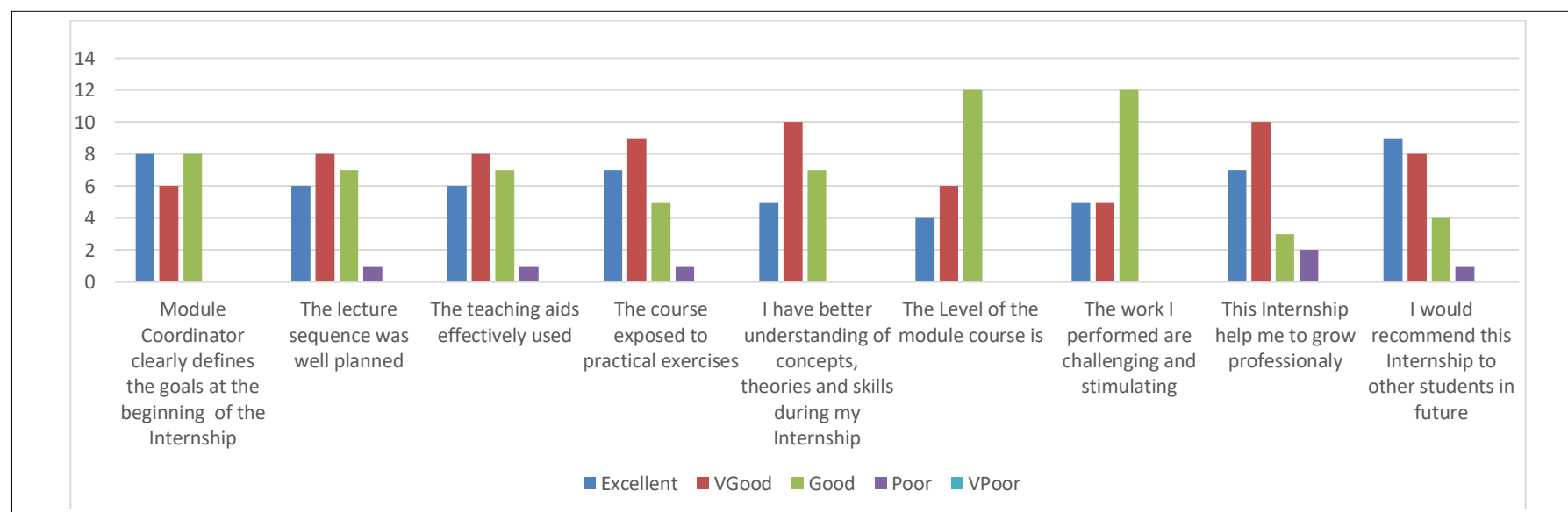
Department	Chemical Engineering								
Name of Module	Utility of Heat Transfer in Process Industry								
Name of Faculty Coordinators	Prof. ArtiSahu& Prof. Sulochana Nagar								
Responses : 10									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	4	3	2	0	2	0	1	2	3
VGood	3	5	3	2	5	5	2	2	1
Good	3	2	4	3	2	3	7	3	6
Poor	0	0	1	1	1	2	0	3	0
VPoor	0	0	0	4	0	0	0	0	0
	4.1	4.1	3.6	2.3	3.8	3.3	3.4	3.3	3.7
Average	3.5								



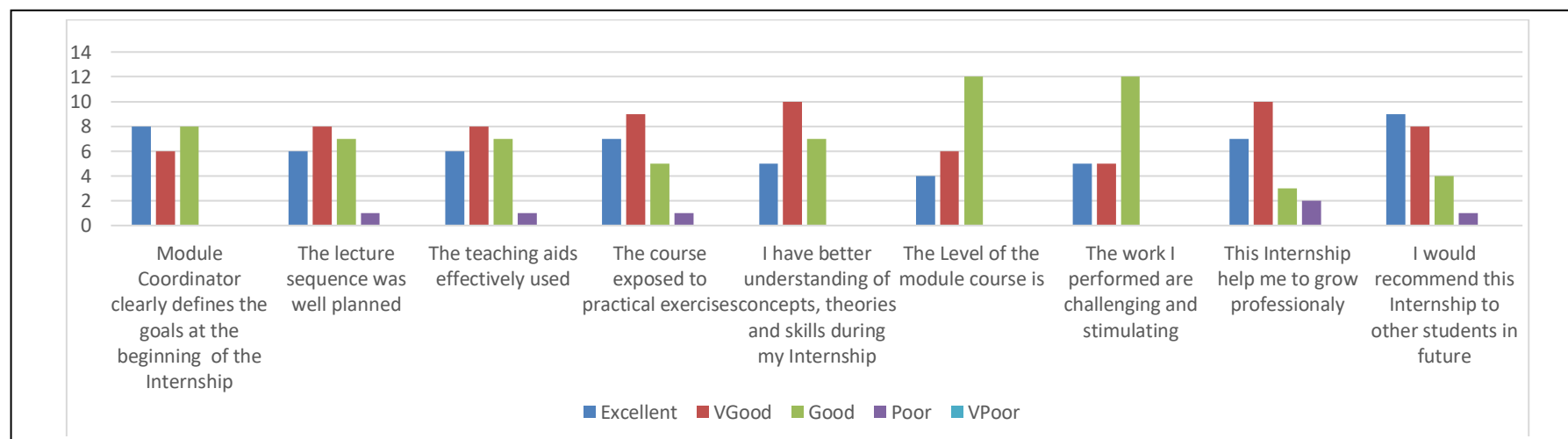
Department	Civil Engineering								
Name of Module	Use of Modern of Surveying Techniques in Survey Works								
Name of Faculty Coordinators	Prof. Shivam Gupta & Prof. SauravKakani								
Responses : 25									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	17	13	13	19	18	8	15	16	21
VGood	6	10	9	5	5	12	8	6	2
Good	2	2	3	0	1	4	2	2	1
Poor	0	0	0	1	0	1	0	1	0
VPoor	0	0	0	0	1	0	0	0	1
	4.6	4.4	4.4	4.7	4.6	4.1	4.5	4.5	4.7
Average	4.5								



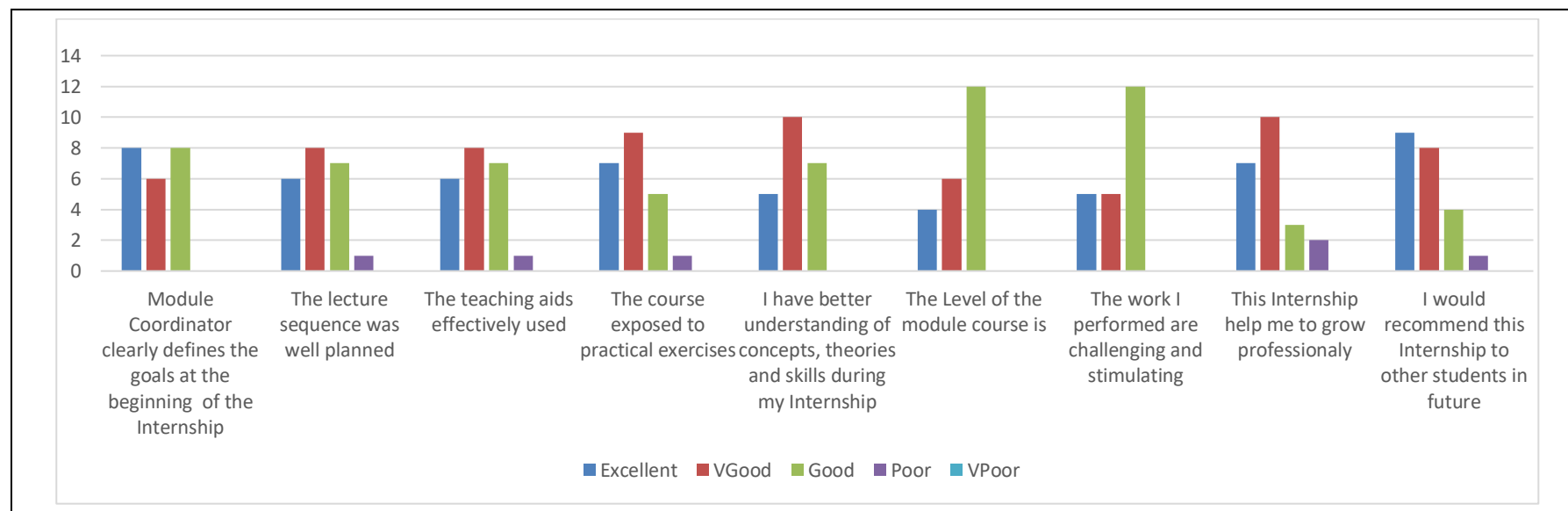
Department	Computer science & Engineering								
Name of Module	Internet of Things (IoT)								
Name of Faculty Coordinators	Ms.PoojaAgrawal								
Responses : 35									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	29	22	31	29	27	16	18	20	26
VGood	5	11	2	5	7	9	12	11	8
Good	0	2	2	1	1	10	4	3	1
Poor	0	0	0	0	0	0	0	0	0
VPoor	1	0	0	0	0	0	1	1	0
	4.7	4.6	4.8	4.8	4.7	4.2	4.3	4.4	4.7
Average	4.6								



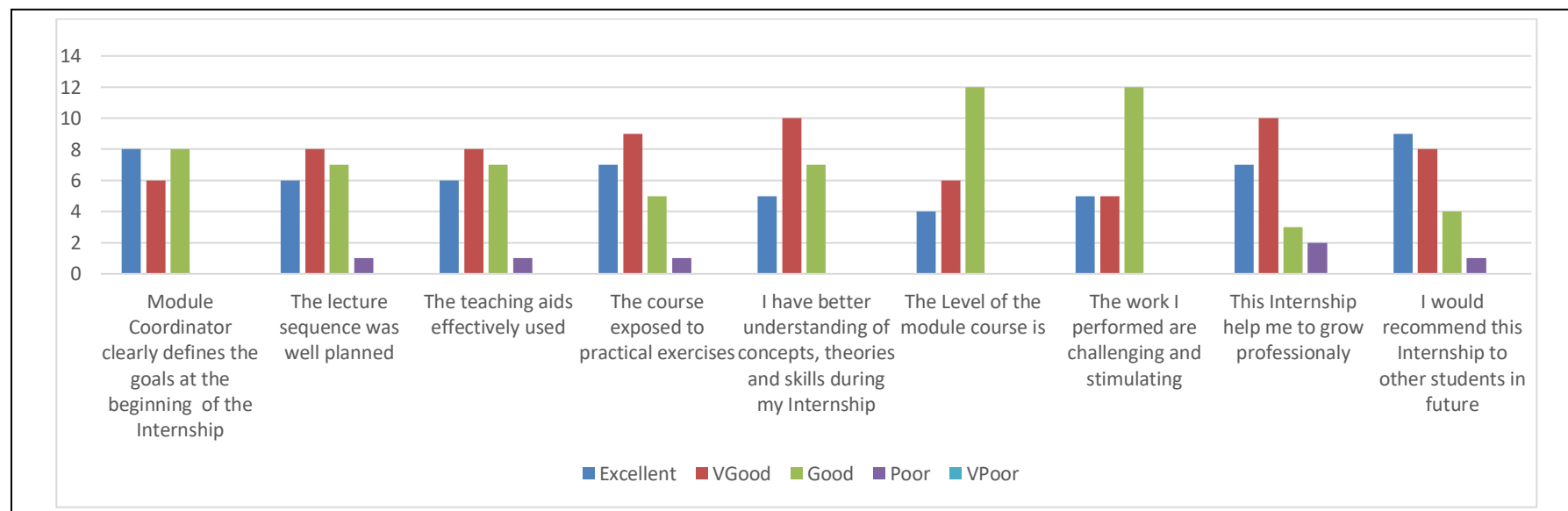
Department	Electronics Engineering								
Name of Module	Training on PCB Designing & Circuit Wizard								
Name of Faculty Coordinators	Dr.VikasMahor and Prof. RakeshNaik								
Responses : 30									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	13	15	12	15	12	5	13	10	18
VGood	15	10	14	14	12	14	10	15	10
Good	2	5	3	0	5	11	5	4	1
Poor	0	0	0	1	1	0	2	0	1
VPoor	0	0	1	0	0	0	0	1	0
	4.4	4.3	4.2	4.4	4.2	3.8	4.1	4.1	4.5
Average	4.2								



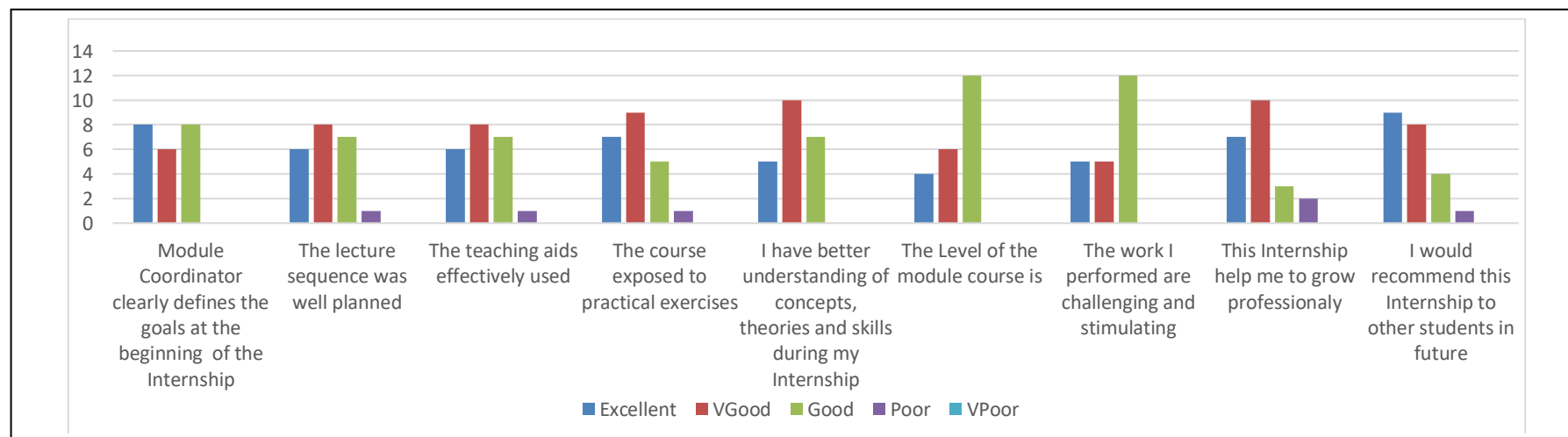
Department	Civil Engineering								
Name of Module	Understanding of Building and Structural Elements through Model Making								
Name of Faculty Coordinators	Prof. Pratibha Singh and Prof. Shivendra Singh Kushwaha								
Responses : 22									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	9	7	6	9	10	6	11	7	10
VGood	7	2	7	7	5	9	7	8	6
Good	2	8	4	3	3	3	0	2	1
Poor	3	3	1	2	3	2	2	3	2
VPoor	1	2	4	1	1	2	2	2	3
	3.9	3.4	3.5	4.0	3.9	3.7	4.0	3.7	3.8
Average	3.8								



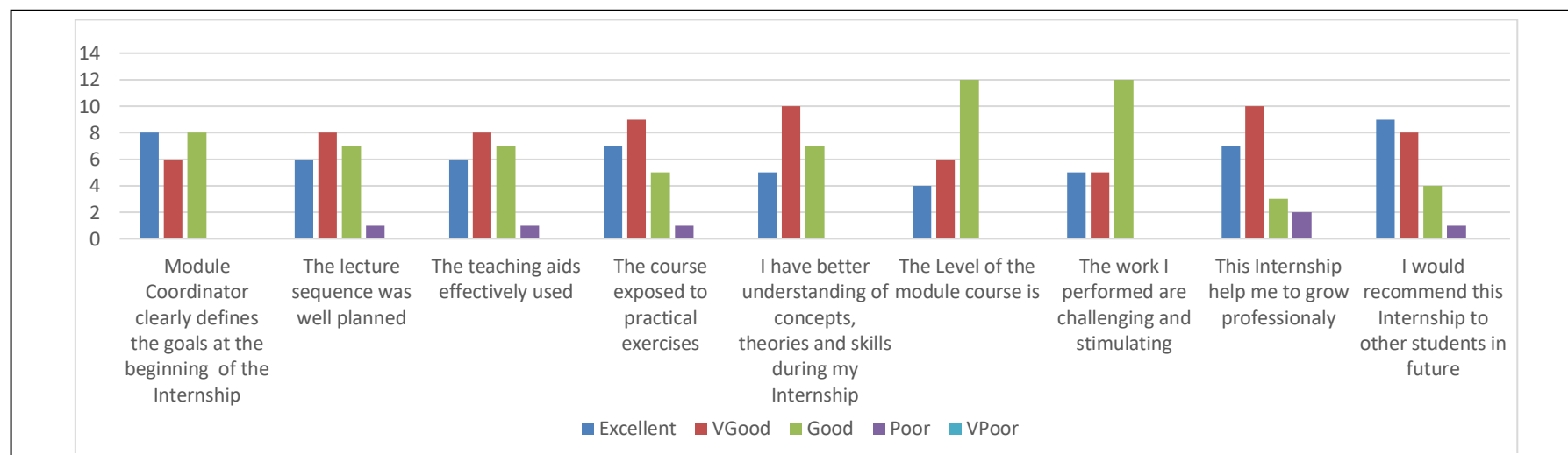
Department	Computer science & Engineering								
Name of Module	Android Based Application Development.								
Name of Faculty Coordinators	Mr. Mahesh Parmar								
Responses : 14									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	2	5	3	7	5	3	5	5	6
VGood	7	2	8	6	4	7	6	5	5
Good	4	8	3	2	2	4	2	4	3
Poor	1	0	1	0	2	0	2	0	0
VPoor	0	0	0	0	1	0	0	0	0
	3.7	3.8	3.9	4.3	3.7	3.9	3.9	4.1	4.2
Average	4.0								



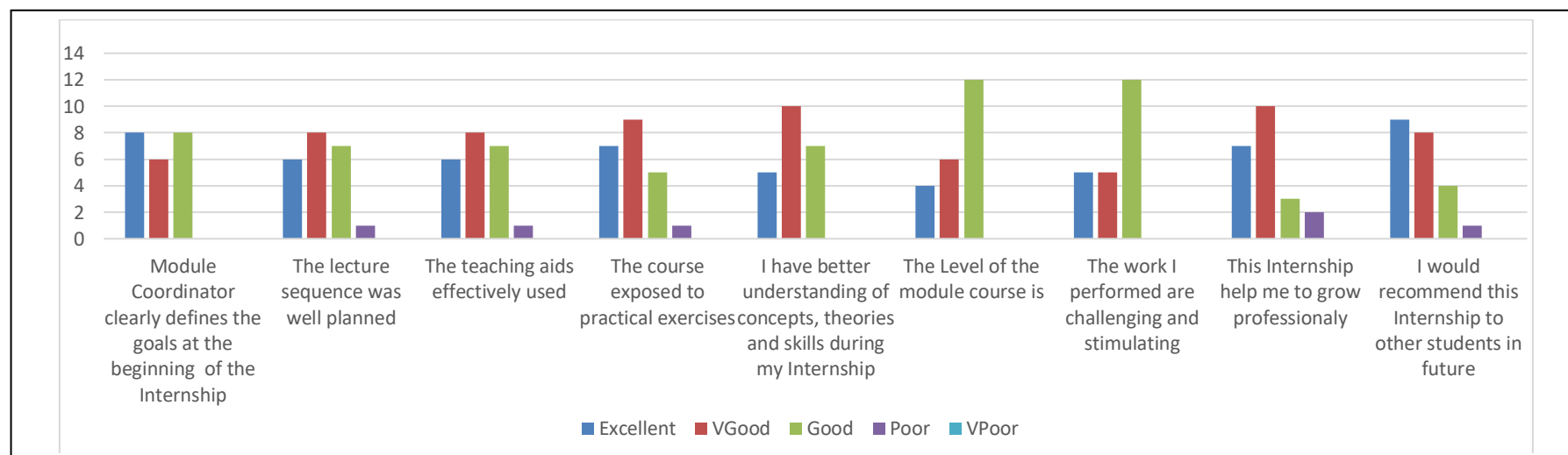
Department	Computer science & Engineering								
Name of Module	Front End Web Developer								
Name of Faculty Coordinators	Mr.LavUpadhyay								
Responses : 22									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	13	10	8	14	7	5	6	11	15
VGood	8	10	10	7	11	8	10	7	4
Good	1	0	2	0	3	9	5	3	2
Poor	0	0	2	1	0	0	1	1	0
VPoor	0	2	0	0	1	0	0	0	1
	4.5	4.2	4.1	4.5	4.0	3.8	4.0	4.3	4.5
Average	4.2								



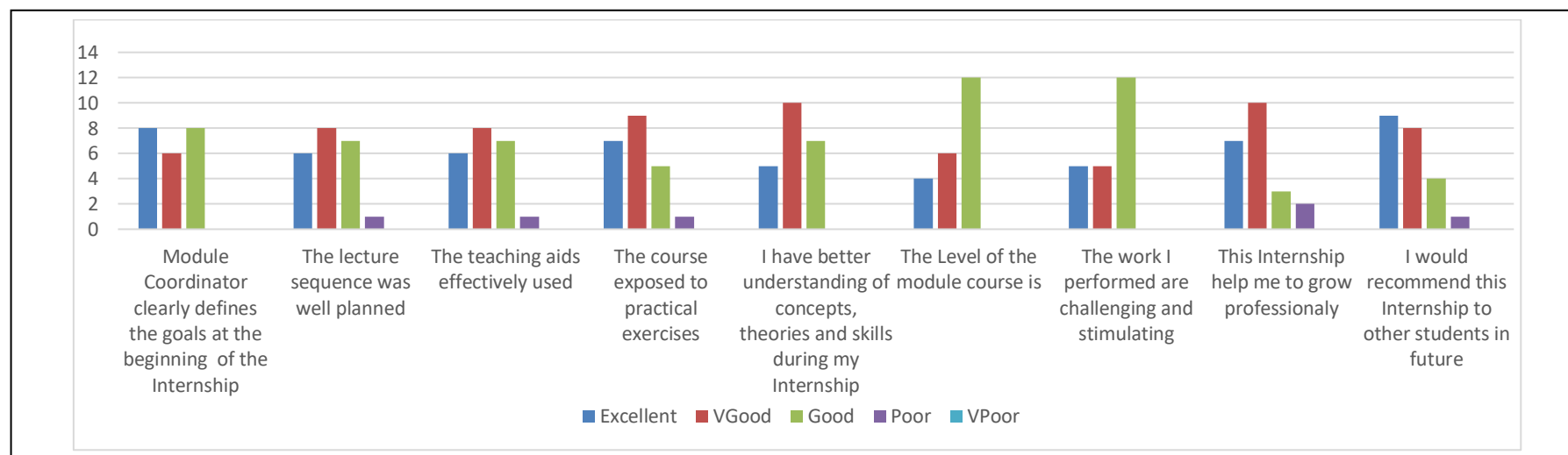
Department	Electronics Engineering								
Name of Module	Python for Engineers								
Name of Faculty Coordinators	Prof. Saurabh Singh Raghuvanshi								
Responses : 38									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	21	26	15	20	12	8	13	16	14
VGood	13	8	19	15	18	18	21	14	15
Good	2	2	2	2	6	9	3	6	5
Poor	1	1	1	0	1	2	1	1	2
VPoor	1	1	1	1	1	1	0	1	2
	4.4	4.5	4.2	4.4	4.0	3.8	4.2	4.1	4.0
Average	4.2								



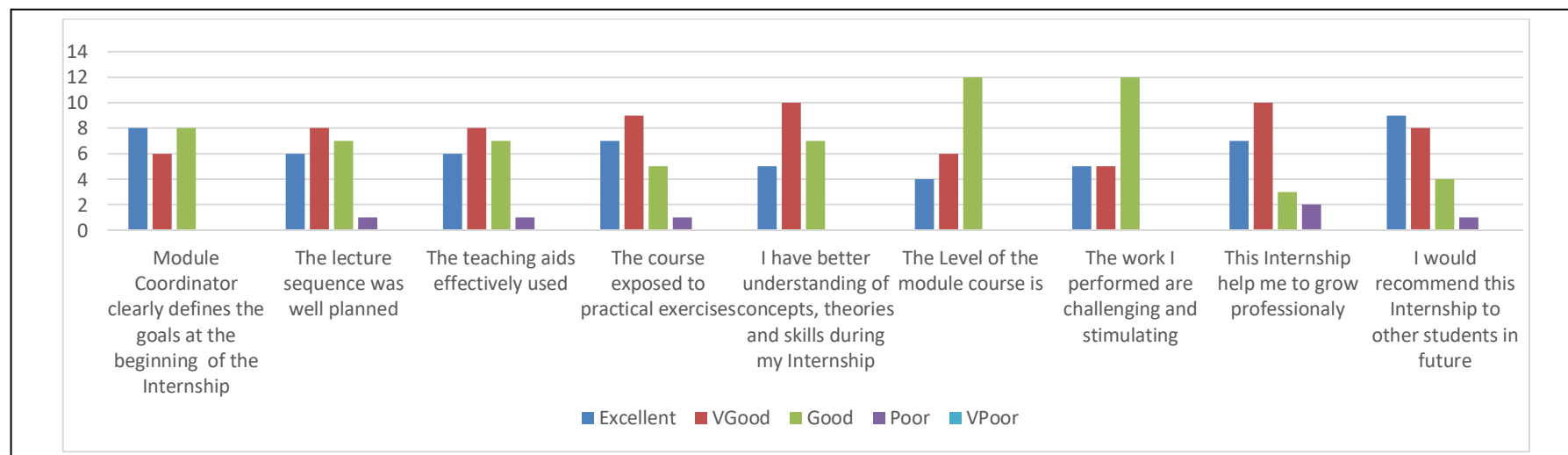
Department	Computer Science & Engineering								
Name of Module	Python Programming With Applications To Machine Learning								
Name of Faculty Coordinators	Mr. Mir Shahnawaz Ahmad								
Responses : 42									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	25	23	18	18	21	8	11	15	21
VGood	15	14	18	16	15	17	19	17	16
Good	2	5	5	8	5	17	12	8	4
Poor	0	0	1	0	1	0	0	2	0
VPoor	0	0	0	0	0	0	0	0	1
	4.5	4.4	4.3	4.2	4.3	3.8	4.0	4.1	4.3
Average	4.2								



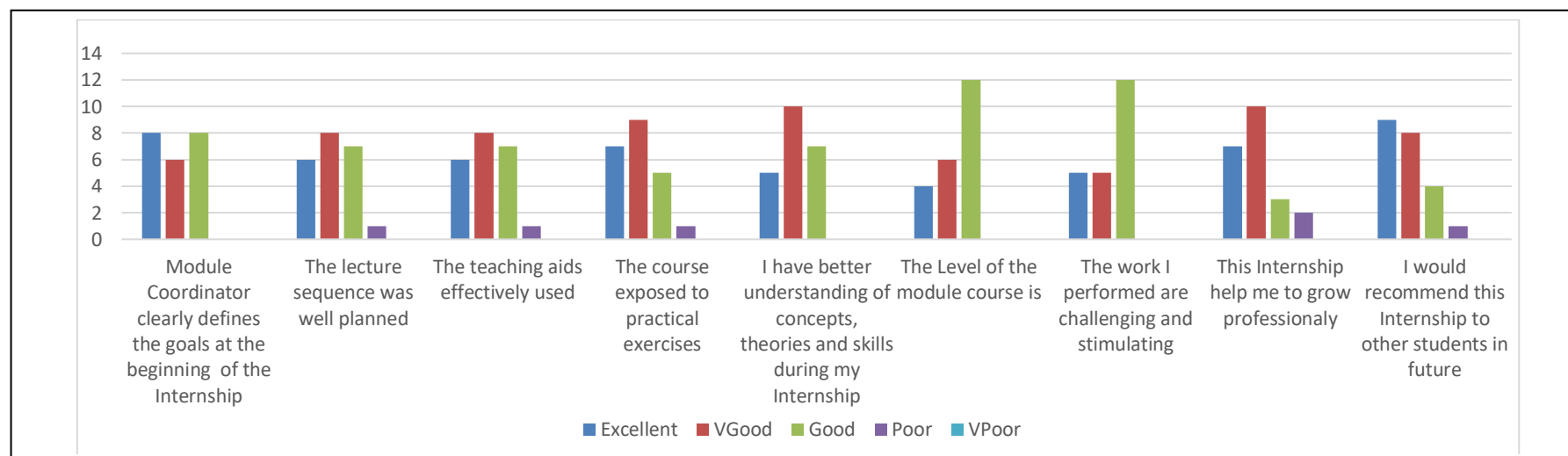
Department	Electrical Engineering								
Name of Module	Introduction to Solar Photovoltaic and application of power Electronics switches in Solar Inverter								
Name of Faculty Coordinators	Prof. SaurabhK.RajputandProf. Manoj Kumar								
Responses : 11									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	4	7	5	6	7	3	4	6	7
VGood	7	4	6	5	4	8	7	5	4
Good	0	0	0	0	0	0	0	0	0
Poor	0	0	0	0	0	0	0	0	0
VPoor	0	0	0	0	0	0	0	0	0
	4.4	4.6	4.5	4.5	4.6	4.3	4.4	4.5	4.6
Average	4.5								



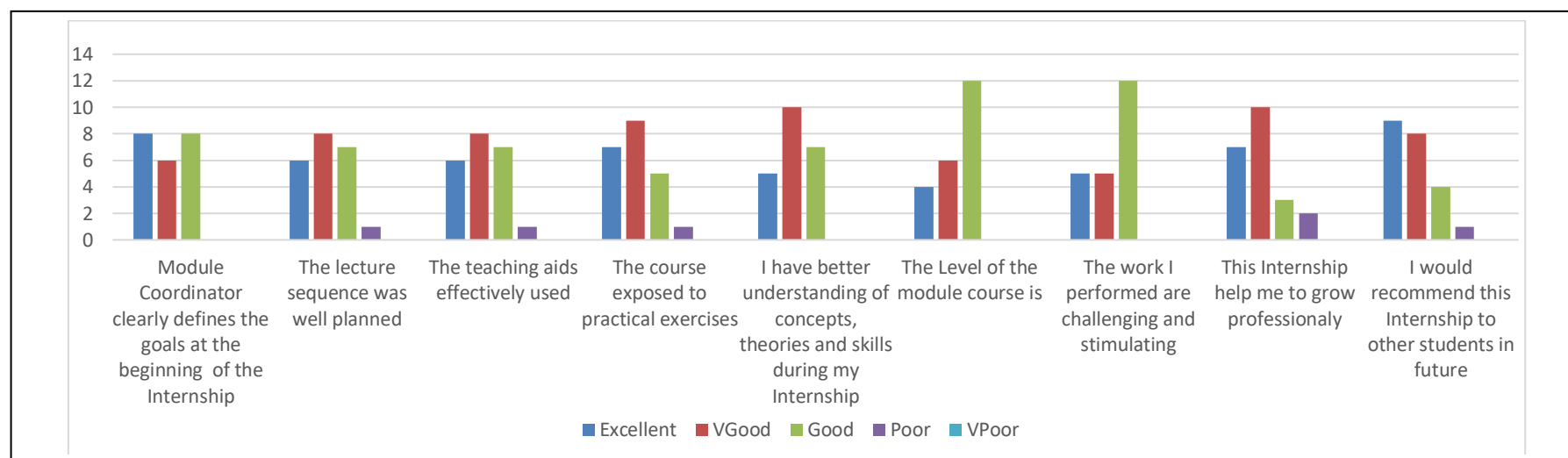
Department	Architechure								
Name of Module	Earth Workshop(Raw and Rammed earth)								
Name of Faculty Coordinators	Ar.Priya Gupta &Ar.ShefaliYadav								
Responses : 06									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	5	5	5	6	5	3	3	4	4
VGood	1	0	1	0	1	3	3	1	2
Good	0	1	0	0	0	0	0	0	0
Poor	0	0	0	0	0	0	0	1	0
VPoor	0	0	0	0	0	0	0	0	0
	4.8	4.7	4.8	5.0	4.8	4.5	4.5	4.3	4.7
Average	4.7								



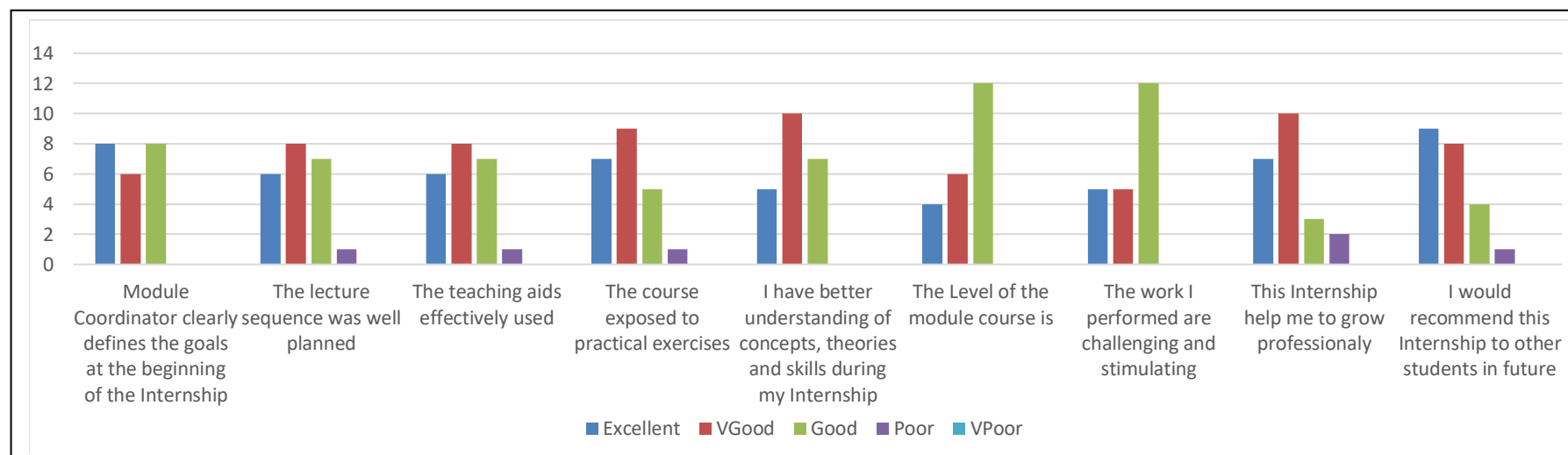
Department	Architecture								
Name of Module	Bamboo Workshop(Geodesic dome)								
Name of Faculty Coordinators	Ar.Priya Gupta &Ar.ShefaliYadav								
Responses : 06									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	2	2	3	5	3	2	4	3	1
VGood	2	2	3	1	3	1	2	3	2
Good	1	1	0	0	0	2	0	0	2
Poor	1	0	0	0	0	1	0	0	0
VPoor	0	1	0	0	0	0	0	0	1
	3.8	3.7	4.5	4.8	4.5	3.7	4.7	4.5	3.3
Average	4.2								



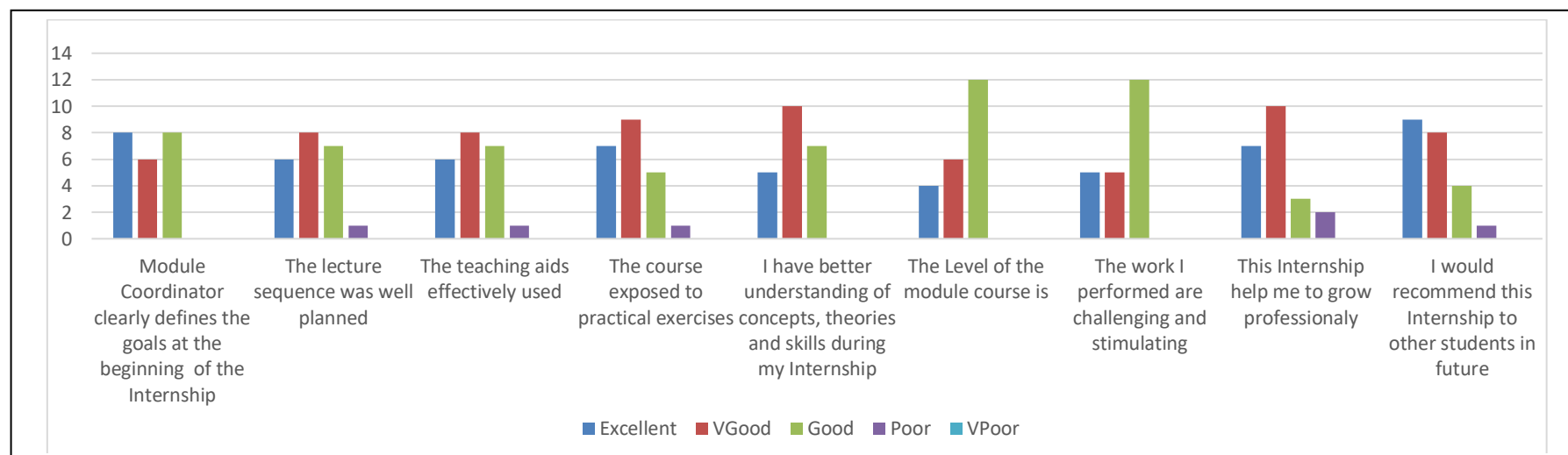
Department	Chemical Engineering								
Name of Module	Introduction to Analytical Instruments								
Name of Faculty Coordinators	Dr.Antaram N. Sarve								
Responses : 05									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	3	4	3	3	3	1	2	3	3
VGood	2	1	2	1	2	4	2	2	2
Good	0	0	0	1	0	0	1	0	0
Poor	0	0	0	0	0	0	0	0	0
VPoor	0	0	0	0	0	0	0	0	0
	4.6	4.8	4.6	4.4	4.6	4.2	4.2	4.6	4.6
Average	4.5								



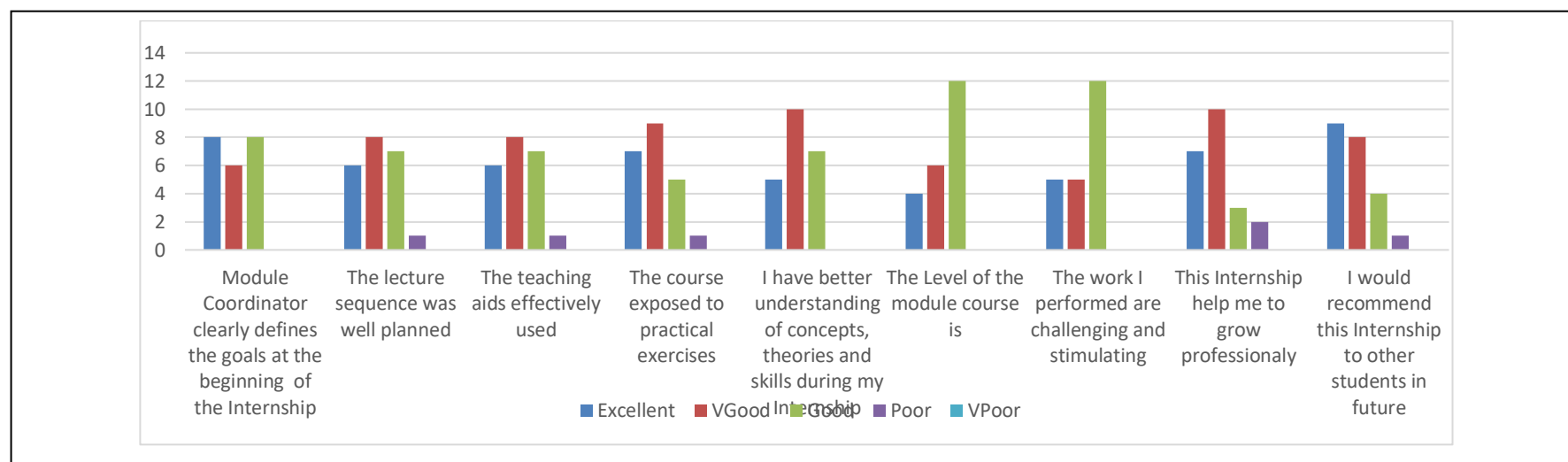
Department	Electronics Engineering								
Name of Module	Training on Digital Circuit Design								
Name of Faculty Coordinators	Prof. Aruna Chauhan, and Prof. Santosh Sharma								
Responses : 06									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	2	3	2	3	2	2	2	2	2
VGood	4	2	3	3	4	2	3	4	2
Good	0	1	1	0	0	2	1	0	2
Poor	0	0	0	0	0	0	0	0	0
VPoor	0	0	0	0	0	0	0	0	0
	4.3	4.3	4.2	4.5	4.3	4.0	4.2	4.3	4.0
Average	4.2								



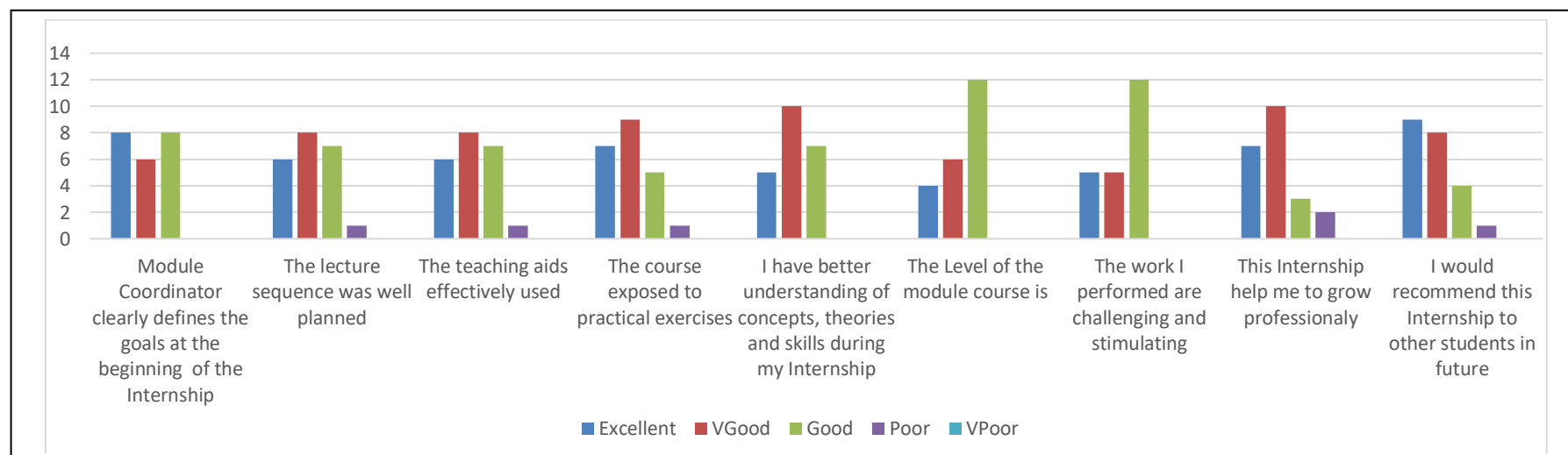
Department	Civil Engineering								
Name of Module	In-house Testing of Engineering Materials								
Name of Faculty Coordinators	Prof. NupurVerma& Prof. Nishi Gangwar								
Responses : 05									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	2	2	3	2	2	2	2	2	2
VGood	3	2	2	3	3	2	1	3	3
Good	0	1	0	0	0	1	1	0	0
Poor	0	0	0	0	0	0	1	0	0
VPoor	0	0	0	0	0	0	0	0	0
	4.4	4.2	4.6	4.4	4.4	4.2	3.8	4.4	4.4
Average	4.3								



Department	Electrical Engineering								
Name of Module	Hands on Training on Signal/ Image Processing Toolbox in MATLAB								
Name of Faculty Coordinators	Dr.Vikram and Prof. Bhavnarathore								
Responses : 10									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	9	8	6	4	6	5	6	8	9
VGood	1	2	3	5	4	4	4	2	1
Good	0	0	1	1	0	1	0	0	0
Poor	0	0	0	0	0	0	0	0	0
VPoor	0	0	0	0	0	0	0	0	0
	4.9	4.8	4.5	4.3	4.6	4.4	4.6	4.8	4.9
Average	4.6								



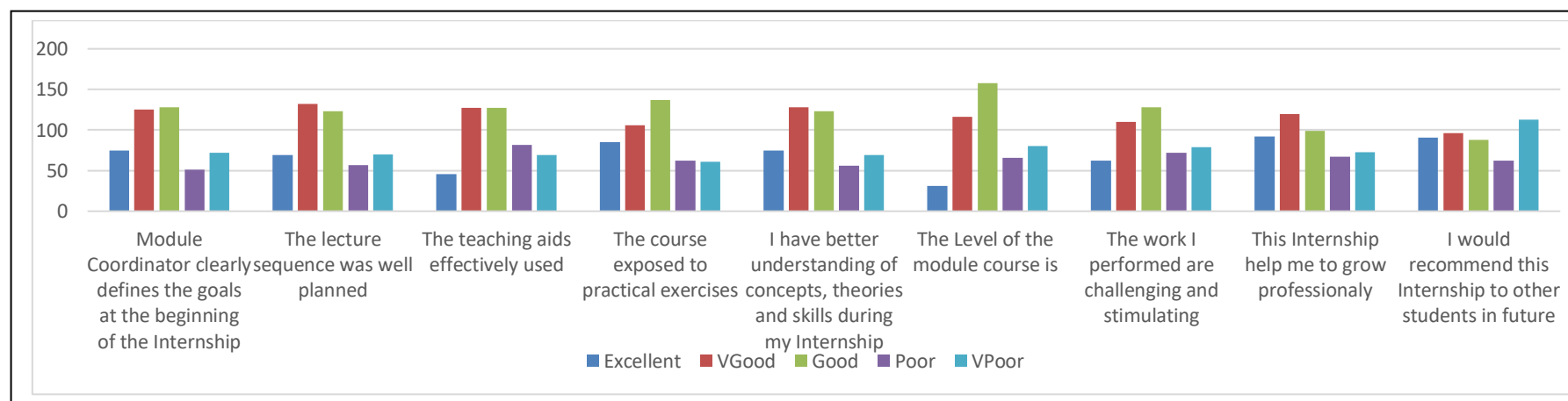
Department	Electronics Engineering								
Name of Module	Training on MATLAB								
Name of Faculty Coordinators	Dr.Ashish Gupta and Prof. Deepak Batham								
Responses : 31									
	Module Coordinator clearly defines the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids effectively used	The course exposed to practical exercises	I have better understanding of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship help me to grow professionally	I would recommend this Internship to other students in future
Excellent	5	4	5	10	6	1	4	4	9
VGood	14	9	9	11	6	9	14	9	10
Good	7	14	12	9	13	17	9	11	10
Poor	5	3	3	1	5	2	3	6	2
VPoor	0	1	2	0	1	2	1	1	0
	3.6	3.4	3.4	4.0	3.4	3.2	3.5	3.3	3.8
Average	3.5								



MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Summer Internship Feedback of UGII Year Students

Department	Interdisciplinary								
Name of Module	Soft Skills								
Name of Faculty Coordinator	Dr.SanjeevKhanna								
Responses : 451									
	Module Coordinator clearly defined the goals at the beginning of the Internship	The lecture sequence was well planned	The teaching aids were used effectively	The course exposed me to practical exercises	I understood of concepts, theories and skills during my Internship	The Level of the module course is	The work I performed are challenging and stimulating	This Internship helped me to grow professionally	I would recommend this Internship to other students in future
Excellent	75	69	46	85	75	31	62	92	91
VGood	125	132	127	106	128	116	110	120	96
Good	128	123	127	137	123	158	128	99	88
Poor	51	57	82	62	56	66	72	67	62
VPoor	72	70	69	61	69	80	79	73	113
	3.2	3.2	3.0	3.2	3.2	2.9	3.0	3.2	3.0
Average	3.1								



MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR – 474005
(A Govt. Aided UGC Autonomous Institute Affiliated to R.G.P.V. Bhopal, M.P.)

INDUCTION PROGRAM REPORT

(16th Aug. - 01st Sep. 2018)

B.Tech/B.Arch. 1st year Students

Report Prepared by-

Dr. M. K. GAUR

Prof. Anish P. Jacob, Mr. Sheo Kumar

Mr. Deobrat, Ms. Nupur Verma

Contents :

- ❖ Introduction
- ❖ Induction Program
- Physical Activity
- Creative Arts
- Universal Human Values
- Literary
- Proficiency Modules
- Lectures by Eminent People
- Industrial Visit
- Familiarization to Dept/Branch & Innovations
- ❖ Program Schedule
- ❖ Day 1 (16 August 2018)
- ❖ Day 2 (18 August 2018)
- ❖ Day 3 (20 August 2018)
- ❖ Day 4 (21 August 2018)
- ❖ Day 5 (22 August 2018)
- ❖ Day 6 (23 August 2018)
- ❖ Day 7 (24 August 2018)
- ❖ Day 8 (25 August 2018)
- ❖ Day 9 (27 August 2018)
- ❖ Day 10 (28 August 2018)
- ❖ Day 11 (29 August 2018)
- ❖ Day 12 (30 August 2018)
- ❖ Day 12 (31 August 2018)
- ❖ Day 13 (01 September 2018)
- ❖ Day 14 (4 September 2018)
- ❖ Induction Program 2018 Feedback Summary
- Branch wise registration details
- Suggestions

Introduction

Engineering colleges are expected to generate graduates with these capabilities, as well as produce new technologies, products and processes needed by the nation. The graduating student must have knowledge and skills in the area of his study. However, he must also have broad understanding of society and relationships. Character needs to be nurtured as an essential quality by which he would understand and fulfil his responsibility as an engineer, a citizen and a human being. Besides the above, several meta-skills and underlying values are needed. The major factor existing among the UG students for getting de-motivated from the studies is unawareness about his goal and interest.

Start of hostel life without close parental supervision at the same time, further worsens it with also a poor daily routine. To come out of this situation, a multi-pronged approach is needed. One will have to work closely with the newly joined students in making them feel comfortable, allow them to explore their academic interests and activities, reduce competition and make them work for, excellence, promote bonding within them, build relations between teachers and students, give a broader view of life, and build character.

Induction Program

When new students enter an institution, they come with diverse thoughts, backgrounds and preparations. It is important to help them adjust to the new environment and inculcate in them the ethos of the institution with a sense of larger purpose. A week long induction program for the UG students of the institution, right at the start of session for first year student has been introduced in August 2018.

Its purpose is to make the students feel comfortable in their new environment, open them up, set a healthy daily routine, create bonding in the batch as well as between faculty and students, develop awareness, sensitivity and understanding of the self, people around them, society at large, and nature.

The time during the Induction Program is also used to rectify some critical lacunas, for example, English background, for those students who have deficiency in it. The following are the activities under the induction program in which the student would be fully engaged throughout the day for the entire duration of the program.

Physical Activity

This would involve a daily routine of physical activity with games and sports. It would start with all students coming to the field at 6 am for light physical exercise or yoga. There would also be games in the evening. These would help develop team work. Each student should pick at least one game and learn it for weeks.

Creative Arts

Every student would choose one skill related to the arts whether visual arts or performing arts. Examples are painting, sculpture, pottery, music, dance etc. The student would pursue it every day for the duration of the program. These would allow for creative expression. It would develop a sense of aesthetics and also enhance creativity which would, hopefully, flow into engineering design later.

Universal Human Values

It gets the student to explore oneself and allows one to experience the joy of learning, stand up to peer pressure, take decisions with courage, be aware of relationships with colleagues and supporting staff in the hostel and department, be sensitive to others, etc. Need for character building has been underlined earlier. A module in Universal Human Values provides the base.

Literary

Literary activity would encompass reading, writing and possibly, debating, enacting a play etc.

Proficiency Modules

This period can be used to overcome some critical lacunas that students might have, for example, English. These run like crash courses, so when the normal courses start after the induction program, the student has overcome the lacunas substantially. We hope that problems arising due to lack of English skills, wherein students start lagging behind or failing in several subjects, for no fault of theirs, would, hopefully, become a thing of the past.

Lectures by Eminent People

This period can be utilized for lectures by eminent people. It would give the students exposure to people who are socially active or are in public life.

Industrial Visit

A couple of visits to the industrial areas of their respective streams to get exposures of application of academia to industry.

Familiarization to Dept/Branch & Innovations

The students are told about different method of study. They are told about what getting into a branch or department means, what role it plays in society. They are also shown the laboratories, workshops & other facilities in their department.

Program Schedule

Day 1 (16 August 2018)

- The pre-launch session comprised of physical reporting and registration process of the students by the respective first year class coordinators from 10:00 AM to 1:00 PM.
- The inaugural session of the induction program began from 2:00 PM onwards. Dr. S. G. Deshmukh, Director IIITM, was the chief guest on the occasion. Many dignitaries including Mr. Prashant Mehta, Member, Board of Governors, MITS, Er. Ramesh Agrawal, Secretary, Scindia Engineering College Society, Dr. R. K. Pandit, Director MITS, Dr. Manjaree Pandit, Dean Academics, Dr. R. Kansal, Dean (Student welfare) and the Heads of departments were present in the inaugural ceremony.
- The session began with offering of flowers to Goddess Saraswati. Dr. R. Kansal, Dean (Student welfare) gave the introduction of the induction program and stated its necessity for conduction. The 15 day program intended at bridging the gap between the school & college level study.
- Dr. Manjaree Pandit, Dean Academics explained the overview of the flexible scheme & curriculum of undergraduate program in detail.
- Director, Dr. R K Pandit congratulated the students and welcomed them in the institute.
- Er. Ramesh Agrawal & Mr. Prashant Mehta also motivated the students in their addresses.
- The chief guest of the occasion Dr. S. G. Deshmukh told the students not to look back after taking admission in MITS. He quoted that the strong will-power and hard work are the keys to success in life. He also advised the students to face problems and difficulties in life with full courage and determination.
- There was an interaction between the senior and junior students so that they could know each other in a better way. In addition to this, the parents of the newly admitted students interacted with the director where they got their queries cleared. The students were also taken for a tour around the institute campus and were given information about various existing facilities in the campus.

17 August 2018

- The events and activities scheduled on 17th August, 2018, Friday were postponed due to the passing away of Ex. Prime Minister Shri Atal Bihari Vajpayee.

Day 2 (18 August 2018)

- The Students were briefed about the 14 day bridge classes organized for them in Physics, Chemistry, Mathematics and English to overcome the shortcomings in these subjects. The intended purposes of these classes were to bridge the gap between the school and college level study and for the betterment of the students. The students underwent a diagnostic test in English in the pre-lunch session on Saturday 18th Aug 2018 and later gave test on Physics, Chemistry, Mathematics and Computer Science in the post lunch session to test their skills in these subjects.
- Based on the performance, a subject wise list of weak students was prepared so that the subject experts can conduct bridge classes for those students. The bridge classes aimed at introduction of the engineering syllabus and clearing the concepts of the students. More than 900 students gave the diagnostic tests.
- The students were also given information about the “Information Management System” (IMS) where every student will have an individual login id through he/she can get updated with exam and attendance related information. They were also told about institute MOODLE where they could get information about the various subjects being taught to them.
- They were also told about the dos and don'ts while in the campus. Students are not allowed to bring four wheelers in the campus. The students must also not carry mobile phones in classrooms, examination hall, laboratory, library and other functions & activities held in the institute. They should also refrain from any sort of money collection.
- The students were also informed to bring the identity card regularly to the college. The hostellers were also informed about the hostel timings to get back to the respective hostels: 7 PM for Girls hostel and 10 PM for Boys hostel.

Day 3 (20 August 2018)

- The newly admitted students of first year B.E and B. Arch at MITS were addressed by the Heads of different departments in the morning session of 20th August 2018. The HoDs gave a detailed description of the Vision and Mission of the department and also the various activities being conducted in the department. During their address, the Heads familiarized the students about different procedures to be followed in the department. The session

began with the address by Dr. Abhay Mishra, HOD Department of Applied Sciences and ended with the address of Dr. Alok Sharma, HOD Architecture Department.

□ During the afternoon session, the administrative officer of the institute, Er. Shailendra Singh Bhadoria informed the students about the various facilities and services available to them in the institute. He gave detailed description about the scholarships available for reserve category students, Chief Minister Helpline, stationery items to be made available to students etc.

□ Later on, the Exam Controller of the institute, Dr. P K Singhal gave a detailed description about the pattern of examination followed at the institute under the guidelines of Rajiv Gandhi Prodyogiki Vishvidyalaya (RGPV), Bhopal. He emphasized on the importance of attendance and mentioned it clearly that 75% attendance is absolutely necessary for a student to be allowed to appear in examination.

□ Dr. R S Jadon, Proctor of the institute, welcomed the students and introduced them to the members of the Proctorial Board. Dr. Jadon informed the students about disciplinary committees of the institute and also explained the various guidelines to be followed and the steps that could invite severe punishments.

□ Chief Warden, Dr. Alok Sharma described the rules and regulations to be followed in the institute hostels. Training & Placement Officer, Mr. Vikram Singh Rajput, informed the students about the activities that would lead to skill development essential for getting good placements. He also listed out the number of students who got placement in previous years. The detailed description of Moodle and IMS portal was given by Mr. Atul Chauhan and Prof. Rajni Ranjan Makwana. Dr. Manish Sagar, Coordinator, NSS informed the students about the activities conducted by NSS. Dr. Sunita Sharma, Prof. I/C NPTEL/Swayam informed the students about the Swayam portal and Prof. Vishal Chaudhary explained about the various facilities provided to students for qualification of GATE.

Day 4 (21 August 2018)

□ The morning session was taken by Ms. SumanYadav, Counselor, Scindia Kanya Vidyalaya. She emphasized on human values and discussed ways to develop them. She laid stress on maintaining one's integrity irrespective of what others are doing.

□ In her talk, she threw light on “**five human values**” for becoming a good human being – love, non-violence, peace, right conduct & truth. The students were made aware about the significance of these qualities and encouraged to inculcate them in their lives.

□ In the later part, Ms. Suman focused on the value system being one's compass. Honesty, hard work, integrity, transparency, sincerity and commitment were identified as the scales of the compass. She also highlighted that human character has two parts: Performance character & moral character. Performance character is the behavior that gets reflected in one's day to day reactions and moral character consists of qualities one should have. Commitment to continuous improvement, goal setting, work ethics, determination, self-confidence taking initiative & creativity are the attributes of performance character, while respect responsibility towards others, love, humility, integrity, justice and moral courage account for one's moral character.

□ Finally, the students were given insights about the character to become a whole person. She put forth some of the features of such a person –life-long learner, critical thinker, diligent, socially skilled, responsible etc. She concluded her talk by quoting that self-control is the engine of success.

□ Later, in the post lunch session, the students attended bridge classes of Physics, Chemistry & Mathematics, where the experts cleared the doubts & queries of the students.

Day 5 (22 August 2018)

□ The newly admitted students were taken for sight-seeing in Gwalior on 22nd Aug. 2018. The students from outside Gwalior were given preference during this trip so that they get well acquainted with the city and understand its historical legacy. The student assembled in the main porch in spite of the unfavourable weather. The students were also equally enthusiastic for the visit and boarded the allotted buses on time.

□ The trip was flagged off by the institute director Dr. R.K Pandit. Some of the faculty and staff also accompanied the students in each bus for their comfort and safety. The buses first reached DB Mall, where the students were introduced to the railway station & the bus stand there after all headed towards the Samadhi of Rani Laxmi Bai of Jhansi. The students were briefed about the Rani's arrival at Gwalior and her death. In addition to this, they were familiarized with the nearby Gopachal Mountain and Gwalior zoo. Then the buses left for Lashkar via Jayendraganj and Old High Court. The staff and faculty briefly introduced all important places on the way to the students the students also visited “Kitaab Ghar” where they could look for necessary books in future. During the trip, the students came across Italian Garden, Jaivilas Palace, J.A.H Hospital, Chatri, M.L.B. College, Katora Taal and learnt about their importance. Later, the buses reached Jiwaji University via Birla Hospital. The students visited the Sun Temple with full zeal, inspite of heavy rains. In the end, the students were dropped back in the institute premises. The institute had provided good refreshment to the students during the trip.

□ The visit was successfully conducted by the Gwalior visit committee comprising of Dr. Manoj Kumar Gaur & Mr. Sanjay Bhargava.

Day 6 (23 August 2018)

□ Dr. Mansee Bal Bhargava, (Entrepreneur, researcher, social worker & scientist) addressed the first year students in the morning session. She was addressing the students on the topic of Social Engineering & its relevance in engineering in her talk. She explained the different aspects of Social Engg. in various fields such as in education, profession, partnering, public, politics, society, decision making, city management, governance, corruption, government, planet issues, social media & negatively through various practical real life examples.

□ She spoke that Social Engineering is all about interpreting the law and using it in either positive or negative manner. She also emphasized that engineers need to be socially oriented. Social Engineering helps in path selection and calibrating the human behaviour.

□ She told not to look at the world with the discipline or branch of engineering rather importance should be given to the knowledge and value sets of an individual. Dr. Bhargava encouraged the students to learn to work together and laid stress on Social Engineering for collective learning which includes the students in various activities like open discussions, team games etc. She concluded her address by quoting “Work together for a better tomorrow”.

□ During the post lunch session, in the literary activity, the students were given various topics for extempore. The intended purpose behind this activity was to erase out the hesitation and fear of the classroom from the minds of the students, Prof. Sachin Singh, Dr. Arti Pipariya, Prof. Bhawna Shrey, Dr. Urvashi Garud & Mr. Umesh Guramwar were involved in the conduction of the extempore. Prof. BhawnaShrey also conducted a discussion on terms of social usage named “Think, Pair, Share”.

□ In the later half, the students were given bridge classes on Physics, Chemistry & Mathematics in order to scale the gap between school level study and in engineering of these subjects from 4:00-5:00 P.M.

Day 7 (24 August 2018)

□ The newly admitted students were addressed by Dr. Deepak B Phathak, IIT Bombay. He spoke on "Building India where dreams come true - journey to an exciting professional career ".The talk was mainly focussed on childhood dreams of our post-independence generations. Everyone wish their nation to be an abode of prosperity, providing all citizens with a life of love harmony and happiness. We envision a nation with great opportunities for all, a nation which permits us to live with our heads held high, to live as equals within the polity of nations. Building such a nation will mean that you get to live a wonderful life. It also means that youth of our nation will make their future more enjoyable and meaningful. He emphasized that the task of nation building must be shared by each Indian citizen. He told to the students that more capable and fortunate people like them are expected to share a larger burden of such responsibility.

□ He also made few suggestions on building one selves for making one’s career successful while simultaneously making an impact on the society in his talk Dr. Phathak addressed on five major issues :-

1. **Thought silos:** - The real life problems always span conventional knowledge boundaries artificially defined by us as different fields of study. We sometimes forget that such classification is primarily done only to effectively handle the ever growing body of human knowledge. Most of the real life problems do not come with such tags; their solution will always require understanding of multiple disciplines. Knowledge classified as belonging to "other" fields may actually be vitally important in our own fields. He quoted some best examples of good engineering from nature but not studied by engineers such as "Life Sciences" or "Biochemistry" also he advised the students to have an open mind and continue to learn whichever knowledge is required to solve a problem efficiently, effectively and affordably.

2. **Research Mind-set:-** Many of us often have a perception that research has something to do a PhD degree and beyond. He told that research actually represents a mind-set which develops some key abilities to near perfection. These include- understanding of a broad contours of a problem, an intense spirit of inquiry, ability to critically analyse available options, a rigorous and disciplined approach, ability to articulate ideas succinctly in verbal and in written form, meticulous hard work, ability to synthesize, to experiment, to find innovative solutions to a problems and to persevere in the face of many failures. Achieving such a mind-set must be the objective of any educational process, and indeed, of any professional career.

3. **Rat Race:** - He made the students realize that they might have witnessed and participated in a severe Rat Race for marks throughout most of their conscious life. It is often believed that the only way of getting recognition is an individual's performance relative to others in “defined” given tasks. He quoted an example that every human child learns a foreign language at an early age without any exams, marks or certificates. A child does this by using its innate attributes, viz. curiosity, boldness, perseverance and passion. He advised the students to compete against themselves to bring out the best in them.

4. **Ethical Behaviour:** - He told the students that it is equally important to remember the importance of ethics and humility in life these attributes do not often come naturally as they are components of human "culture" which has evolved only for about 10000 years. The values of sharing, of assuming accountability, of being fair, kind and nice; of being concerned about others; etc., are the defined and accepted norms for social behaviour. These also add to the personal joy and happiness. In these days of enhanced emphasis on material wealth, it is possible to succumb to occasional temptations and exhibit bordering on unethical. Such instances often lead to habits and a "chaltahai" attitude. Thus, the students must scrupulously adhere to ethical behaviour.

5. **Impact on Society:** - He highlighted the fact that ultimate recognition will come from the impact one makes on the society. A person's professional success should make a difference not only to one self and family, but also to the people around, to the society, to the nation and to the humanity at large. But, it is not necessary for everyone to become a Social Leader, to achieve such an impact. He motivated the students to do so while seriously pursuing their studies and later in their career. The students need to keep this intention in mind. Happiness and enjoyment should be found while helping others. One should always look back to the plight of the less fortunate and especially look for the more talented, committed and deserving young ones amongst them and should devote a part of one's time, wealth and heart.

➤ **Cardinal Principles:** -Dr. Phatak reminded the newly admitted students about the cardinal principles which a professional must adhere to. The standard ones are well known. These are: sincerity and commitment to work, dependability, willingness to take ownership of an issue and be accountable, being a solver rather than a narrator of problems, a good team worker, being honest, etc. He put forth some more important points in addition to these for becoming a still greater professional and a great human being listed below:-

□ **Grow with grit, not with greed:** - Your determination, resolve, courage and strength of your character should be the main planks of one's growth and not your greed.

□ **Work hard:** - Hard and smart works are the only ways to solve hard and complex problems in life.

□ **Acquire knowledge, skills and values:** -One should acquire knowledge about not only his domain, but also about other domains as well. Solution to real life problems needs knowledge from multiple spheres. He told the students to demolish the silos in their mind and they should learn all the skills of their profession. In addition, one should also acquire great human values while moving ahead in life.

□ **Learn digitally, learn lifelong:** - He instructed the students to become proficient in the methods and techniques of using digital resources of knowledge. The students should prepare themselves to keep learning all throughout the life.

□ **Improve constantly:** - He reminded about the failures that occur in life and said that the hurt is inescapable, but the resulting frustration is curable. He advised the students to learn to recover quickly. There is much more to do in life than just sulking. One must develop an attitude of learning from every failure. Also, one's ability to put thoughts succinctly and clearly and the way of doing it count a lot in life. The students were asked to improve their communication skills, mannerism, and etiquettes.

□ **Observe and imbibe:** - A person should learn to observe others, learn from their qualities, knowledge and behaviour and imbibe them in him-self. He does not have to go far, to search for great virtues only in great names and role models. Rather, these virtues can be found in people around. He suggested the students to use Phatak's hypothesis: - select any 10 colleagues randomly and make two lists. The first consists of all desirable and virtuous characteristics displayed by these ten. The other consists of all the avoidable ones displayed by the same ten. The hypothesis says that the first list describes a perfect human and the other will describe a very undesirable person. It depends on an individual ultimately what he emulates from whom. All should have an open and appreciative mind to accept good characteristics from others.

□ **Reset Attitude:** - Everyone should rediscover the child within and build a great human. The students should add the human values of ethics and humility to an individual's innate gifts of curiosity, boldness, perseverance and excitement. Perfection in ethical standards is itself a journey, often lifelong. Defining boundaries for self is the first step. Introspecting on each action to examine whether a boundary was crossed due to temptation is the next. So, the students must resolve to avoid repeating such mistakes; if these occur.

Dr. Phatak concluded his talk by giving some tips for a successful career for that, every person must develop vision, values, knowledge, professional competence, personality and character. Work with excitement and passion, but imbibe humility and ethics. This will lead to a highly successful career and also to significant contributions to nation building.

In the end, he wished the students good luck and wished the life of all Indians to be as beautiful as the **DEW** Drops seen on flower petals.

Dream big, as your dreams will limit your achievements.

Enjoy life, since each moment in life is precious & comes only once.

Work hard to create history.

➤ Later, Prof. K. K. Agrawal, member, Board of Governors, MITS, addressed the students in the post lunch session. Prof. Agrawal started his speech by congratulating the students for getting admission in MITS and told them that only 2-3 % of all students get admission in good institutions. He commented that, in our country, a student's career is decided by others.

He pointed out that an Indian student is never satisfied with his institutions and advised them to trust on what they have. Prof. Agrawal narrated a story about the design of Microsoft Windows and informed that 8 out of 9 designers were Indian students. Then he asked questions of fundamental science to students and tried to judge their knowledge. He suggested the students to think new and better solutions to social problems. He advised them about following the points:-

- Be social and try to find the solutions to old problems.
- Think about the new applications of present day technologies.
- Develop apps for societal problems.
- Have positive attitude and determination.
- To prepare cost effective devices.
- Take more interdisciplinary projects to arrive at more solutions.
- Think about new sources of power and energy to support technology.

➤ He gave the example of Madam Curie and her interdisciplinary research and informed the students that real problems have multiple dimensions. He also gave the example of Stanford University's new courses on B. Tech. in Computer Science & Engg. and Music simultaneously. Prof. Agrawal motivated the students that if any group of 15-20 students have a new idea or project, the institute will support them as much as possible.

➤ In the end, he pointed out 8 qualities for being a successful engineer- Punctuality, Ethics, Effort, Body Language, Energy, Attitude, Learning & always ready for work.

Day 8 (25 August 2018)

□ This morning seemed to be a delighting one for the newly admitted students of first year, as they were given many practices of asanas which tried to enhance their daily routine activities. The program was conducted by Dr. Anjula Gaur & Dr. Namrata Singh. There were two volunteers: one girl and a boy who precisely performed the various asanas. During the session, the students performed the Surya Namaskaras directed by the volunteers. All the students were very enthusiastic in doing the tasks which were gain to them. They performed different type of asanas: shavaasana, Kapal Bharti and lot of other exercises.

□ At last, the volunteers and the coordinators were presented with a memento as a sign of gratitude and respect. So, all the students of first year enjoyed a lot in the activity.

□ Towards afternoon, Dr. Manish Sagar, NSS coordinator guided and motivated the students for a tree plantation drive across the campus. He emphasized on the importance of this activity. Plantation of mango, guava etc. saplings were done during this session.

Day 9 (27 August 2018)

□ Ms. Suman Yadav (Guidance and Counselor, Scindia Kanya Vidyalaya, Gwalior) addressed the students in the morning session on "stress management". Stress occurs mainly from external and internal sources. The external sources include academic, social and daily life whereas stress arises internally due to own expectation. The students were briefed about the various indicators of stress through a schematic diagram.

□ During her talk, she emphasized on different ways of reducing and managing stress which include self-awareness, purpose, emotional management, time management, goal setting, nurture body, mind and soul, eliminate the use of stimulants etc. in detail.

□ Ms Yadav also spoke about good and bad stress many a times, stress is healthy which enables a person is in functions efficiently, e.g. stress during exam time leads to more efforts from the students side.

□ Self-awareness develops the capability for introspection and ability to recognize oneself as an individual separate from the environment. She quoted "do not underestimate the power of self".

□ She told that purpose of life comprises of Central motivating aims of one's life which must be identified and in turn, the daily action should be synchronize with the purpose of life.

□ The main element of emotional management is to realize, readily accept and control one's feelings. See give some thumbs rules:-

- "Stop" - stop the urge to react.
- "Drop" - drop the intensity by engaging in other activity.
- "Process" - identify the emotion, its source and the reason.

This thumb rules must be adopted for emotional management.

- She advised the students to manage time well is reap success in life. Every person set goals which are a specific, measurable, achievable, relevant and time bound. In addition, the body, mind and soul must be nurtured in a balanced way as if in the tripod. For that, one should eat right, exercise, maintain sleep hygiene and perform yoga and meditation. Moreover, one should have growth mind set, rather than a fixed mind set the use of stimulants such as alcohol, tobacco, drugs etc. should also be eliminated. In the end, she told that stress is an integral part of life and happens to everyone at different points of life. So, it can't be eliminated, but just managed.
- In the continuation of morning session, Ms Shuchi Mathur, Founder & director of Ekadha, Lucknow and Ms. Prachi Mittal, HoD, Foundation Design, Indian institute of art & design, Delhi, were invited to familiarize students with the fundamentals of design & creativity.
- Ms. Prachi is an accessory designer and design consultant while Ms. Shuchi Mathur is an industrial designer and academician.
- They showed different picture to students like picture of Shelves, Sarees, Rangoli, Designer Kurtis, Brooms, Casserole, automobiles, etc. and asked to identify the designs behind these.
- They told the students that is not just about appearances but it functions are also important. It should have a power to make social impact. Design makes life easy and comfortable.
- They emphasized that a design should be sensitive to environmental needs. They explained the design aspect of Apple logo, SBI logo and the architectural science of Chandigarh High Court.
- The speakers interacted well to the students and tried to find out their opinion about design and creativity.
- Later, in the post lunch session, the students participated in hands on workshop on design and creativity the workshop was conducted by Ms Shuchi Mathur and Ms. Prachi Mittal. The students were given group task involving creation of 3D design forms using inflated balloons. The session concluded with success full completion of the workshop.

Day 10 (28 August 2018)

- The students were addressed by Er. Ramesh Agrawal, Secretary, Scindia Engineering College Society in the 1st half of the morning session. He congratulated the newly admitted students and told how fortunate they are for getting admission in an institute like MITS. He enlightened them about the rich history of the institute, that the institute was founded by Late Sir Jiwaji Rao Scindia, then Maharaja of the Erstwhile State of Gwalior in 1957. The institute had a humble beginning and the classes used to be held in the Residency Palace near Gola ka Mandir under the name “Madhav Engineering College”.
- He also recalled the days when he had taken admission in the institute as a student way back in 1968, when there were only three branches – Civil, Mechanical & Electrical Engineering. The foundation stone of the present building of the institute was laid in 1957 by Dr. Rajendra Prasad, the then president of India and inaugurated later in 1964 by Dr. S. Radhakrishnan, President of India. The golden jubilee Celebrations of the institute was inaugurated by Mrs. Pratibha Patil, President of India as per the institute’s tradition.
- Er. Agrawal also listed some of the noted alumni such as Dr. V.K. Saraswat & Dr. Shewagaonkar, former director, IIT Delhi during his talk. He spoke about the careers that engineering graduates would opt for after getting passed out.
- The students were made aware about the essence of hostel life where students develop intimate friendship, become responsible & self-reliant, indulge in discussions on common issues, career prospects & care about other’s families. He also narrated about other contemporary colleges in the state and compared them with MITS.
- In his address, Mr. Agrawal appealed to the students to devote time on sports and cultural programs also along with studies. This would be helpful in all round growth of an individual.
- He concluded his talk by making some declarations and announcement. The institute organizes seminars, conferences & workshops for the benefit of the students. The library is in a state of renovation and will be furnished with AC facility. The management is also planning to develop & build new hostels and academic block and promised the students about having air conditioning in all the classrooms. He also motivated the students that even after they become an Engineer, their motive in life should be to serve the society.
- Ms. Shuchi Mathur and Ms. Prachi Mittal were invited as speakers for the next session of Creative Arts which dealt with the History and Origin of Design. A number of short documentaries were shown to students in which various aspects of design and its evolution were discussed. A design looks at many aspects of product such as its purpose, look & feel, the user, material, utility etc. They informed the students about some qualities of a good designer like being research oriented, imaginative and good visualization. The session saw a lot of success stories as examples.
- Later, students were divided in groups and sessions on music, literary and creativity were conducted by Dr. Sourabh Bhattacharya, Dr. BhawnaShrey and Ms. ShuchiMathur& Ms. Prachi Mittal, respectively. Music

activities were organized by the Music Club of the institute in which students from senior batches presented some melodious compositions.

□ Bridge classes for Physics, Chemistry and Mathematics were conducted in the last session during 4-5 PM.

Day 11 (29 August 2018)

□ Mr. Ramesh Shrivastava, motivational speaker was invited in the morning session to motivate the students. He is an alumnus of the institute and spoke on the topic “Value along Motivation”. He instructed students to stay away from biases. He told them to analyze different situations & circumstances themselves, thereafter, develop the ability of taking right decision at the right time. He also drew attention towards the development of different perceptions based on different circumstances.

□ One should take lessons from difficult and tough times encountered in life. Therefore, every person should try to find opportunities while tackling problems. He laid stress on the fact that if a person does work in an unhappy state of mind, then his efficiency reduces to 50% of the normal. On the other hand, work when done in a joyful & happy mood, results in efficiency of 150%. Thus, he advised the students to undertake any assignment with full interest and happy mood. Confidence comes only when one has clarity in the related area. He educated the students via many short stories and real life examples. He ensured full participation of the students during his interactive session so that they would gain knowledge as much as possible.

□ The students attended different inter disciplinary modules designed by the various departments of the institute in the latter half of the morning session. The brief details of the modules are given below:

Waste water Treatment for Humanity

The principal objective of wastewater treatment is generally to allow human and industrial effluents to be disposed of without danger to human health or unacceptable damage to the natural environment. Irrigation with wastewater is both disposal and utilization and indeed is an effective form of wastewater disposal (as in slow-rate land treatment). However, some degree of treatment must normally be provided to raw municipal wastewater before it can be used for agricultural or landscape irrigation or for aquaculture. The quality of treated effluent used in agriculture has a great influence on the operation and performance of the wastewater-soil-plant or aquaculture system. In the case of irrigation, the required quality of effluent will depend on the crop or crops to be irrigated, the soil conditions and the system of effluent distribution adopted. Through crop restriction and selection of irrigation systems which minimize health risk, the degree of pre-application wastewater treatment can be reduced. A similar approach is not feasible in aquaculture systems and more reliance will have to be placed on control through wastewater treatment. Therefore, wastewater treatment is essential in India and abroad. Chemical Engineers have a greater role to play. After treatment, this water can be utilized for domestic, agricultural and industrial work. There is a vigorous research activity in this field. Young Engineers have a major role to play. Water that has been adversely affected in quality by pollutants is called wastewater. Wastewater treatment means removing biological or chemical waste products from water and then there by treated water can be used for other purpose. Wastewater treatment plants include Agricultural wastewater treatment, Sewage treatment and Industrial wastewater treatment. If wastewater is not properly treated, then the environment and human health can be negatively impacted. These impacts can include harm to fish and wildlife populations, oxygen depletion, beach closures and other restrictions on recreational water use, restrictions on fish and shellfish harvesting and contamination of drinking water.

Creative Web design

In the module “creative web designing” students were taught what defines the term web designing and the overview of the languages that are popularly used to develop web page. The first script language that is used for web designing is HTML (Hypertext markup language). The module started with the basic knowledge of HTML and then all the tags were discussed that is used to make a simple web page. Then coding for attaching image audio and table were explained. The module was finished with attractive registration form. So, in this module, students were taught about simple and impressive design techniques, from basics till advanced to focus on goal oriented and user centric designs.

Design theory

Students were taught definition of Design with examples, categories of design, process of design, examples of various arts, design in daily life, relationship between engineering and design, technology & design and components of design.

Creative Google usage

Google is backbone of various services, these services are free and easy to use. Services such as Google forms can be utilize to create surveys and quizzes for everyone. Google Docs and presentation can be utilized to develop various types of documents online. Services are online and can be share among many users. Users can create their own website using Google sites. Google drive is a cloud storage can be accessed online and sync. with other

storage. The classes were scheduled in the central computer center. A hands-on training on “Google usage” is useful to develop basic understanding about the various existing Google services. It enable the students to creates online documents and share/publish among other users. In the class brief details about various Google services was delivered. Further a practical was conducted to create a Google form and share among friends to collect data. moreover various experiments was performed such as validating input data, collaborations, adding header template, designing quizzes, create spreadsheet of responses.

Solid Waste Management

Prof. Deepak Rastogi, Associate Professor Civil Engg. Dept. took a lecture on "Solid Waste Management" during the module session. He informed the students about various methods and techniques for the management of solid waste. He enlightened the students about the latest research work being conducted all over the world for easy and safe disposal of waste. He requested the students to generate minimum waste in the institute premise and to keep the surroundings clean.

Power Systems

Students were taught about Power Distribution Systems and detailed knowledge on sub-stations was given. Voltage, Current and college power consumption details were also discussed.

Food Adulteration Detection Techniques

Dr. Sharad Verma, Biotechnology Department, discussed about the some common food items and their testing for adulterants.

Cathode-Ray Oscilloscope

Functions of CRO, multi-meter& measurement of peak to peak voltage of sine, square and triangular wave as well as its time period and frequency different waveforms were taught to students.

Creativity in Mechanical Engineering

A session was conducted on Creativity by Dept. of Mechanical Engineering to various disciplines of engineering for the First Year Students as a part of the Induction Program.

The students were briefed about the creative steps that the Mechanical Engineering department has taken. Some innovative and creative projects that have been done by the final year students of the department were also discussed. Later, few ideas were presented as to how creativity can be incorporated in Mechanical Engineering and to make it more explicable few videos were also shown in which creativity was involved as far as Mechanical Engineering is concerned.

The session concluded by giving idea about the department and also how it functions.

The first half of the post lunch session was handled by Mr. Anupam Tiwari, Founder President and Present Vice President, JCI Gwalior Metro. He is a mechanical engineer as well as an Entrepreneur. He created awareness about discipline and self-discipline among the students. He advised the students to value the importance of time and complete right work at right time. This session also aimed at increasing the knowledge of moral values in students. He compared today’s generation with water in a dam, that if the water is let out in any proper direction and passage to flow, then it causes destruction. In a similar manner, young generation must also be given guidance & direction for their overall development.

The students were introduced to ASIMOV Robotics Club of the institute in the latter half of the post lunch session. The students were briefed about the salient features and activities of the club. The session was handled by Dr. Karuna Markam, Faculty Coordinator and office bearers of the club. The students were given information on Gesture Based Laptop, Face Recognition, Drone Making, etc during the session.

Day 12 (30 August 2018)

□ Shri Krishna Das (Akshay Patra Foundation) talked about human values and qualities to be a good student. He introduced his Foundation by playing a short film (documentary) on Akshay Patra Foundation. The film showed all the activities and Technology (machines) related with the Foundation. He told to the students that the Foundation had arranged a food camp in Kerala flood relief and two billion meals had been served till now. It also arranges a Summer Internship for students and the number of seats is around 60. Then, he talked about good and bad habits. Using a Sanskrit shloka, he elaborated the five necessary qualities of a student. From the story of the thirsty crow, he told that as a crow, one should keep on his attempts for his goal. As a crane continuously focuses on big fish and let the small fish, a student should also set big goals and should avoid distraction. Be cautious about one’s “ahara”, i.e. all those things which feeds all our organs. As a dog is always alert about its surroundings even when it is sleeping, a student should be also alert likewise. A student should also leave his/her comfort zone. One’s thoughts decide one’s words and words ultimately decide one's habits.

□ He played one more video of an inspirational story of a boy. The moral of the video was that one’s value depends on the person who is going to judge him/her. He urged the students to prepare a list of their good and bad habits. He suggested the students to focus on one thing at a time. Shri Das also played a short film on distraction

by social media and warned the students to limit the use of social media. One should appreciate the good qualities and condemn bad qualities. He quoted Socrates as “The secret of happiness is not found in seeking more, but in developing the capacity of enjoy less”. He advised the students that bad habits can't be removed, but can be replaced by good ones following these traits:

- ✓ Keeping good company
- ✓ Book reading
- ✓ Meditation
- ✓ Diet for happiness
- ✓ Early to bed and early to rise

□ It was a very interesting session and the students asked many questions.

□ In the first session of afternoon, Dr. Arvind Mittal, a well-known medical practitioner of Gwalior, was invited to talk about General Health issues and various myths regarding them. He started talking about the first aid for various health conditions. If one gets burn from anything on his body, the popular way is to use toothpaste or oils, creams, etc. He prohibited to use these things as a first aid and suggested that the burned area should be cleaned with fresh normal water, but one can also use a fresh cut potato on the burn. If someone is caught by a high grade fever, the patient's body should be sponged with plane normal water. One can also take bath using normal water to reduce temperature. Avoid chilled water in both the cases. In the case of animal bite, don't use red chilli, just wash the injured place with soap and clean water to reduce the virus of rabies by 90% to 95% and go for medication as soon as possible. Pregnant ladies can also be vaccinated for rabies. For wound and cut, press lightly to stop bleeding, use bandage, don't go for massage for internal injury. In the case of fracture, one should immobilize the fractured part with any straight thing (wood or scale) fastened. No more first aid is required. If one gets injured with anything (wood, iron, any metal) deeply, he/she must go for tetanus injection and its effect remains up to a month. Treatment of chickenpox is also very necessary and it is available in all clinics and Hospitals. He also talked about that case of snake bite. He told to the students that one should at once be taken to the nearest government hospital and should not waste time in cutting or binding, as it has no effects. For the stomach problem like loose motion or acidity, try to avoid ENO and take as much water as one can. In the case of bite by bees, one can rub ENO on the affected place. For severe loose motion, one should take ORS in an adequate amount to avoid dehydration otherwise it might be dangerous. The students were excited throughout the session and asked many queries.

□ Bridge classes for Physics, Chemistry and Mathematics were conducted in the last session during 4-5 PM.

Day 13 (31 August 2018)

□ Mr. Sandeep Pradhan was invited in the morning session to familiarize newly admitted students with harmony and meditation. Mr. Pradhan is an alumnus of the institute and also works as a meditation trainer. He told the students that clarity in their thoughts and actions matched with balance in personal and professional life, gives one, the quality of harmony. Heart fullness at the work place increases efficiency, that's why many institutes of national and international importance, regularly organize programs on heart fullness supported by Yoga and Meditation. He informed that one's internal harmony represents one's place in society. It starts contributing to one's family and reaches up to the national as well international level. Meditation is an integral part in the development of internal harmony. If we meditate, our aura expands to the society. He also coordinated a meditation session of 10 minutes. All the people present were instructed to close their eyes and follow the steps after him. After 10 minutes, he asked the people about their feelings regarding the hands-on session of meditation and almost everyone felt relaxed after this session.

□ As the next speaker, Prof. Vishal Chaudhary, a faculty of the Department of Electrical Engineering, was invited to introduce the fundamentals and functioning of “Indian Society for Technical Education” (ISTE). The society has 102985 life members and 554094 student members. ISTE provides learning programs to teachers & administrators of technical institutions. MITS chapter of ISTE got the best student chapter award in 2014. ISTE organizes technical competitions and events in collaboration with other laboratories and facilities provided by them. Advance skill program titled Xcalibre was also organized, which contained written exam, group discussions and personal interviews. It also organizes special lectures & workshops on industry oriented technical skills like MATLAB, AUTOCAD etc. MITS chapter of ISTE organized an event titled “Chimera-X” 2018 in collaboration with MANIT, Bhopal and very recently another event titled “Adrohan 2018” was organized for final and pre-final year students of the institute. He told that ISTE is a national level society to improve the technical & professional skills of students as well as faculty.

□ The students were then addressed by Mr. Prashant Mehta, senior IAS, ex Director General (Administration) and Member, Board of Governors, MITS. He shared some of his fond memories about his relationship with Late H.H. Maharaja Srimant Madhav Rao Scindia, while in the Ministry of Railways, Civil Aviation & HRD.

- He made the situation little light by narrating the story of Albert Einstein and his driver and advised the students to go for deeper meaning of things in life and not merely relying on the peripheral know how only. He motivated the students further, by saying that the four years of engineering study would serve as the foundation stone for next 40 years of prosperous life. He made the students understand not to have short cuts in life. He quoted the example of a butterfly that how it struggles and puts continuous efforts to come out of its pupa stage in the cocoon & become a full-fledged butterfly. In a similar manner, every individual must also face problems, ups & downs in life boldly and come out victorious.
- During his talk, Mr. Mehta drew attention of the students towards the rapidly changing world of today. He explained his point through the example of the Hollywood movie “Total Recall” which dealt with the rapid and fast technological advancements that are happening in the world. He recalled his past when people could not even imagine the development of television and mobile phones that has occurred. He, later, advised the students to have a balance in all spheres of life and warned them to stay away from negative people.
- He explained that the way people behave on a Pani Puri stall and take account of the money spent, in a similar way, the students must also take benefit of the college facilities and faculty for the fees paid by them.
- He told the students to become good persons by quoting about Kerala floods and the rescue operation carried out by the armed forces and applauded their efforts. He said the way the armed forces treated people equally without any distinction, every student should also consider all people equal.
- He shared the story of Bollywood actor Amitabh Bacchan and his private secretary Rosy Singh to tell how she stood by Amitabh Bacchan in his difficult times & was paid back by him for her goodwill. So, every person must also be grateful to people who helped them in difficult times. Mr. Mehta also told the students to adopt a positive outlook and learn to appreciate good things however small they might be.
- He also asked them to improve and develop their thinking skills. He told them to think differently as every human utilizes only 10% of his brain and emphasized on the significance of adapting a lateral thinking approach rather than becoming a vertical thinker. He further strengthened his point by taking examples of matches played during Wimbledon and story of “The Verger” by W. Somerset Maugham.
- Post lunch session was a departmental visit session during which all newly admitted students were allowed to visit their respective departments where they learned and familiarized with different departmental activities & facilities.

Day 14 (01 September 2018)

- The morning session was organized for information sharing regarding different cells and centers active in the institute. Dr. Sunita Sharma, I/C NPTEL/SWAYAM, enlightened the students about the indigenously developed IT portal provided by Ministry of Human Resource Development. She spoke about the three cardinal principles of Education Policy viz., access, equity and quality and about Technology enabled Learning. These portals aim to provide knowledge on subjects from 9th standard to post graduate education through more than 2000 courses. She also gave a detailed description of the course structure and the pattern followed for examination and scoring. She further emphasized on the advantages of enrolling for an online course in which the verifiable certificates were also discussed.
- In-charge Central Computer Centre, Prof. Prabhakar Sharma represented the various facilities available like more than 100 desktop computers with latest configuration and 100 MBPS lease line having OFC backbone from National Knowledge Network (NKN). He compared the services available in the Central Computer Centre and the institute premises to those available at best of IITs.
- Cultural Coordinator of the institute, Dr. Manish Dixit, spoke about various cultural clubs and activities running in the institute. He also spoke about the heritage of Gwalior and the importance of balancing education and cultural interests. He informed the students about Art Club, Literary Club, Dance Club, Music Club, Drama Club etc.
- Dr. Sanjay Tiwari, I/C Value Added Courses, spoke about the new scheme which revolved around the idea of flexibility to choose courses. He further informed the students about the various courses like C++, JAVA, MATLAB, waste water treatment; solid waste management etc meant for value addition of the students provided during 05:30 - 07:30 PM. Industrial experts for specialized courses can also be invited to deliver lectures in these courses.
- Dr. Hari Mohan Dubey, I/C GIAN told about the Global Initiative of Academic Networks (GIAN) portal which is under the aegis of MHRD, Govt. of India. It ensures to garner best international experiences into the system of education through a wide range of courses.
- Prof. Jamvant Kumre, I/C Prime Minister Special Scholarship Scheme (PMSSS) informed the students about this scheme available in the institute especially for J & K students implemented by AICTE. This particular

scheme enhances the employment opportunities and higher education prospects for such students. He further informed the students about the availability of seats under different categories.

□ Dr. C. S. Malvi, I/C Innovation Cell briefed about practices and projects at MITS functioning under the umbrella of innovation cell. He displayed some of the many products manufactured by students some of which are available on the internet for purchase. He informed about the various patents filed by the students within this cell. He also spoke about the vision of launching “Madhav Nano Satellite Mission” and insisted that students must innovate, daily.

□ Dr. Akhilesh Tiwari, I/C Start up Cell, informed about this cell which was started in November 2017 under TEQIP-III project of NPIU, a unit of MHRD. He asked the students to think out of the box and come up with technologically enabled ideas which could be funded under the cell. He said that this cell requires only a mindset for a student to participate, collaborate and develop.

□ Prof. Kuldeep Swarnkar, I/C Summer Internship explained the Summer Internship component of the new flexible scheme incorporated according to AICTE and the credits that students will gain after the completion of these summer internship programs. He emphasized on the importance of this internship as it bridges the gap between theory and practical. The short film on the summer internship successfully carried out in June 2018 was also shown to students.

□ Prof. Prabhakar Bhadoria, told about the different programs and activities carried out by the Entrepreneurship Development Cell from its inauguration till present.

□ Later, Dr. R. K. Pandit, Director MITS, addressed the students on various avenues and opportunities available to the first-year students which they can make use of. He motivated the students to build confidence and work on set targets. He informed them about the Open Dialogue session. He advised the students to learn from their failures and develop passion for their profession. He told the students to develop the capacity of listening. He also stated that a teacher is a mere facilitator of knowledge.

□ The induction program got concluded with the evaluation of students’ knowledge acquired during the induction program followed by the feedback session.

Day 15 (4 September 2018)

□ A special motivational session seminar for newly admitted students was organized by the institute in the post lunch time on 04/09/2018. Ex- UPSC chairman & Member, Board of Governors, MITS, Prof. D.P. Aggarwal was invited to address the students. He told the students that only they can decide about the available opportunities. The number of professional degree institutes like IITs, NITs and IIMs are being increased by the Govt. of India. To improve the quality of professional education, the number of faculty members is also being increased to accommodate the increased number of students. Some people misguide the students about the career opportunities available after the engineering courses. He advised the students not to listen to them. He told them that these four years of B.Tech. course is a golden period of their life. The better they do here; the better is going to be their career. He informed the students about the opportunities available in Govt. sector. He advised the students that if they have a plan to become a civil servant, they should start preparation right then. Some students think that after completing their graduation, they would start preparation for civil services, but it’s not right. If they start preparation for civil services along with their graduation course, they may appear for civil services exam in the final year itself and would be able to find out shortcomings in their preparation early.

□ He discussed about an experiment done by IITs. He told that once on IIT decided to abolish the necessity of minimum attendance for the students. After some days, when it was monitored, it was found that only a few students came to the institute and those who wanted to learn something extra, they did not come to the institute. Now, all the IITs have a regular attendance scheme. He emphasized on the need of students to attend their classes regularly such that there will be more interaction between the faculty and students and their understanding would also improve. He told them to be present in the institute from breakfast till dinner. He concluded by pointing out some necessary steps for becoming successful in life:

- ✓ Analyze life with honesty. It is always beneficial in the improvement.
- ✓ Write one’s strong factors in a column and always try to improve them.
- ✓ Hard Work - Hard Work always paves the path for success in any field of life. If one enjoys doing hard work, the success will be closer to him/her.
- ✓ Language - To get successful, no language is a hindrance. One can learn English with regular practice. There are many examinations organized in dual languages both in Hindi as well as in English.

Summary

The graduating student must have values as a human being, knowledge and met skills related to his/her profession as an engineer and as a citizen. Most students, who get de-motivated to study engineering or their branch, also lose interest in learning. The Induction Program is designed to make the newly joined students feel comfortable, sensitize them towards exploring their academic interests and activities, reducing competition and making them work for excellence, promote bonding within them, build relations between teachers and students, give a broader view of life, and building of character.

Induction Program 2018 Feedback Summary

Branch wise registration details

1. Did the program provide you with valuable information to help you?
2. Did it help you understand more about the Institute and its people?
3. How was the quality of information provided?
4. If the Information, advice and guidelines provided to you was appropriate?
5. Did this program help you to improve your values & personality?
6. Did this program help you feel more at ease with your peers?
7. Did this program help you feel more oriented & prepared for future?
8. Your opinion about duration of the program
9. How would you rate the induction program overall?

Suggestions

- Praograms are not started as per the given time.. Inappropriate setting on first day (2)
- MITS has given us such a platform which develops our overall personality to be a human being and it has also given us opportunity to show our best (2)
- Good (2)
- Amazing induction programme (2)
- Excellent (2)
- no
- Keep it up MITS
- It was an excellent program . Thank you MITS
- To provide mentor mentee programme soon
- The effort was commendable
- Labs are not so good
- Lack of seats and area in sac when all students were there and the schedule wasn't followed very well
- Nopes
- no suggestion
- It helps me to know about my college my friends and teachers where I am going to spend next 4 years.
- All good
- Good but too long
- It was an overall good experience. The knowledge you provided is not limited for 1 week, month or year but for lifetime. The only problem we faced was the Rakhi festival in between due to which we had to miss some days. Thank you all the faculty members and MITS.
- We want some more physical activities during this induction program.....
- I will you have planned physical activities at the end but ignore it, only one day we get the chance in fifteen days. I hope Jaisadikhaya or sikhayagyawaisa campus ho.
- The audio quality in other classes was not good
- Awesome
- Make it short
- Teacher's and office department is very cooperative and helpful
- For some students live view was available in a other classes that was not managed good except this all was very fine and knowledgeable
- The things which were left like mentor mentee meet should occur..
- Over all induction programme good
- Sir i have to tell that when we sit inthe class not in sac we feel so bored... Improve this only. . Thnkyou

- Well conducted and maintained. Nicely oriented.
- Time Management
- Over all induction programme is gudd.... There is technical prblms in other rooms which r facing by the students who r not present in sac.....
- It is very good and ot tells us many precious and through this we achieve alot of things
- Program was awesome
- Was a good program..... Loved it and learner a lot.....
- Sports facility should be improved
- There should be time limit of lectures of eminent personality
- More info about college facilities and clubs
- Good but sometimes boring
- Please provide the induction program videos on YouTube oh Monday and Tuesday 27 and 28 August...
- It was really good and gave us the chance to interact with the eminent personalities. I wasn't happy initially when we were seated in other rooms because, sometimes audio transmission would stop and even video too.
- During the whole 15 days induction programme refreshments should have been provided.
- Literally, it would have been better if the duration of program would have been lesser!
- Programs should be happened according to the schedule given to the students
- Learn information about institute
- Time duration must get short...n seating arrangement...for all branch students
- Nicely organised and the eminent personalities are very good and the life experiences explained by them are really helpful.
- Some activity should be done on a daily basis
- Regular yoga classes is expected.please
- SAC should be bigger so that all thebranch's can sit together and it will bring more interest as sitting in class and listening via speaker and YouTube is not enjoyable.
- Clean civil laboratory
- I think that is so good but at time of projected class is not so good. THANKS
- For outers Gwalior visit is not so good.. Overall it was excellent
- Every think in this program is perfect
- A good accommodation for making all the students available at one time is required. A college visit was very vital.
- Back sitting student not support or listen quitly during lecture
- Thanks to mits for changing my point of view to change my goal and future in social and healthy way.
- Induction programme was amazing. It makes me feel like a complete person. I have learned many things from this 3 weeks programme...
- No suggestions
- Program was fantastic
- Program was fantastic.
- Great experience
- According to me induction programme is the best.
- Very good
- The condiction was literally awesome
- Not to be suggested because induction program is to good
- There should be sufficient place for everyone to attend the program bcoz from the starting days we used to sit in the classroom not in SAC due to non availability of seats and that time it is not much interesting so next time there should be sufficient places for everyone...
- Mits done a great job for this valuable induction program. Really appreciable.
- program telecast in room other than sac should be improved. campus visit should be included. speaker quality can be imprived.
- Are you providing this all more we are waiting. ...
- There should be something interesting in programme
- Should be of 5 days
- Please provide all the program videos from 16 Aug to 1 sep on youtube
- I think these motivational lectures of study must be continuously given to students monthlyplease I think it's important
- Sir Can we have small 5km marathon for new oriented 1st year students
- Was quite useful

- There was a connectivity problems when we sit in classrooms so please correct these faults
- I LOVE THIS PROGRAM
- Short duration
- Prepare a sufficient big Hall so that all students can sit together and interact easily
- Beautiful
- Nice
- Improve gaming facilities
- I suggest that you have to make an auditorium so that all students sit together and they interact with each other easily
- Mits has required to pay his attention on sports cell b'coz during the whole orientation program I didn't hear anything about sports
- in this induction programme there are need more about research
- It helped me to analyze my hidden potentials and made me know more about my personality traits and calibers. The induction program was the best all-over. 😊
- Add some more interesting activities so that students can interact within themselves, also the long lectures needs to be reduced and although the program was really amazing and personality developer. Thankyou...!!
- No
- Mits collage is very good and No.1 collage in gwalior.
- I think sport should be played between induction program like cricket and i hope in future institute will give chance to students for participation in sport
- Being anmitsian below are some of my honest suggestions for my college mits to improve more and more: 1. Please improve the audio-visual quality shown in classrooms. 2. Please next time stick to the schedule provided. 3. Most guests and faculty members were magical but others were unable to provide much useful information that is relevant for newly admitted first year students and so that part went boring. 4. Most of our time was spent sitting on the same place, i agree that we're given opportunities to involve more and more but there were days when we attended lectures just sitting and on other days there were more activities. So maintain a balance between lectures and activities. 5. Creative arts involved many things like drawing, painting, music, art, photogarphy etc. But many were not conducted. Also the music and art/craft activity were conducted at the same time so I had to choose art/craft but I also wanted to give a try in music. 6. Motivational, UHV, etc lectures were good but presentations about clubs, online courses/platforms, academics were not much clear because a newly admitted student has not much idea how things happen in a college so that was a bit irrelevant. Thanks mits for letting me give a feedback and giving me a great memory.
- Please provide the correct information about the schedule and timing because there was a lot of confusion about it

INITIATIVES TOWARDS GENDER AND SOCIAL EQUITY

1. WORKSHOPS CONDUCTED

S. No.	Event/Activity	Topic	Date(S)	Internal/External Experts	No. of Participants	
					Internal	External
Biotechnology						
1.	WORKSHOP	Gender Sensitization	28 July 2018	Ms Suman Yadav, Student Counsellor, Scindia Kanya Vidyalaya	107	NIL

2. ACTIVITIES CONDUCTED TO PROMOTE GENDER SENSITIZATION, ENVIRONMENT CONSCIOUSNESS, SUSTAINABILITY, ALTERNATE SOURCES OF ENERGY & ETHICS AND VALUES AMONG STUDENTS

S. No.	Title of Event	Name(s) of Internal/External Resource Persons	No. of Participants [#]	Participation Level (Institute/Inter College/District/State etc..)
Electronics Engineering				
1.	Workshop on “Sensitization Workshop for Better and Improved Social Scenario” With Following Topics 1. Importance of Value Education 2. Changing Attitude Towards Working Women 3. Gender Equality 4. Save Nature-Save Life	1. Dr. Kusum Lata Singhal, Director, Koteswar Hospital, Vinay Nagar, Gwalior 2. Prof. Neera Shrivastava, Head, Psychology Deptt. Vijiya Raje Govt. Girls College, Morar, Gwalior 3. Dr. Neelam Mahendra, Senior Columnist, Writer, Social Worker, Gwalior	50	Institute

For Gender Equity Events no of Girls & Boys to be given separately

3. FACULTY ATTENDED TRAINING/CONFERENCE/WORKSHOP ETC.

S. No.	Name of Faculty	Name of Event	Event Venue	Date(s)	Duration
Electronics Engineering					
1.	Dr. Karuna Markam	Gender Sensitization	MITS, Gwalior	28/07/18	One day

2.	Dr. R P Narwaria	Sensitization Workshop for Better and Improved Social Scenario	MITS, Gwalior	One day	One day
3.	Prof. Madhav Singh	Sensitization	MITS, Gwalior	4 Aug.2018	One day
4.	Dr. Vandana Vikas Thakre	Gender Sensitization	MITS, Gwalior	28 /07/18	One day

4. GENDER EQUALITY ON MAHILA DIWAS

NSS unit, Red Ribbon Club and Mechanical engineering department a programme on gender equality on occasion of mahila diwas along with Family planning association of India on 08/03/2019 and 25 students were participated in this event.



5. CLUB ACTIVITIES

S. No.	Name of Activity	Level of Activity	Date	Brief Details	No. of Students Participated	Achievements/Winners Detail
<u>Name of Club/Society:</u> ISTE Students' Chapter MITS				<u>Faculty Coordinator:</u> Prof. Vishal Chaudhary		
1	Talk on Gender Equity	College	30/03/19	An talk by Miss Asia 2018 Tanya Mittal.	140	Miss Asia 2018 will interact with students & being the most successful event captured.

**FACULTY MEMBERS WERE GIVEN APPRECIATION CERTIFICATES
(Session - Jan. 2019 to June 2019) (Mid Sem - I, Feb. 2019 & Mid Sem - II, March 2019)**

Name of Faculty with Course	Feedback - I	Feedback - II	Average
Civil Engineering			
Prof. Shashank Sharma (BCEL 604, Geotechnical Engg. - I)	4.43	4.48	4.46
Dr. Sanjay Tiwari (BCEL 606, Theory of Structures - II)	4.13	4.19	4.16
Prof. A. K. Dwivedi (Sub: BCEM, Code: 100205) - Civil	4.23	4.28	4.26
Dr. Mir Shahanabaj (Sub: BCE, Code : 100203) - Civil	4.21	4.30	4.26
Prof. Mohit Jain (Sub: BCE, Code: 100203) - Mech.	4.65	4.85	4.75
Prof. Pranjul Rajpoot (Sub: BCEM, Code:100205) - Mech.	4.25	4.41	4.33
Prof. Pratibha Singh (Sub: BCEM, Code: 100205) - BT & Auto.	4.13	4.26	4.26
Mechanical Engineering			
Prof. Shikha Jha (Sub: Biology for Engineers, 100002)	4.23	4.30	4.26
Prof. Deepika Kushwah (Sub: Manufacturing Process, 120403)	4.09	4.02	4.05
Prof. Utkarsh Srivastava (Sub: Engineering Thermodynamics, 120404)	4.41	4.20	4.30
Prof. Kaustubh Khot (Sub: Operation Research & Supply Chain, BMEL-604)	4.57	4.28	4.43
Prof. Rahul Sagwal (Sub: EEES, Code : 100202) - Civil		4.26	4.26
Prof. Jyoti Vimal (Sub: BME, Code:100204) - Mech.	4.34	4.45	4.45
Prof. Vedansh Chaturvedi (Sub: Eng. Graphics, Code:100105) - Elex.	4.17	4.04	4.04
Dr. M. K. Gaur (Sub: Eng. Graphics, Code:100105) - CSE	4.47	4.44	4.44
Automobile Engineering			
Prof. K.K Yadav (Sub: Automotive Electrical and Electronics System-190402)	4.56	4.35	4.46
Prof. Subhas Chandra Pal (Sub: Engineering Thermodynamics,	4.48	4.30	4.39

190403)			
Prof. Shubham Shrivastava (Sub: Fuels and Pollution Control, BAUL-605)	4.19	4.29	4.24
Electrical Engineering			
Prof. Praveen Bansal (Sub: Electrical Machines-I-130402)	4.16	4.09	4.13
Prof. Kuldeep Swarnkar (Sub: BEEE, Code: 100104) - Elect.	4.05	4.48	4.26
Prof. Vishal Choudhary (Sub: BEEE, Code: 100104) - CSE	4.52	4.43	4.47
Electronics Engineering			
Prof. Madhav Singh (SUB: Electronics-II 140401)	4.76	4.42	4.59
Prof. Akanksha Gupta (SUB: Communication Networks, 140403)	4.12	4.15	4.14
Prof. Deepak Batham (SUB: Electronics measurement and instrumentation 140404)	4.01	4.02	4.01
Prof. Shivangi Garg (SUB: Cyber Security,100004)	4.44	4.36	4.40
Prof. Chaitanya Dhopte (SUB: Electronics measurement and instrumentation, 140404)	4.49	4.63	4.56
Prof. Pooja Sahu (SUB: Digital signal processing -BELL 602)	4.11	4.31	4.21
Prof. Rakesh Naik (SUB: Data communication, BELL 603)	4.21	4.25	4.23
Prof. Deepak Batham (SUB: Industrial electronics, BELL605)	4.07	4.02	4.05
Dr. Vikas Mahor (SUB: TV and radar engineering, BELL 803)	4.13	4.02	4.07
Electronics & Telecommunication Engineering			
Dr. Vikash Mahore (SUB: Electronics-II, 200401)	4.39	4.31	4.35
Prof. Awadhesh Gupta (SUB: Stochastic Process in Communication, 200404)	4.07	4.06	4.06
Prof. Rakesh Naik (SUB: Satellite communication, BETL 802)	4.28	4.38	4.33
Prof. Santosh Sharma (SUB: TV and radar engineering , BETL 803)	4.17	4.41	4.29
Computer Science & Engineering			
Prof. Abhishek Dixit (Sub: Design & Analysis of Algorithm, 150401)	4.05	4.02	4.03
Prof. Pooja Agarwal (Sub: Cloud Computing, BCSL-610)	4.07	4.06	4.07

Prof. Mohit Jain (Sub: Mobile Computing BCSL-602)	4.29	4.46	4.38
Information Technology			
Prof. R.R. Makhwana (Sub: 160403, Operating System)	4.79	4.43	4.61
Prof. Kirti Gaur (Sub:BITL605, Network & Web Security)	4.10	4.09	4.09
Prof. M. Shah Nawaz Ahmad (Sub: BITL610, Cloud Computing)	4.50	4.63	4.56
MCA			
Prof. Parul Saxena (Sub: Data Structures, 680203)	4.11	4.22	4.17
Prof. Nishtha Parashar (Sub: Theory of Computation, 680401)	4.52	4.48	4.50
Dr. R.S.Jadon (Sub: Artificial Intelligence and Machine Learning, 680402)	4.32	4.27	4.30
Prof. Parul Saxena (Sub: Unix and Shell Programming, 680403)	4.08	4.35	4.21
Prof. Nishtha Parashar (Sub: Java Programming and Technologies , 680404)	4.52	4.59	4.56
Chemical Engineering			
Prof. Anish P. Jacob (Sub: Heat Transfer, 170402)	4.13	4.33	4.23
Prof. Sulochana Nagar (Sub: Bioprocess Technology, BCHL - 801)	4.04	4.48	4.26
Dr. Antaram N. Sarve (Sub: Membrane Separation Processes, BCHL - 802)	4.49	4.65	4.57
Prof. Sachin Ramesh Rao Geed (Sub: Process Safety & Hazard Management, BCHL - 803)	4.53	4.68	4.61
Prof. Sumint Singh Trivedia (Sub: Environmental Engineering, BCHL - 804)	4.18		4.18
Prof. Sachin R Geed (Sub: Environmental Engineering, BCHL - 804)	4.55		4.55
Dr. Kulbhushan Samal (Sub: Environmental Engineering, BCHL - 804)		4.21	4.21
Humanities			
Dr. Arti Pipariya (Sub: Accounting and Management Control, 680205) - MCA	4.31	4.59	4.45
Applied Sciences			
Dr. D.K. Jain (SUB: Mathematics-III, 100003) - Elex.	4.52	4.38	4.45
Prof. Angad Ojha (Sub: Mathematics , 100003) - CSE	4.28	4.22	4.25

Prof. Deobrat Singh (Sub: Engg. Physics, Code: 100201) - Civil	4.17	4.25	4.21
Dr. Prachi Sharma (Sub: Engg. Physics, Code: 100201) - Civil	4.01	4.09	4.05
Prof. Deobrat Singh (Sub: Engg. Physics, Code: 100201) - Mech.	4.45	4.50	4.47
Prof. D. K. Mishra (Sub: Engg. Mathematics; 100102) - Elex.	4.40	4.25	4.32
Dr. Preeti Gupta (Sub: Engg. Chemistry, Code: 100101) - CSE	4.26	4.33	4.29
Dr. Prachi Sharma (Sub: Engg. Physics, Code: 100201) - Chem.	4.34	4.05	4.19

Annexure VII**RESEARCH PROJECT/PROPOSALS SUBMITTED TO FUNDING AGENCY (IN-HOUSE PROJECTS INCLUDED)**

S. No.	Name of PI/Co-PI	Project Title	Name of Agency	Proposed Duration	Amount
Civil Engineering					
1.	Dr R K Pandit	MODROB - Advance Renewable Energy Research Lab	AICTE	3 Years	40,90,000
2.	Dr R K Pandit	RPS - Performance analysis of thermal comfort and Sustainability analysis of Heritage Buildings	AICTE	3 Years	21,45,000
3.	Dr.M.K.Trivedi	MODROB			15, 00,000
Mechanical Engineering					
1.	Dr.C.S.Malvi	MODROB			19,91,612
Electrical Engineering					
1.	Dr.Hari Mohan Dubey	RPS			10,35,294
Electronics Engineering					
1.	Dr. Pramod Kumar Singhal	MODROB	AICTE	1 Years	11,34,000
2.	Dr.Vandana Vikas Thakare	RPS	AICTE	3 Years	14,50,000
3.	Dr.Laxmi Shrivastava, Madhav Singh	Intelligent Path Selection Mechanism in Flying Adhoc Network using Optimization Technique.	UGC	3 Years	15,01,260
Computer Science and Engineering/Information Technology					
1.	Dr.Sanjiv Sharma	Efficient Intelligent System for Heart Disease Prediction	AICTE (Under AICTE-NDF Scheme)	3 Years	14,50,000
2.	Dr.Akhilesh Tiwari	A Novel Framework for Forensic Pattern warehousing System	AICTE (Under AICTE-RPS Scheme)	3 Years	21,20,000
3.	Dr. Manish Dixit	An Intelligent Image Recognition for Real time surveillance	AICTE (Under AICTE-NDF Scheme)	3 Years	11,60,000
4.	Dr. Akhilesh Tiwari	Modernization of Programming Lab	AICTE (Under AICTE MODROB Scheme)	2 Years	26,45,000
Chemical Engineering					
1.	PI- Prof. Arti Sahu	Cost effective and Environment benign	CRS, TEQIP –III	1 Year	25,00,000

	CO-PI – Prof. Swati Gupta	production of value added products by structured electrocatalyst			
2.	PI- Dr. Antaram Sarve CO-PI – Prof. Anish P. Jacob	A Novel approach one pot extraction of galactomannan using mediated CO2	CRS, TEQIP –III	1 Year	25,00,000
3.	PI- Prof. Sulochana Nagar CO-PI- Dr. C.S. Malvi	Experimental Design and Optimization of Ceramic membranes for wastewater treatment	CRS, TEQIP –III	1 Year	25,00,000
Architecture					
1.	Dr. Alok Sharma	Inputs on DPR and RPF for Gandhi Mandi Market and Parking	CEO, Smart City Gwalior	-	06% - 01% of Total Cost of Project
2.	Dr.R.K.Pandit	RPS			19,76,471
3.	Dr. Anjali Patil	RPS			19,23,529
MCA					
1.	Dr.R.S.Jadon	STTP			4,40,000
Institute					
1.	Dr.R.K.Pandit	HFS			3,00,00,000
2.	Prabhakar Sharma	UGC			64,00,000
3.	Dr R K Pandit	GOC/UGC			21,45,000

CRS PROPOSALS SUBMITTED UNDER TEQIP-III MAY – 2019

S. No.	Title of the proposal	PI	Department	Budget
1.	Pedestrian Friendly Street Planning in and around Heritage Urban Centre	Almas Siddiqui	Civil Engineering	24,50,000/-
2.	Urban Heat island and climate change: A study in Gwalior	Chetan Sharma	Civil Engineering	1245000/-
3.	Quantification of the effect of Land use Land cover and Climate change on water availability in Sabarmati River basin	NupurVerma	Civil Engineering	1890000/-
4.	Assessment of the river navigation in Chambal river	Chetan Sharma	Civil Engineering	1405000/-
5.	Performance enhancement of unpaved roads using recyclable waste	Pratibha Singh	Civil Engineering	2275000/-
6.	Development of graphical approach to estimate trap efficiency	SourabhKakani	Civil Engineering	1300000/-
7.	Nonlinear Mechanics of Elasto-Flexible Cables using Placement Model	Dr. Pankaj Kumar	Civil Engineering	1115000/-
8.	Development of low cost water purification system using pervious concrete interlocking blocks	Nishi Gangwar	Civil Engineering	2090000/-

9.	Pedestrian Friendly Street Planning in and around Heritage Urban Centre	Almas Siddiqui	Civil Engineering	24,50,000/-
10.	Smart energy management system for optimal economic operation of microgrid	Prof Bhavna Rathore	Electrical Engineering	1815000/-
11.	Impact of renewable energy source integration on power system nertia:challenges and solutions	Prof Bhavna Rathore	Electrical Engineering	1815000/-
12.	Health monitoring with energy conservation of ring frame 3 phase induction motor (RFTPIM) in textile industries using soft computing techniques	Prof. Sourabh Kumar Rajput	Electrical Engineering	1950000/-
13.	Design and development of microgrid with proper energy management and control	Prof. AprajitaKumari	Electrical Engineering	1730925/-
14.	Medical Applications of Computational Fluid Dynamics in the human Nasal Cavity	Punjan Dohare	Electrical Engineering	1875000/-
15.	The three-dimensional approach in joint replacement technique to aid the orthopaedic surgeons	Punjan Dohare	Electrical Engineering	17,00,055/-
16.	Synergic App Framework for Analysis and Detection of Information Leakage in Smartphones Applications	Mr. Rati Bhan	CSE and IT	13,00,000/-
17.	An Intelligent Face Recognition framework for real-time surveillance	Mr. Rati Bhan	CSE and IT	18,10,000/-
18.	Compound Druggability Prediction for Stress Response target Protein using Physicochemical Propertie sand Machine Learning Approach	Arun Kumar	CSE and IT	19,50,000/-
19.	Design and Analysis of miniaturised ultra wideband antenna with enhanced bandwidth and gain	Santosh Sharma	Electronics Engineering	17,00000/-
20.	Stabilizing mechanism for tremors in arms and hands	Praveen kumar	Electronics Engineering	547500/-
21.	Design and Development of Portable Gnathodynamometer	Mr Neeraj Mishra	Mechanical Engineering	19,22,500/-
22.	3D Modelling & Finite Element Analysis of Bio structure from CT Scan & MRI Data	Dr Dharmendra Jain	Mechanical Engineering	25,00000/-
23.	Development of Aerial Robot for Cleaning of Solar Panels	Mr Manish Sharma	Mechanical Engineering	18,33,350/-
24.	Experimental Design and Optimization of ceramic membranes for wastewater treatment	Sulochana Nagar	Chemical Engineering	23,00000 /-
25.	Deciphering the comprehensive metabolic profiling from plant cell cultures of Pennisetumglaucum	Dr. Radhika, R	Biotechnology	25,00,000/-
26.	Analysis and control of noise pollution in hospitals	Dr. Naresh Kumar Raghuwanshi	Mechanical Engineering	2500000/-
27.	Performance Enhancement of solar Distillation systems using nano particles	Dr Amrat Kumar Dhamneya	Mechanical Engineering	25 Lakh
28.	Effect of hydrogen on aluminium 7XXX alloy series	Mr. Kapil	Mechanical	12 Lakh

			Engineering	
29.	Investigation of Fire Retardation of Various Solar Cell Materials	Dr. Ravi Kant Ranjan	Mechanical Engineering	2164425/-
30.	Performance Enhancement of solar Distillation systems using nano particles	Dr Amrat Kumar Dhamneya	Mechanical Engineering	2500000/-
31	Cognitive Literary Studies for the Progress of Computational Cognitive Modelling	Dr Valuiur Rehaman	Dept of Humanities	1440,000/-
32	Cost effective and environment benign production of value added products by Structured Electro catalyst	ArtiSahu	Chemical Engineering	22,22,000/-
33	Design and Analysis of Shunt Active Power filters using Multilevel Inverters for Solar PV Grid Integration	Nipun Gupta	Electrical Engineering	1499000/-
TOTAL				6,14,94,755

RESEARCH PROJECT/PROPOSALS SANCTIONED TO FUNDING AGENCY (IN-HOUSE PROJECTS INCLUDED) 2018-19

S. No.	Name of Principal Investigator	Title	Name of Agency	File No.	Sanction Date	Approved Duration	Grant-in-aid Sanctioned	Amount to be Released
Civil Engineering								
1	Dr. M. K. Trivedi Co-ordinator	Development of Optimum Front for Time Cost Trade-Off in Construction Projects	AICTE, New Delhi	8-20/RIFD/RPS- NDF /POLICY- 1/2018-19	March 2019	3 Years	Rs. 1100000/- (Rs. 1000000/- for Non- recurring and Rs. 100000/- for Recurring)	Rs. 1090000/- (Rs. 1000000/- Full amount of Non-recurring) + (Rs. 90000/- 90% of Recurring)
Electrical Engineering								
1	Dr. A.K. Wadhvani	Medical Image Processing	AICTE, New Delhi	8-10/RIFD/RPS- NDF /POLICY- 1/2018-19	March 2019	3 Years	Rs. 2175000/- (Rs. 1848750/- for Non- recurring and Rs. 326250/- for Recurring)	Rs. 2142375/- (Rs. 1848750/- Full amount of Non-recurring) + (Rs. 293625/- 90% of Recurring)
Architecture								
1	Dr. Alok Sharma	Modernization and Removal of Obsolescence Scheme	AICTE, New Delhi	9-29/RIFD/ MODROB/POLIC Y-1/2017-18	Jan. 2019	2018-2019	1749000/-	1749000/-

COLLABORATIVE RESEARCH SCHEME (CRS) PROPOSALS SANCTIONED UNDER TEQIP-III

S. No.	Title of the proposal	PI	Department	Approved Budget (Rs.)
1.	Health monitoring with energy conservation of ring frame 3 phase induction motor (RFTPIM) in textile industries using soft computing techniques	Mr. Sourabh Kumar Rajput	Electrical Engineering	13,77,000
2.	Design and Development of Portable Gnathodynamometer	Mr. Neeraj Mishra	Mechanical Engineering	14,64,000
3.	3D Modelling & Finite Element Analysis of Bio structure from CT Scan & MRI Data	Dr Dharmendra Jain	Mechanical Engineering	17,35,000
4.	Deciphering the comprehensive metabolic profiling from plant cell cultures of Pennisetumglaucum	Dr. Radhika, R	Biotechnology	19,64,000
5.	Analysis and control of noise pollution in hospitals	Dr. Naresh K. Raghuwanshi	Mechanical Engineering	21,83,000
6.	Performance Enhancement of solar Distillation system using Nanoparticles	Dr Amrat Kumar Dhamneya	Mechanical Engineering	12,90,000
7.	Cognitive Literary Studies for the Progress of Computational Cognitive Modelling	Dr Valuiur Rehaman	Dept of Humanities	7,16,000
8.	Nonlinear Mechanics of Elasto-Flexible Cables using Placement Model	Dr. Pankaj Kumar	Civil Engineering	10,58,000
9.	The three-dimensional approach in joint replacement technique to aid the orthopaedic surgeons	Ms. Punjan Dohare	Electrical Engineering	14,87,000
10.	Impact of renewable energy source integration on power system inertia: challenges and solutions	Ms. Bhavna Rathore	Electrical Engineering	11,57,000
11.	Synergic App Framework for Analysis and Detection of Information Leakage in Smartphones Applications	Mr. Rati Bhan	CSE and IT	8,85,000
			TOTAL	1,53,16,000/-

RESEARCH, CONSULTANCY, OTHER FUNDING, EXTENSION (PROJECTS ONGOING) 2017-2018

S. No.	Name of Principal Investigator	Title	Name of Agency	File No.	Sanction Date	Approved Duration	Grant-in-aid Sanctioned	Amount to be Released
Civil Engineering								
1.	Dr. M. K. Trivedi Co-ordinator	(Extension Activity) State Technical Agency, MITS, Gwalior	NRRDA New Delhi	STA (State Technical Agency, MITS, Gwalior)	Nov 2013	Continuous	--	As Per DPR of Seven District of Gwalior & Chambal Region Under PMGSY

								Scheme
Mechanical Engineering								
1.	Dr. C S Malvi	Distinguished Visiting Professorship (DVP) Scheme	AICTE - INAE	--	March 2017	31 July 2019	--	Travel and honorarium sanctioned and paid to distinguished ISRO Scientist
Electrical Engineering								
1.	Manjaree Pandit	Addressing power system operational challenges with Renewable Energy Resources using nature inspired optimization technique. (Under RPS Scheme)	AICTE, New Delhi	8-36/RIFD/RPS/POLICY-1/2016-17	02 August 2017	3 Years	Rs. 1235264/- (Rs. 1050000/- for Non-recurring and Rs. 185294/- for Recurring)	Rs. 1216765/-
Computer Science and Engineering/Information Technology								
1.	Dr. R.K. Gupta	Modernization of Hardware Laboratory (Under MODROB Scheme)	AICTE, New Delhi	9-39/RIFD/MODROB/Policy-1/2016-17	2017	2 Years	Rs. 290000/- (Rs. 238824/- for Non-recurring and Rs. 51176/- for Recurring)	Rs. 290000/-
Humanities								
1.	Dr. Sanjeev Khanna	Language Laboratory Upgradation (Under MODROB Scheme)	AICTE, New Delhi	9-58/RIFD/MODROB/Policy-1/2016-17	2017	2 Years	Rs. 1200000/- (Rs. 988235/- for Non-recurring and Rs. 211765/- for Recurring)	Rs. 1200000/-

RESEARCH, CONSULTANCY, OTHER FUNDING, EXTENSION (PROJECTS COMPLETED THIS YEAR; UC SENT)

S. No.	Name of Principal Investigator	Title	Name of Agency	File No.	Sanction Date	Approved Duration	Grant-in-aid Sanctioned	Amount to be Released
Architecture								
1.	Prof. L. K. Jain	Third party Quality Assurance of CISF & ASI, Barrech at Agra, CPWD, Agra	CPWD, Agra		Feb 2017	2 YEARS	2018	135000.00
2.	Dr. S.S.Jadon	Saheed Park SADA, Morena M.P.)	SADA, Morena				Complete	

Items Purchased under TEQIP- III

S.No.	Name of Package	Name of Item	Quantity
1	Networking items	Cable, connector, patch cord, harddisk, Liu, module, router, switch, switch rack, toolkit, wireless access point etc.	1106
2	Server through GEM Direct Contract	Server GEMS18879311	06
3	Digital Teaching Device Through GEM Direct Contract Interactive Display Through GEM Direct Contract	Digital Teaching Device GEMS18879312 Interactive Display GEMS18879310 Ultrashort throw LED/LCD Projector GEMS18879913	09
4	Projector & Screen Audio Systems etc. Through GEM Direct Contract, Projectors through GEM Direct Contract	Ultrashort throw LED/LCD Projector GEMS18879913, Projectors	5,8,8
5	Computer Shopping Computer Peripherals Shopping, Desktop computers	Computer, External Hard Drive, Heavy Duty printer, Heavy Duty Scanner, Multifunction Printer, Printer, Scanner, Computers, multifunction printer, laptop i7	84,60,10,7,44,6
6	Hardware based lecture recording Through GEM Shopping	Hardware based lecture recording	3
7	Interactive Display Through GEM Direct Contract	Interactive Display 98", Interactive Display	1,1,1
8	Internet of things Lab Shopping	Raw material for the development of IOT, Real Time Application of IOT in Automatic Weather Monitoring System (Cloud based), Wi-Fi based IOT Development Kit, WSN Based IOT Development System	1
9	Swayam Prabha	TV Set/LCD Panel with audio system	5
10	Xerox Machine	Xerox Machine	1
11	Plagiarism Software	Turnitin Anti Plagiarism web tool Originality Check	1
12	Video streaming	Camcorder, Touch Switcher All-in-One Live Production Solution	1
13	Video Wall	Video Wall	1
14	Studio Room Equipments	4K/FHD 3-chip Camcorder, Document Camera Ceiling, Memory Card R/W, Teleprompter, Camera Stand/ Tripod with Dolly, RS-Box, Storage Disk, 40" LED Display, Computer System for Editing with monitor, Lighting System, Sound System, Installation Material, SITC (Site Installation, Testing and Commissioning) & Training	1

15	LAN Networking items	Switch 8 Port Gigabit, Switch Gigabit Port (L3 switch),Switch Gigabit Port (L3 switch),Switch 8 Port Gigabit, Switch 24 Port, Transceivers for SM fiber, UTP Cat-6 Cable Roll, Connector,I/O Box with complete set, Racks with power supply, Racks with power supply, Patch card 1 meter, Patch cord,Cat-6, 3 Mtr., LIU 12 Port, KVM Switch, Wireless Access Point with support Mounting Kit, Tools Kit, Hard Disk	2,5,1,15,24,5,10,20,100,10,2,10,25,1,2,20,3,5
16	UPS	UPS online	1,1
17	Student surveillance	Network Video Recorder, IP vandal Dome Camera., IP IR Dome Camera, IP IR Bullet Camera, IP IR PTZ Camera, SITC 2MP IP IR Bullet Camera, HARD DISK SURVEILLANCE, PoE Switch 8 PoE Switch 4 port	1,10,20,30,2,2,4,7,7
18	Conference System	Conference Chairman Unit	1
19	Ansys software	Conference Delegate Unit	10
		Mixer Amplifier	1
		Ansys Software	1
20	Wireless dongle	Wireless dongle	15
21	Stablizwer	Stablizwer	10
22	Audio System for smart Classroom	Audio System	6

Annexure IX

ACTIVITIES ORGANIZED BY THE SPORTS CELL

S.No.	Name of Activity	Date	Activity Detail in Brief	Number of Student Participate/ Team Participated in Tournament	Level of Activity	Achievements, If any
1	Inter-Collegiate Volleyball (Boy's) Tournament	21.10.2018 - 22.10.2018	Tournament organized in RJIT, Tekanpur, Gwalior, M.P.	12	Gwalior Nodal	Winner
2	Inter-Collegiate Volleyball (Girl's) Tournament	21.10.2018 - 22.10.2018	Tournament organized in RJIT, Tekanpur, Gwalior, M.P.	12	Gwalior Nodal	Winner
3	Inter-Collegiate Badminton (Boy's) Tournament	27.09.2018 to 28.09.2018	Tournament organized in IPS, College, Gwalior, M.P.	05	Gwalior Nodal	Winner
4	Inter-Collegiate Badminton (Girl's) Tournament	27.09.2018 to 28.09.2018	Tournament organized in IPS, College, Gwalior, M.P. Tournament	05	Gwalior Nodal	Winner
5	Inter-Collegiate Football (Boy's) Tournament	07.10.2018 to 08.10.2018	Tournament organized in SRCCEM, Banmore Distric Morena, M.P.	16	Gwalior Nodal	Winner
6	Inter-Collegiate Chess Tournament	22.10.2018 to 23.10.2018	Tournament organized in BITS, Gwalior, M.P.	05	Gwalior Nodal	Runner`sup
7	Inter-Collegiate Table Tennis (Boy's) Tournament	11.10.2018 to 12.10.2018	Tournament organized in NRICEM, Gwalior, M.P.	05	Gwalior Nodal	Winner
8	Inter-Collegiate Table Tennis (Girl's) Tournament	11.10.2018 to 12.10.2018	Tournament organized in NRICEM, Gwalior, M.P.	05	Gwalior Nodal	Winner
9	Inter-Collegiate Basket Ball(Boy's) Tournament	02.10.2018 - 04.10.2018	Tournament organized in MITS, Gwalior, M.P. 08 Number of Term Participated	96	Gwalior Nodal	Runner`sup
10	Inter-Collegiate Basket Ball Table Tennis (Girl's) Tournament	02.10.2018 - 04.10.2018.	Tournament organized in MITS, Gwalior, M.P. 05 Number of Term Participated	60	Gwalior Nodal	Winner
11	Inter Nodal level Basket Ball (Girl's) Tournament	09.10.2018	Tournament organized in MITS, Gwalior, M.P. 07 Number of Term Participated	84	State Level	Participated

12	Inter Nodal level Basket Ball (Boy`s) Tournament	09.10.2018	MITS, Gwalior, M.P. 07 Number of Term Participated	84	State Level	Runner`sup
13	H.H. Shrimant Madhav Rao Scindia Memorial Cricket Tournament	04.03.2019 - 10.03.2019	Tournament organized in MITS, Gwalior, M.P. 09 Number of Term Participated	144	National Level	Participated

Sports Club Activities

Faculty Coordinator : Dr. B.P.S. Bhadoria

S. No.	Name of Activity	Level of activity	Date	Brief Details	No. of Student Participated	Achievements / Winner details
1	SPARDHA	Inter- College	27/01/2019 to 29/01/2019	Following Activities Organized		
				1. Badminton	35	Boys winner – Amit (MITS) Girls winner – Anjali Vema (MITS)
				2. Basketball (5 teams)	25	Winner – Sport Academy, Morar
				3. Tug of War (10 teams)	50	Winner- MITS
				4. Volleyball (5 teams)	35	Winner –Vikrant College
				5. Chess	16	Winner- Komal Mishra (MITS)
2.	Nukad Cricket	College level	16/02/2019 to 02/03/2019	20 teams Participated	160	Winner – Intimate Warrior team

Annexure X

STUDENTS PARTICIPATION IN SEMINARS, CONFERENCE PAPER PRESENTATION, SUMMER INTERNSHIP, START-UP WORKSHOPS, HANDS ON TRAINING PROGRAMS, TECHNICAL EVENTS, HACKATHONS ETC.

S.No.	Student Name	Department	Venue	Types of Course	Title/Activity	Date	Year
1.	Niesh Bajpayee	Microweb EC	IIT Kanpur	SRC 18	Performance Comprasion Fanat Based on Modal Using Routing	9-11 March 2018	Second Year
2.	Nusrat Zahoor	Microweb EC	IIT Kanpur	SRC 18	Performance Comprasion Fanat Based on Modal Using Routing	9-11 March 2018	Second Year
3.	Deepali Gupta	Civil	IIT Hyderabad	Summer Internship	Summer Internship	1 April 2018	Third Year
4.	Ankit Dubey	Electrnics	RGPV Bhopal	Workshop	Startup Workshop	11-12 April 2018	Third Year
5.	Saurav Rawat	Civil	RGPV Bhopal	Workshop	Startup Workshop	11-12 April 2018	Third Year
6.	Shivam Yadav	Mechanical	RGPV Bhopal	Workshop	Startup Workshop	11-12 April 2018	Third Year
7.	Manuj Gupta	Electronics	RGPV Bhopal	Workshop	Startup Workshop	11-12 April 2018	Third Year
8.	Mohd. Salman	Civil	MPCST Bhopal	Hands on Training Program	DNA Sequencing and Sequence Data Analysis	24-28 July 2018	Third Year
9.	Saurav Rajput	Civil	MPCST Bhopal	Hands on Training Program	DNA Sequencing and Sequence Data Analysis	25-28 July 2018	Third Year
10.	Dharmesh Bisoriya	Civil	MPCST Bhopal	Hands on Training Program	DNA Sequencing and Sequence Data Analysis	26-28 July 2018	Third Year
11.	Bhanu Pratap Singh	Mechanical	SGSITS Indore	Event	Startup Yatra Event	30 July - 3 Aug. 2018	Third Year
12.	Rajendra Patel	Mechanical	SGSITS Indore	Event	Startup Yatra Event	30 July - 3 Aug. 2018	Third Year
13.	Rishav Titvilasi	Mechanical	SGSITS Indore	Event	Startup Yatra Event	30 July - 3 Aug. 2018	Third Year
14.	Krishna Sharma	Mechanical	SGSITS Indore	Event	Startup Yatra Event	30 July - 3 Aug. 2018	Third Year
15.	Sourabh Dhepte	Mechanical	SGSITS Indore	Event	Startup Yatra Event	30 July - 3 Aug. 2018	Third Year

16.	Saras Ajay Shrivastava	Chemical	IIT Hyderabad	Internship	Internship	17 June 2018	Final Year
17.	Apeksha Sharma	Chemical	IIT Hyderabad	Internship	Internship	30 May 2018	Final Year
18.	Harsh Shrivastava	Chemical	VIT Vellore	Paper Presentation in IEEE Conference	Paper presentation	6-8 Sept. 2018	Final Year
19.	Nikhil Ram	CSE	Bikaner	Hackathon 5.0	Hackathon 5.0	25-27 July	Third Year
20.	Siddhant Chauhan	Electrical	Bikaner	Hackathon 5.0	Hackathon 5.0	25-27 July	Third Year
21.	Vishesh Jadon	CSE	Bikaner	Hackathon 5.0	Hackathon 5.0	25-27 July	Final Year
22.	Vivek Jain	CSE	Bikaner	Hackathon 5.0	Hackathon 5.0	25-27 July	Final Year
23.	Saurabh Dhepte	Mechanical	SGSITS Indore	aic-aartech	Preincubation Programme	25 Aug. 2018	Third Year
24.	Priya Ainish Minj	Chemical	MPCST Bhopal	Hands on Training Program	Basic Plant Biotechnological Techniques	1 Sep. 2018	Third Year
25.	Ritwik Dixit	Chemical	MPCST Bhopal	Hands on Training Program	Basic Plant Biotechnological Techniques	1 Sep. 2018	Third Year
26.	Kuldeep Rathore	Electrical	DTU Delhi	ICPEICES	A New 15 Level Assymitrical Multilevel Inverter Topology with Reduced Number of Different PWM Techniques	22-24 Oct. 2018	ME ISD
27.	Jyoti Tomar	Electrical	DTU Delhi	ICPEICES	A New 15 Level Assymitrical Multilevel Inverter Topology with Reduced Number of Different PWM Techniques	22-24 Oct. 2018	ME ISD
28.	Ashwini Ojha	Electrical	DTU Delhi	conference	Analysis Of Different Modulation Schems in Asymmetrical Multilevel Invertor	22-24 Oct. 2018	ME ISD
29.	Subham Kumar Gupta	Electrical	KEIT Ghaziabad	CIPECH-18	Design and Analysis of a New 31 Level Multiple Inverter Topology with Different PWM Techniques	1-2 Nov. 2018	ME ISD
30.	Subham Gupta	Electrical	DTU Delhi	ICPEICES	A New 15 Level Assymitrical Multilevel Inverter Topology with	22-24 Oct. 2018	ME ISD

					Reduced Number of Different PWM Techniques		
31.	Ayushi Purohit	Chemical	CSIR-IICT, Hyderabad	BioSD	BioSD	22-25 Nov. 2018	Final year
32.	Harsh Srivastava	Chemical	CSIR-IICT, Hyderabad	BioSD	BioSD	22-25 Nov. 2018	Final year
33.	Shubham Ranjan	Chemical	NIT Raurkela	ICBSEE 18	Bioprocess for Sustainable Environment & Energy	6-7 Dec. 2018	Final year
34.	Lucky Thakuar	Chemical	NIT Raurkela	ICBSEE 18	Bioprocess for Sustainable Environment & Energy	6-7 Dec. 2018	Final year
35.	Saurabh Dhepte	Mechanical	Lonavala	Hunar 2.0	Hunar 2.0	28-29 Jan. 2019	Third Year
36.	Anand Singh Tomar	Electrical		ICCCDSE 19	Cloud Computing	10-11 Jan. 2019	ME ISD II Year
37.	Anvit Saxena	CSE&IT	Jabalpur	HacKtest 2019	HacKtest 2019	12-13 Jan. 2019	Final year
38.	Ankit Kushwah	CSE&IT	Jabalpur	HacKtest 2019	HacKtest 2019	12-13 Jan. 2019	Final year
39.	Shivam Sharma	Chemical	IISER, Bhopal	Conference	ACES-2019	7-8 March 2019	Final year
40.	Adarsh Gupta	Chemical	IIT-BHU	OSMOZE	OSMOZE	5-7 April 2019	Second Year
41.	Shilpita Sinha	Chemical	IIT-BHU	OSMOZE	OSMOZE	5-7 April 2019	Second Year

SCHOLARSHIP DETAILS JULY 2018 TO JUNE 2019

S.No.	Name of Scheme	Category	Funding Agency	Total no. of student	Amount
1.	Post Metric Scholarship	SC	M.P. Govt.	450	31180/- each
2.	Post Metric Scholarship	ST	M.P. Govt.	76	28570/- each
3.	Post Metric Scholarship	OBC	M.P. Govt.	669	28570/- each
4.	Mukhyamantri Medhavi Vidhyarthi Yojna (MMVY)	All Category	M.P. Govt.	128	Full Fee
5.	Mukhyamantri Medhavi Jankalyan Yojna (MMJKY)	All Category	M.P. Govt.	10	Full Fee
6.	Smart Control Scholarship	All Category	Er. Ashutosh Chincholikar	02	45,000/- each
7.	Garib Nirdhan Student	All Category	Er. Prabhat Bhargava	02	55,000/-
8.	Alumni Scholarship	All Category	Alumni Association	05@10,000/- each	50,000/-

Madhav Institute of Technology and Science, Gwalior – 474 005
(A Govt. Aided UGC Autonomous Institute Affiliated to R.G.P.V. Bhopal, M.P.)

Civil Engineering Department

Report on One Day Orientation Programme

One day Orientation Programme for the students of B.E. second year Civil, B.E. third year Civil and B.E. fourth year Civil was organized on 9th July 2018.

Only one parent (father of B.E. third year student) attended the programme. Feedback is taken from the parent.

During the orientation programme following activities were performed.

- Head of the department appraised the parents and students about the importance of orientation programme and parent teacher meeting.
- According to the schedule of activities (enclosure No.-1) faculty members of the department explained various academic and other institutional activities.
- From B.E. Final year six students attended the programme.
- From B.E. Third year three students attend.
- From B.E. Second ear 14 students attended.

(Prof. Archana Tiwari)
HCED

CIVIL ENGINEERING DEPARTMENT

The orientation program of M.E/ M. Tech - CTM & Environmental Engineering is organized by Civil Engineering Department on 16/08/2018 in New CTM Class Room, at 10:30 AM onwards. Nineteen students attended the program. Following activities were carried out during the orientation program:-

- Introduction of students and faculty members.
- Head of the department informed the students about the central facilities in the institute and the department.
- Prof A.K. Saxena discussed about basics of courses and its outcomes.
- Dr. S. K. Jain elaborated, how to prepare Seminar and Dissertation.
- Dr. Sanjay Tiwari interacted with students for research work and appraised about industry oriented dissertation work.
- Dr M. K. Trivedi discussed the importance of attendance and discipline.
- Prof. Aditya Agarawal provided information for Scheme and Time Table.
- Prof. Gautam Bhadoriya discussed usefulness of Moodle .
- Newly admitted students were introduced with their seniors.



Mechanical Engineering Department
ORIENTATION PROGRAMME SCHEDULE **Date: 10/08/18**

SCHEDULE OF THE ORIENTATION PROGRAMME OF PG (PRODUCTION ENGINEERING) ON 16/08/2018

S. No.	Time	Topic	Faculty
1.	11:00 AM	Introduction of Department by HOD	Dr. M. K. Sagar
2.	11:30 AM	GATE Scholarship, TEQIP –III funds for research scholars	Dr. P. Jayaswal
3.	12:00 (noon)	Important of taking part in technical activities outside the Institute	Dr. C. S. Malvi
3.	12:30 PM	Research Projects Proposals	Dr. M.K. Gaur
4.	01:00 PM	Universal Human Value	Dr. Jyoti Vimal
01:30- 02:00 PM		Lunch Time	
5.	02:00 PM	Introduction of OBE by OBE coordinator	Prof. Ajay Singh Rajput/ Prof. Vaibhav Shivhare
6.	02:30 PM	Importance of self-learning through SWAYAM/NPTEL	Prof. Vedansh Chaturvedi
7.	03:00 PM	Importance of Feedback (CO-PO, Curriculum, Faculty)	Dr.Amit Ahirwar
8.	03:30 PM	Institute MOODLE and MOODLE activities and its usage	Prof. Utkarsh Shrivastava
9.	04:00 PM	Procedure of M.Tech. Dissertation	Prof. Sharad Agrawal

Venue: SKF Lab

(Dr. Jyoti Vimal)

(Dr. M.K. Sagar)

Orientation Coordinator

HMED

Copy to:

1. Dean Student Welfare
2. Dean Academics
3. Director office for kind information
4. Concern faculty members
5. Notice Board

Mechanical Engineering Department

Reference No. :

Date: 12/07/18

Subject- Report on the orientation programme of Mechanical Engineering department

As per the notice, with reference no. DA/MP/18/693 one-day Orientation Programme for all students the department from second year onwards, was organized in the Seminar Hall of the Mechanical Engineering Department on 11/07/18 (Wednesday) from 11:00 AM to 2:30 PM. Faculties apprised the students about the various institutional and academics activities of the Institute as well as of the department so that they can derive the full advantage and student's participation and progression may be increased.

Full schedule of the Programme is given in the following Table-

S. No.	Time	Topic	Faculty
1.	11:00 AM	Introduction of OBE by OBE coordinator	Prof. Ajay Singh Rajput
2.	11:20 AM	Importance of self-learning through SWAYAM	Prof. BhupendraPandey
3.	11:30 AM	Career Opportunities/ How to prepare for GATE	Prof. SharadAgrawal
4.	11:45 AM	Importance of Feedback (CO-PO, Curriculum, Faculty)	Dr.AmitAhirwar
5.	12:00 PM	Importance of attending special classes for remedial purposes	Dr. M. K. Gaur
6.	12:15 PM	Institute MOODLE and MOODLE activities and its usage	Prof. UtkarshShrivastava
7.	12:30 PM	Effort by the Institute for students development like Chapter, Clubs etc.	Prof. VaibhavShivhare
8.	12:45 PM	Important of taking part in technical activities outside the Institute	Dr. C. S. Malvi
9.	01:00 PM	Introduction to schemes, courses evaluation (flexible curriculum,)	Dr. C. S. Malvi
10.	01:25 PM	Assignment of projects based on Industrial/Societal needs	Dr. C. S. Malvi
11.	01:40 PM	Important of Internships	Dr. AmitAhirwar
12.	02:00 PM	Other information important for the students regarding attendance, mid-term etc.	Dr. M. K. Sagar

After this, at the end of the programme there was a question-answer session where students were allowed to ask any queries regarding any of the above topics covered by the faculties and also to interact with the faculties who are going to teach them in this semester. Informal feedback was also taken by students about the institute as well as department. Students really enjoyed this and found it very useful as many of them didn't know about many of the topics covered, especially second year students. Overall the programme was very successful.

Dr. M.K. Sagar
(HMED)

Mechanical Engineering Department

Reference No. :

Date: 20/08/18

Subject- Report on the orientation programme of newly admitted M.Tech (Production Engg.)

One-day Orientation Programme for newly admitted students of M.Tech (Production Engg.) was organized in the SKF Lab of the Mechanical Engineering Department on 16/08/18 from 10:00 AM to 4:00 PM.

Full schedule of the Programme is given in the following Table-

S. No.	Time	Topic	Faculty
1.	11:00 AM	Introduction of Department by HOD	Dr. M. K. Sagar
2.	11:30 AM	GATE Scholarship, TEQIP –III funds for research scholars	Dr. P. Jayaswal
3.	12:00 (noon)	Important of taking part in technical activities outside the Institute	Dr. C. S. Malvi
3.	12:30 PM	Research Projects Proposals	Dr. M.K. Gaur
4.	01:00 PM	Universal Human Value	Dr. Jyoti Vimal
01:30- 02:00 PM		Lunch Time	
5.	02:00 PM	Introduction of OBE by OBE coordinator	Prof. Ajay Singh Rajput/ Prof. Vaibhav Shivhare
6.	02:30 PM	Importance of self-learning through SWAYAM/NPTEL	Prof. Vedansh Chaturvedi
7.	03:00 PM	Importance of Feedback (CO-PO, Curriculum, Faculty)	Dr.Amit Ahirwar
8.	03:30 PM	Institute MOODLE and MOODLE activities and its usage	Prof. Utkarsh Shrivastava
9.	04:00 PM	Procedure of M.Tech. Dissertation	Prof. Sharad Agrawal

A brief orientation about MITS Gwalior and GATE Scholarship is delivered by Head, Mechanical Engineering Department. Faculties inform the students about the various institutional and academics/research activities of the Institute as well as of the department. Students really enjoyed this. Overall the programme was very successful.

Dr. M.K. Sagar
(HMED)

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

ELECTRICAL ENGINEERING DEPARTMENT

As per Notice Number DA/MP18/693 dated 04.07.2018. One day orientations were arranged for the second year, third year & fourth year to apprise them various institutional and academic activities of the institute so that they can derive maximum advantage and student awareness and progression can be improved. The Schedule of one day orientation is included here:

S.No.	Time	Topic	Faculty
1.	11:00-11:15 am	Introduction to schemes/courses/Evaluation process	Prof. Vishal Chaudhary
2.	11:15-11:25 am	Introduction to OBE	Dr.Sulochana Wadhvani
3.	11:25-11:35 am	Importance of feedback on CO, PO, faculty feedback, Curriculum in accreditation & quality improvement	Dr.Sulochana Wadhvani
4.	11:35-11:50 am	Information regarding attendance, mid-term test, tips for faring well in examinations	Dr. Vijay Bhuria
5.	11:50-12:00 pm	Importance of attending special classes for remedial purposes	Prof. Kuldeep Swarnkar
6.	12:00-12:15 pm	Importance of self learning through SWAYAM	Dr.Shishir Dixit
7.	12:15-12:20 pm	Institute MOODLE and activities on MOODLE	Prof. Praveen Bansal
8.	12:20-12:30 pm	Importance of Internships	Prof. Praveen Bansal
9.	12:30-12:40 pm	Career opportunities/ How to prepare for GATE	Prof. Himmat Singh
10.	12:40-12:50 pm	Importance of taking part in technical activities outside institute/submission of such documents to class coordinator	Dr. Vijay Bhuria
11.	12:50-12:55 pm	Efforts made by institute for students overall development like Students Chapter & clubs	Prof. Vishal Chaudhary
12.	12:55-01:00 pm (only for IV year)	Assigning projects to final year students based on industrial/societal needs	Prof. Ashish Patra

For orientation program detailed power point presentation was prepared. All the 12 points given in the above mentioned Notice.

Introduction to Outcome Based Education & Importance of feedback on CO, PO, faculty feedback, Curriculum in accreditation & quality improvement was presented by Dr.Sulochana Wadhvani, Information regarding attendance, mid-term test, tips for faring well in examinations & Importance of taking part in technical activities outside institute/submission of such documents to class coordinator was presented by Dr. Vijay Bhuria, Importance of attending special classes for remedial was presented by Prof. Kuldeep Swarnkar, Importance of self learning through SWAYAM/NPTEL was presented by Dr.Shishir Dixit, Institute MOODLE and activities on MOODLE & Importance of Internships was presented by Prof. Praveen Bansal, Career opportunities/ How to prepare for GATE was presented by Prof. Himmat Singh, Assigning projects to final year students based on industrial/societal needs was presented by Prof. Ashish Patra. Introduction to schemes/courses/Evaluation process and Efforts made by institute for students overall development like Students Chapter & clubs was presented by Prof. Vishal Chaudhary. Attendance is maintained by respective class coordinators.

Following number of students are present

S.No.	Date	Year	Number of students
1	10.07.18	Second	30
2	11.07.18	Third	44
3	12.07.18	Fourth	25

Prof. Vishal Chaudhary
III Year Class coordinator

Dr. Vijay Bhuria
II Year Class coordinator

Prof. Himmat Singh
IV Year Class coordinator

Dr. Laxmi Srivastava
Prof. & Head, EED

MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR
DEPARTMENT OF ELECTRONICS ENGINEERING

10.07.2018

As per the order no. DA/MP/18/693 dt 04/07/2018, a one-day Orientation program for the students of II to IV year conducted on 09.07.2018 (12.00 Noon-01.35 PM). All the designated faculty brief the students about various activity of the department like curriculum, schemes, projects, lab, library etc. The activity along with faculty name is written below:

Time (PM)	Topic	Faculty
12.00-12.10	An Introduction to OBE by OBE coordinators	Dr. Vandana Vikas Thakre Prof Deep K Parsedia
12.10-12.15	Importance of self-learning through SWAYAM	Dr. Bimal Garg Prof Pratigya Pathak
12.15-12.20	Carreer Opportunities/ how to prepare for GATE	Prof Rishabh Shukla
12.20-12.30	Importance of feedback on (CO, PO, faculty feedback, Curriculum) in accreditation and quality improvement	Dr. Vandana Vikas Thakre Prof Deep K Parsedia
12.30-12.35	Importance of attending special classes for remedial purposes	Dr R P Narvaria
12.35-12.45	Institute MOODLE and the activities on MOODLE	Prof Madhav Singh Prof George Samuel
12.45-12.55	Efforts made by institute for students overall development like student chapter, clubs etc	Dr Laxmi Shrivastav Prof Chaitanya Dhopte
12.55-01.00	Importance of taking part in technical activities outside institute/ submission of such documents to class coordinator	Dr Laxmi Shrivastav Dr. Sudhakar Modem
01.00-01.10	Introduction to Schemes/ Courses/ Evaluation Process (II year students should be briefed about the Flexible curriculum & various electives etc	Dr. Rekha Gupta Dr. Rahul Dubey
01.10-01.20	Assigning projects to Final year students based on Industrial/ society needs	Dr. Karuna Markam Prof Rakesh Naik
01.20-01.25	Importance of internship	Prof Madhav Singh Prof Awadhesh Gupta
01.25-01.35	Any other information which the department feel is required to be clarified to the students to avoid complications and issues later (Regular attendance, mid-tern tests, tips for faring well in examinations etc)	Dr. P K Singhal

Encl: Photo of the program

Dr. P K Singhal
Head of Department
Electronics Engineering

Report

One day orientation programme schedule for the II-IV year students and M.Tech First Year Students

One day Orientation program was held on 9th of July 2018 for II-IV year students and discussed the various Institutional and Academic activities of the institute as per the instructions referred in Ref. No. DA/MP/18/693. One day Orientation program was also held on 16th of August 2018 for newly admitted M.Tech First year students.

The activities were arranged in different classrooms and coordinated by respective class coordinators along with other faculties of the department. We followed the schedule for the same as attached in Annexure-I.

The following points were discussed during the program by the co-coordinators and the faculties

- Importance of Lectures and class Attendance

- Flexible Curriculum scheme

- In house GATE training

- Outcome based education and Course outcome & its mapping

- Campus placements

- Importance of Moodle

- Importance of Mid- Term and Quiz examination

- Information regarding SWAYAM(NPTEL) courses

- Information regarding existing clubs and societies

- Facilities available in the department

- Details of MoU's and associations

- Projects (Related to market(Industry) requirement)

Due to the least participation of the students during the orientation program all coordinators along with the faculties decided to further take the same during their regular class room session for the benefits of all students.

Orientation Programme Schedule

CSE II Year

Time	Topic	Faculty	Point Number (Ref no. DA/MP/18/693)	Remarks
11:00-2:00	Parent Teachers Meet, Brief about flexible curriculum	Prof. Mahesh Parmar (coordinator)	5,7,8,9,11,12	
2:30- 2:55	Introduction to OBE, CO PO feedback	Dr. Sanjiv Sharma Prof. Dheeraj S. Gurjar	1,4	
2:55- 3:20	Importance of self - learning through SWAYAM	Prof. R. R. Makhwana	2	
3:20-3:45	MOODLE, Regarding faring well in examination	Prof. Punit K. Johari Prof. Neha Bhardwaj	6,12	
3:45-4:10	Career opportunities, GATE preparation	Prof. Sheo Kumar Prof. Namrata Agarwal	3	

CSE III Year

Time	Topic	Faculty	Point Number (Ref no. DA/MP/18/693)	Remarks
11:00-2:00	Parent Teachers Meet, Brief about flexible curriculum	Prof. Neha Bhardwaj (coordinator)	5,7,8,9,11,12	
4:10-4:35	Introduction to OBE, CO PO feedback	Dr. Sanjiv Sharma Prof. Dheeraj S. Gurjar	1,4	
4:35-5:00	Importance of self - learning through SWAYAM	Prof. R. R. Makhwana	2	
2:30- 2:55	MOODLE, Regarding faring well in examination	Prof. Punit K. Johari Prof. Neha Bhardwaj	6,12	
2:55- 3:20	Career opportunities, GATE preparation	Prof. Sheo Kumar Prof. Namrata Agarwal	3	

CSE IV Year

Time	Topic	Faculty	Point Number (Ref no. DA/MP/18/693)	Remarks
11:00-2:00	Assigning project based on industrial/ societal needs	Dr. Manish Dixit (coordinator)	5,7,8,9,10,12	
3:20-3:45	Introduction to OBE, CO PO feedback	Dr. Sanjiv Sharma Prof. Dheeraj S. Gurjar	1,4	
3:45-4:10	Importance of self - learning through SWAYAM	Prof. R. R. Makhwana	2	
4:10-4:35	MOODLE, Regarding faring well in examination	Prof. Punit K. Johari Prof. Neha Bhardwaj	6,12	
4:35-5:00	Career opportunities	Prof. Sheo Kumar	3	

		Prof. Namrata Agarwal		
--	--	-----------------------	--	--

IT II Year

Time	Topic	Faculty	Point Number (Ref no. DA/MP/18/693)	Remarks
11:00-2:00	Parent Teachers Meet, Brief about flexible curriculum	Prof. R. R. Makhwana (coordinator)	5,7,8,9,11,12	
4:35-5:00	Introduction to OBE, CO PO feedback	Dr. Sanjiv Sharma Prof. Dheeraj S. Gurjar	1,4	
2:30- 2:55	Importance of self - learning through SWAYAM	Prof. R. R. Makhwana	2	
2:55- 3:20	MOODLE, Regarding faring well in examination	Prof. Punit K. Johari Prof. Neha Bhardwaj	6,12	
3:20-3:45	Career opportunities, GATE preparation	Prof. Sheo Kumar Prof. Namrata Agarwal	3	

IT III Year

Time	Topic	Faculty	Point Number (Ref no. DA/MP/18/693)	Remarks
11:00-2:00	Parent Teachers Meet, Brief about flexible curriculum	Prof. Abhilash Sonkar (coordinator)	5,7,8,9,11,12	
3:45-4:10	Introduction to OBE, CO PO feedback	Dr. Sanjiv Sharma Prof. Dheeraj S. Gurjar	1,4	
4:10-4:35	Importance of self - learning through SWAYAM	Prof. R. R. Makhwana	2	
4:35-5:00	MOODLE, Regarding faring well in examination	Prof. Punit K. Johari Prof. Neha Bhardwaj	6,12	
2:30- 2:55	Career opportunities, GATE preparation	Prof. Sheo Kumar Prof. Namrata Agarwal	3	

IT IV Year

Time	Topic	Faculty	Point Number (Ref no. DA/MP/18/693)	Remarks
11:00-2:00	Assigning project based on industrial/ societal needs	Dr. Khushboo Agarwal (coordinator)	5,7,8,9,10,12	
2:55- 3:20	Introduction to OBE, CO PO feedback	Dr. Sanjiv Sharma Prof. Dheeraj S. Gurjar	1,4	
3:20-3:45	Importance of self - learning through SWAYAM	Prof. R. R. Makhwana	2	
3:45-4:10	MOODLE, Regarding faring well in examination	Prof. Punit K. Johari Prof. Neha Bhardwaj	6,12	
4:10-4:35	Career opportunities	Prof. Sheo Kumar Prof. Namrata Agarwal	3	

Department of CSE & IT
Orientation Program
Newly Admitted PG Students (2018-2019)
On Dated 16/08/2018 – IBM Lab
Attendance Sheet

S.No.	Name of the Student	Mobile No.	Email ID
1.	SHEFALI GOEL <small>GATE</small>	9144600243	shefaligoel35@gmail.com
2.	SHUBHANGI JADON	9425116605	ishujadon22@gmail.com
3.	AISHWARYA SHARMA	9039341460	Sharmaishwarya344@gmail.com
4.	OMKUMARI SONI	9827726967	rajani_it@yahoo.co.in
5.	SAMIKSHA KHULE	8989020090	samiksha.khule74@gmail.com
6.	PALLAVI SINGHAL	9074090525	SinghalPallavi308@gmail.com
7.	PRIYANKA SHARMA	9910561241	prityanka28099594@gmail.com
8.	SHIVANI	9027595539	SS0392163@gmail.com
9.	SHAHROKH KHAN <small>GATE</small>	7869577207	srkshahrokh07@gmail.com
10.	Ashutosh Badal	9755153647	ashubadal96@gmail.com



Department of Chemical Engineering

Ref.No. DA/MP/18/693 Dated 04/07/2018

Date- 09/07/2018

Schedule of Orientation for the II-IV Year students

Time	Topic	Faculty
10:30-11:00AM	An Introduction to OBE by OBE coordinators	Prof. Sumint Singh Trivedia
11:00AM-11:30AM	Importance of self-learning through SWAYAM	Prof. Swati Gupta
11:30 AM-12:00PM	Career Opportunities /how to prepare for GATE	Prof. Kulbhusan samal
12:00PM-12:30 PM	Importance of feedback on(CO,PO, faculty feedback, Curriculum) in accreditation and quality improvement	Prof. Anish P. Jacob
12:30PM-01:00PM	Importance of attending special classes for remedial purposes	Prof. Swapnil
02:00-02:30PM	Institute MOODLE and the activities on MOODLE	Prof. Anish P. Jacob
02:30PM-03:00PM	Efforts made by institute for students overall developments like student chapters, clubs etc.	Prof. Sumint Singh Trivedia
03:30PM-04:00PM	Importance of taking part in technical activities outside institute/submission of such documents to class coordinator	Dr. S.K. Pandey
04:00PM-04:30PM	Introduction to schemes/ Courses/Evaluation Process (II year students should be briefed about the flexible curriculum & various electives etc by a suitable faculty member	Prof. Swati Gupta
04:30-05:00PM	Assigning projects to Final year students based on Industrial/societal needs	Dr. Kanshapogu Suresh
05:00-05:30PM	Importance of internships	Prof. Bheemisetty Kartheek
05:30PM-06:00PM	Any other information which the department feels is required to be clarified to the students to avoid complications and issues later(Regarding attendance, mid-term tests, tips for faring well in examinations etc)	Dr. S. Prasad

Dr. S. Prasad
H.O.D

Chemical Engineering Department

Date-10/07/2018

Orientation Programme was organized on dated 10/07/2018 and 10 students were appeared in the first half in schedule.

Dr. S. Prasad
H.O.D

National Service Scheme Activities during Academic Year 2018-19

1. Plantation Programme :

National Service Scheme, MITS unit and CSE & IT department organised the plantation programme on **15/08/2018**. The volunteers of NSS unit, MITS planted the 50 sibling in the institute campus. NSS again organised the plantation programme with first year students during their orientation programme on **25/08/2018** and plant the 90 sibling.



2. Motivation Lecture on Eye Donation :

National Service Scheme, MITS and Bio Technology department organized a motivation Lecture on Eye Donation. Dr Manav Setiya, Jivan Jyoti Netralaya was deliver the expert talk on **22/09/2018** and 120 volunteers were participated.



3. Rally on Swachchhata Pakhawada :

National Service Scheme, MITS unit and Electronics Engineering Department organised a rally during “Swachchhata Pakhawada” for protest the use of polythene on **23/09/2018** from MITS to Moorar Chauraha and 287 students/volunteers of NSS unit MITS with programme officer were participated in this event.



4. NSS Day :

National Service unit MITS organized a cultural programme (Dance, Poetry, Music and Nukad Natak with social Messages) on NSS Day i.e. **24/09/2018** under National Service Scheme Unit. 318 volunteers were presented and participated.



5. One Day Camp :

National Service Scheme unit, MITS, Red Ribbon Club and MCA department were organized One Day Camp at “□□□□ □□□□□□ □□□□□□ □□□□□□ □□□□ □□□□□ □□□□□□□□, □□□□□, □□□□□□□□□□” on **29/09/2018**. 48 volunteers were participated.



6. Blood Donation Camp :

NSS unit and Red Ribbon Club, MITS organized the blood donation camp on occasion of the Punya-Tithi of Late His Highness Shrimant Madhav Rao Scindia (30th September 2018). 136 units were donated to Red Cross society.



7. Swachchhaya Bharat Abhiyan Rally :

National Service Scheme unit, MITS and Electrical Engineering department organized a rally on occasion of Gandhi Jayanti on Swachchhaya Bharat from MITS to 7 No Chauraha and take the “Swachchhata Shapath” with 244 students on **02/10/2018**.



8. Literacy cum Awareness Programme :

The N.S.S. unit is continuously running literacy cum awareness programme for the underprivileged children in the institute premises since year 2011. During the academic year 2018-19, Thirty Five NSS volunteers started to teach the underprivileged children from **16/08/2018** on regular basis (Monday to Friday) at 4:30 P.M. to 6:30 P.M.



9. Health Awareness and Check-up Camp :

National Service Scheme unit MITS and Civil Engineering Department organised the health check-up and health awareness camp on **07/10/2018**. Dr Shikha Kushwaha Dietician, BIMR hospital check the body mass index of students and deliver a lecture on health. 150 volunteers were participated.



10. Dental Camp :

National Service Scheme unit MITS, Red Ribbon Club and Mechanical Engineering Department organised the Dental check-up and health awareness camp on 27/10/2018. Dr Alok Purohit and his team check the dent and aware us. 150 volunteers were participated.



11. National Youth Day Rally :

NSS unit MITS participated in a rally on national youth day i.e. 12/01/2019 from Jiwaji university to Vivekananda Needam organized by NSS Jiwaji University. Sixteen volunteers with NSS Program Officer and Prof Amit Aherwar were participated.



12. National Youth Parliament :

NSS unit MITS participated in national youth parliament on 24/01/2019 at Madhav College Gwalior. Three volunteers were participated.



13. Traffic Awareness Programme :

NSS unit organized a seminar on “Traffic Awareness” Programme on 03/02/2019. Fifty Five students were participated in this event. This event organized by 2nd year students of Chemical Engineering under the supervision of Prof Swati Gupta and NSS Programm Officer.



14. Awareness Program on Engineering/Technical Education :

NSS unit organized one day camp for awareness program on engineering education at Shaskeeya High School, Jamaahar Gaon on 16/02/2019. In this programme volunteers aware them about procedure of admission in Engineering/ Technical education, career opportunities in this field, preparation for entrance exam like IIT-JEE etc. Twenty Eight students were participated in this event. This event organized by 2nd year students of Electronics Engineering under the supervision of Prof Pooja Sahu, Jagdish Agrawal, principal and NSS Programm Officer.



15. One Day Camp for Distribution of Stationary :

NSS unit and electronics department organized one day camp at Amar Jyoti School & Rehabilitation Centre, Near IT Park, Malanpur on 23/02/2019 for distributing of stationary, fruits etc. Forty one students and faculty members were participated in this event. This event organized by 2nd year students of Electronics Telecommunication Engineering under the supervision of Prof Pooja Sahu, Deepkisor Parsetia, Madhav Singh etc. and NSS Programm Officer.



16.Environmental Awareness Programme :

NSS unit organized a awareness program on environment on 24/02/2019. Thirty Five students were participated in this event. This event organized by 2nd year students of Civil Engineering under the supervision of Prof Deepak Rastogi and NSS Programm Officer.



17.Prerna Samvand at LNIP :

NSS unit MITS participated in “Prerna Samvand” on 25/02/2019 at LNLIP College Gwalior. Twenty Four students were participated in this event under the supervision of Prof Deep Kishor Parsetia and NSS Programm Officer.



18.Matdata Jagrukta :

NSS unit organized a Matdata jagrukta program on 27/02/2019 at student activity centre. Fifty Two students were participated in this event under the supervision of Prof Deep Kishor Parsetia and NSS Programm Officer.



19. Donation of Drawing Sheet :

NSS unit and CSE&IT department organized a donation of rough drawing sheet at aatmjyoti Avasiya Drashtiheen Kanya Vidhyalay on 02/03/2019. Fifty Two students were participated in this event under the supervision of Prof Khushboo Agrawal, Prof Jamvant Kumare and NSS Programm Officer.



20. Rally on AIDS Awareness :

NSS unit, Red Ribbon Club and Electronics Department organized a rally on AIDS awareness from MITS to Morar Chauraha and return back on 02/03/2019. 155 students were participated in this event under the supervision of Prof Pooja Sahu, Madhav Singh, Deep Kishor Parsetia and NSS Programm Officer.



21. Gender Equality on Mahila Diwas :

NSS unit, Red Ribbon Club and Mechanical engineering department a programme on gender equality on occasion of mahila diwas along with Family planning association of India on 08/03/2019 and 25 students were participated in this event.



22. Anti Tabacoo Seminar :

NSS, Red Ribbon Club, Mechanical and electronics department organized a programme on ‘Anti Tabacoo’ on 09/03/2019 and 120 students were present in this event under the supervision of Prof Amit Aherwar and Prof Pooja Sahu.



S.No.	Date	Activity	Activity Detail in Brief
Mechanical Engineering			
1	09/02/2019	Seminar on Women Empowerment	Mechanical 2nd year students were organised a one day seminar on “Women Empowerment” on 09/02/2019. This programme coordinated by Dr. Amit Aherwar and Prof. Bhupendra Pandey. the speaker of the event was Dr. Asha Mathur and total 125 students were participated.
2	27/10/2018	Dental Check-Up and Health Awareness Camp	Automobile 2nd year students were organized a one day extension programme on ‘Dental check-up and health awareness camp on 27/10/2018’. This programme coordinated by Dr. Amit Aherwar and Prof. Manish Kumar Sagar. This programme was conducted by the team of six doctors from Indian dental association. The awareness programme will take place in two parts: Firstly, Dr. Atul Purohit & Dr. Anshul Tiwari focuses on instilling in the minds of the students the importance of regular tooth brushing and dental examinations to prevent dental problems. They also discussed with the students in what to do in case of dental emergencies and the importance of regular dental check-ups to examine their oral condition. Afterwards, the Dieticians’ examine the student’s teeth turn by turn and discuss the remedies as well. Total 150 volunteers were participated.
Electrical Engineering			
1	29 th October 2017	SAY NO TO DRUGS & SHARE AND CARE	· The department has organized an event “SAY NO TO DRUGS & SHARE AND CARE” in Eye & Dental Camp under NSS.
2	2 nd October 2018	National Service Scheme	· The department has organized an Awareness program on “National Service Scheme” & Rally on “Swatch Bharat” under NSS.
3	30 th Sep. 2018	Blood Donation Camp	· Some faculty members & students of the department donated blood under NSS.
Electronics Engineering			

1	16/02/2019	Engineering Awareness Program	about admission process, fraud in education, engineering benefits, jobs etc for high school students.
2	23/09/2018	Rally	Rally on "Say No to Plastic", Awareness about Hazards produced in environment by use of Plastic, Banned Plastic items.
3	21/08/2018	Interaction Session	Students along with nss coordinator visited LNIPE for attending motivational speak on Election Process and Voter Befinits
4	21/01/2019	Blood Donation	Students of Electronics and Civil engineering branch along with faculty (Prof D. K. Parsediya) have Participated in the Blood donation camp at Madhav College, Gwalior. The camp was organized on the occasion of National Youth day 12 January 2019 (Swami Vivekanand Jayanti).
5	23/02/2019	Visit and Donation	Visited to AMAR JYOTI School and donate stationary and food to divyang students
CSE/IT			
1	15 Aug 2018	Tree Plantation	Approx. 100 trees were planted. Plantation was done in NCC yard, near Shiv temple, girl's hostel and garden in front of stationary.
Chemical Engineering			
1	30/09/2018	Blood Donation Camp	Blood Donation Camp organized by Chemical Second year students under NSS Scheme
2	03/02/2019	Expert Talk	Expert Talk on Traffic Awareness , organized by Chemical Second year students under NSS Scheme

LIST OF TRAINING/INTERNSHIP UNDERTAKEN BY STUDENTS

S.No.	Name of Student	Name of Industries/Organization where Students undertaken Training/Internship	Date	Duration
Civil Engineering				
1	Prachi Gupta	L & T, Delhi	Winter Vacation,2018-19	
2	Ankita Chouhan	PWD, Jabalpur, Western Central Railway, Jabalpur	Winter Vacation,2018-19	
3	Kunal Abhishek	CPWD Department, Patna	Winter Vacation,2018-19	
4	Karan Singh	PWD, Jabalpur, Western Central Railway, Jabalpur	Winter Vacation,2018-19	
5	Anjali Nayak	Irrigation Department, Chhaturpur	Winter Vacation,2018-19	
Mechanical Engineering				
1	Ayush Jain	CG Power and Industrial Solutions Limited	01/06/19 to 30/06/19	30 Days
2	Kartavya Sarware	Diesel Locoshed Itarasi	10/6/19 to 24/06/19	15 Days
3	Aadarsh Namdeo	CG Power and Industrial Solutions Limited	01/06/19 to 30/06/19	30 Days
4	Aastha Churasia	Godrej Consumer Products Ltd/	11/06/19 to 11/07/19	30 Days
5	Abhishek Damor	BHEL Bhopal	27/06/19 to 31/07/19	30 Days
6	Adarsh Ganveer	MOIL Limited	14/07/19 to 14/08/19	30 Days
7	Adarsh Kumar Kuiya	JK Tyre and Industries Ltd/	01/06/19 to 01/07/19	30 Days
8	Adarsh Shivhare	Jamna Auto Industries Ltd/	01/06/19 to 30/06/19	30 Days
9	Aditya Mishra	JK Tyre and Industries Ltd/	10/06/19 to 10/07/19	30 Days
10	Akash Sharma	Surya Roshni Ltd/ Malanpur	01/06/19 to 30/06/19	30 Days
11	Akhandata Majhi	Jamna Auto Industries Ltd/	01/06/19 to 30/06/19	30 Days
12	Amit Kumar Dwivedi	BHEL Bhopal	04/06/19 to 30/06/19	30 Days
13	Anand Kumar	NTPC Darlipali	01/07/19 to 23/07/19	30 Days
14	Aniket Shrivastava	Surya Roshni Ltd/ Malanpur	01/06/19 to 30/06/19	30 Days
15	Anirudh Dubey	BHEL Bhopal	04/06/19 to 30/06/19	30 Days
16	Ankit Ekka	Chattisgarh State Electricity Generation Company	11/06/19 to 09/07/19	30 Days
17	Ankit Sahu	BHEL Bhopal	13/06/19 to 10/07/19	30 Days
18	Ankit Singh Kaurav	Gandhisagar Hydropower Station	01/06/19 to 30/06/19	30 Days
19	Anoop Pathak	Jamna Auto Industries Ltd/	01/01/19 to 31/01/19	30 Days

20	Ashi Gupta	BHEL Jhansi	17/06/19 to 13/07/19	30 Days
21	Atul Kumar	Jamna Auto Industries Ltd/	01/01/19 to 31/01/19	30 Days
22	Bhaskar Bhattacharjee	BHEL Bhopal	13/06/19 to 10/07/19	30 Days
23	Dipanshu Gupta	MP Power Generating Company	26/05/19 to 24/06/19	30 Days
24	Ekansh Chauhan	Q H Talbros Pvt/ Ltd/	06/06/19 to 05/07/19	30 Days
25	Garima Gautam	JK Tyre and Industries Ltd/	01/06/19 to 01/07/19	30 Days
26	Girraj Singh Mahor	Surya Roshni Ltd/ Malanpur	01/06/19 to 30/06/19	30 Days
27	Harshit Raj	Force Motors	17/07/19 to 16/08/19	30 Days
28	Harshit Rajput	Continental Engines Limited	01/05/19 to 30/05/19	30 Days
29	Himansh Nigam	Birla Cable Limited	01/06/19 to 30/06/19	30 Days
30	Himanshu Ghormare	MOIL Limited	13/06/19 to 12/07/19	30 Days
31	Himanshu Indurkar	L&T Heavy Engineering	10/06/19 to 10/08/19	30 Days
32	Himanshu Patel	Jamna Auto Industries Ltd	01/05/19 to 30/05/19	30 Days
33	Himanshu Trivedi	MP Power Generating Company	05/06/19 to 02/07/19	30 Days
34	Jitendra Jamoriya	TATA Motors Gwalior	01/06/19 to 30/06/19	30 Days
35	Kailash Hatila	TATA Motors Gwalior	01/06/19 to 30/06/19	30 Days
36	Manish Shakya	Surya Roshni Ltd/ Malanpur	01/06/19 to 30/06/19	30 Days
37	Lokendra Uchariya	TATA Motors Gwalior	01/06/19 to 30/06/19	30 Days
38	Manu Sharma	Caparo Engineering India Limited	01/06/19 to 29/06/19	30 Days
39	Mohd Kazim	Ladakh Autonomous Hill Development Council, Kargil	03/07/19 to 22/08/19	30 Days
40	Nikita Patel	Diesel Locoshed Gwalior	10/06/19 to 09/07/19	30 Days
41	Nishant Baish	Surya Roshni Ltd/ Malanpur	24/06/19 to 23/07/19	30 Days
42	Nitesh Kumar Suchari	BHEL Bhopal	04/07/19 to 31/07/19	30 Days
43	Nitin Tantuway	BHEL Bhopal	27/06/19 to 31/07/19	30 Days
44	Parul Agrawal	BHEL Jhansi	29/05/18 to 26/06/18	30 Days
45	Prachi Singh	Prayagraj Power Generation Company Ltd/	04/06/19 to 03/07/19	30 Days
46	Prachi Soni	NTPC Vindhyachal	01/06/19 to 30/06/19	30 Days
47	Pradeep Nagoriya	TATA Motors Gwalior	01/06/19 to 30/06/19	30 Days
48	Pradyumn Ratnaparkhi	Volvo Eicher Vehicles	03/06/19 to 02/07/19	30 Days
49	Pranjul Dubey	JK Tyre and Industries Ltd/	01/06/19 to 01/07/19	30 Days
50	Pratibha Kuraria	West Central Railway Jabalpur	12/06/19 to 12/07/19	30 Days
51	Pushpendra Kushwaha	Continental Engines Limited	01/05/19 to 30/05/19	30 Days

52	Pushpendra Singh	BHEL Bhopal	20/06/19 to 14/08/19	30 Days
53	Radhika Agrawal	Jamna Auto Industries Ltd/	01/06/19 to 30/06/19	30 Days
54	Rajneesh Kumar Patel	Jamna Auto Industries Ltd/	01/06/19 to 15/07/19	30 Days
55	Saket Kurmi	Western Railway	29/05/18 to 28/06/18	30 Days
56	Sandeep Singram	MP Power Generating Company	17/06/19 to 16/07/19	30 Days
57	Sanjay Singh	MP Power Generating Company	17/06/19 to 16/07/19	30 Days
58	Santosh Jadon	BHEL Bhopal	03/06/19 to 29/06/19	30 Days
59	Saurabh Joshi	Kalisindh Thermal Power Project	17/06/19 to 15/07/19	30 Days
60	Sharad Shukla	JK Tyre and Industries Ltd/	01/06/19 to 01/07/19	30 Days
61	Shivam Pandey	Bharat Oman Refineries Ltd/	30/05/19 to 13/06/19	30 Days
62	Shivani Patel	Central Railway Loco Workshop	03/06/19 to 29/06/19	30 Days
63	Sumit Gupta	Jamna Auto Industries Ltd/	01/06/19 to 30/06/19	30 Days
64	Sumit Upadhyaya	Jamna Auto Industries Ltd/	01/06/19 to 30/06/19	30 Days
65	Suraj Gupta	HAL Nasik	01/06/19 to 28/06/19	30 Days
66	Swastik Kumar Singh	Jamna Auto Industries Ltd/	10/06/19 to 10/07/19	30 Days
67	Tanya Saxena	JK Tyre and Industries Ltd/	01/06/19 to 01/07/19	30 Days
68	Varnika Saxena	SRF Limited	15/06/19 to 15/07/19	30 Days
69	Vinay Raikwar	Diesel Locomotive Works, Varanasi	06/06/18 to 03/07/18	30 Days
70	Amit Kumar Shukla	BHEL Jhansi	13/06/19 to 10/07/19	30 Days
71	Anshul Lakhera	Jamna Auto Industries Ltd/	01/06/19 to 15/07/19	30 Days
72	Bharat Lal Ahirwar	Aditya Birla Grasim	10/06/19 to 10/07/19	30 Days
73	Harshit Pandey	NMDC Limited	04/06/19 to 03/07/19	30 Days
74	Harshit Sahu	BHEL Jhansi	11/06/19 to 08/07/19	30 Days
75	Prakash Kushwah	BHEL Jhansi	11/06/19 to 08/07/19	30 Days
76	Prakhar Upadhyay	CIPET Gwalior	17/06/19 to 13/07/19	30 Days
77	Rajesh Palashiya	Aditya Birla Grasim	10/06/19 to 10/07/19	30 Days
78	Saurabh Kumar Kaim	Aditya Birla Grasim	10/06/19 to 10/07/19	30 Days
79	Sourabh Dhepte	Aditya Birla Grasim	10/06/19 to 10/07/19	30 Days
80	Vijay Kumar Singh	CIPET Gwalior	17/06/19 to 13/07/19	30 Days
Electrical Engineering				
1	Mahendra Singh Sisodiya	MITS Gwalior	28 May – 14 June, 2018	18 Days
2	Shalu Singh	MITS Gwalior	28 May – 14 June, 2018	18 Days

3	Aman Saxena	MITS Gwalior	28 May – 14 June, 2018	18 Days
4	Himanshu Kumar Singh	MITS Gwalior	10 Dec 2017 - 10 Jan 2018	1 Month
Electronics Engineering				
1	Aditya Pratap	Internship at Singrauli District Collectorate and NITI Aayog, Singrauli Organized by - International Journal of Scientific and Engineering Research (IJSER)	1/06/18-19/07/18	45 Days
2	Mahima shakya	training at PRASAR BHARATI, Gwalior	18/06/18-02/07/18	15 Days
3	Ritik Singh Rathore	1. Open C v programming Organized by- Online 2. Telecom Training Organized by - BSNL Gwalior	23/02/19 - 24/02/19 16/01/19	2 Days 1 Day
4	Apurv Singh Chouhan	1. Internship Organized by - Aditya Birla Group of Industries (Grasim), Nagda 2. Internship of Graphic Designing Organized by - Snapstore, Mumbai	27/06/2018- 11/07/ 2018 12/06/2018-12/07/2018	21 Days 30 Days
5	Shivani Ojha	Training, by - Prasar Bharati, Gwalior	18/06/18 - 2/07/18	15 Days
6	Shubham yadav	1. 6 week training (Web Development) by – Internshala 2. 6 week training (Python Programming) by - Internshala	01/06/18-15/07/18. 15/06/18 - 30/07/18	45 Days 45 Days
7	Shradha bhadoria	Summer internship on designing with FPGA - by Core-el Technologies, Gwalior	15/06/18 - 15/07/18	30 Days
8	Srishti Sharma	Training by- North Indian Railways, Gwalior	29/08/2018- 22/09/2018	21 Days
9	Vanshika Gupta	Training by- North Indian Railways, Gwalior	04/06/18-30/06/18	21 Days
10	Aditya Pathak	Project on SMBS by – Jio Digital, Gwalior regional office	01/06/18 – 01/07/18	30 Days
11	Niyati Chourasia	Training by - Ordnance Factory, Katni	14/06/18- 30/06/18	15 Days
12	Abhimanyu Kumar	Python Training by – Udemy, Online	05/11/18 - 05/12/18	30 Days
13	Abhishek Singh Rajput	Internship by - Delhi Metro Rail Corporation, New Delhi	19/06/18 - 10/08/18	45 Days
14	Tanvi Agrawal	Internship by - IIT Kanpur, Kanpur	28/05/18 - 15/07/18	45 Days
15	Rahul Sharma	Internship by - HCL Technologies LTD, Noida	27/06/18 - 27/07/18	30 Days
16	Ayush Bansal	Internship by- BHEL Bhopal	05/07/18 - 01/08/18	28 Days
17	Jayendra Joshi	Internship by- BHEL Bhopal	18/06/18 - 14/07/18	28 Days
18	Ankit Dubey	Internship by- BHEL Bhopal	05/07/18 - 01/08/18	28 Days
19	Ambrish Kumar Mishra	Internship by- Appin Technology Lab, Bhopal	01/06/18 - 15/07/18	45 Days
20	Yash Shrivastava	Internship by- Surya Roshni Pvt. Ltd., Malanpur	01/06/18 - 01/07/18	30 Days

21	Aditya Sharma	Internship by- Surya Roshni Pvt. Ltd., Malanpur	01/06/18 - 01/07/18	30 Days
22	Deepali Sharma	Internship by - West Central Railway, Kota ,Rajasthan	07/07/18 - 06/08/18	30 Days
23	Vivek Kumar Rajak	Internship by - N. M. D. C Ltd., Panna	04/07/18 - 05/08/18	30 Days
24	Gagan Kushwah	Internship by - Indian Railway, Gwalior	15/06/18 - 13/07/18	30 Days
25	Rajendra Patel	Internship by - N. M. D. C Ltd., Panna	04/07/18 - 05/08/18	30 Days
26	Shree Krishna Sharma	Internship by - N. M. D. C Ltd., Panna	04/07/18 - 05/08/18	30 Days
27	Sundram Gupta	Internship by - Tanushka Hero, Gwalior	14/06/18 - 30/07/18	45 Days
28	Uphar Saxena	Internship by - Indian Railways NCR, Gwalior	15/06/18 - 13/07/18	28 Days
29	Yasho Vijay Singh Yadav	Internship by – IISER, Bhopal	16/01/19-25/01/19	10 Days
30	Yasho Vijay Singh Yadav	Internship by – MIT Mandsaur	30/01/19-06/02/19	7 Days
31	Tanvi Ali	Internship by - Prasar Bharti India	12/06/18 - 06/07/18	25 Days
32	Sudhir Singh	Internship by- Mandhikheda Hydel Power Station, Shivpuri	05/06/18-04/07/18	30 Days
33	Utkarsh Shrivastava	Internship by- Stories of Communication, Online	16/10/18 – 01/12/18	45 Days
34	Utkarsh Shrivastava	Internship by- Image Creative Education, Online	10/01/19- 10/02/19	30 Days

CSE/IT

1	Avi Kashik	HCL	31 Dec 2018	8 weeks
2	Sejal Chauhan	Numeric	20 July 2018	7 weeks
3	Atharva Sharma	CSIR-CDRI		
4	Pankaj Rajput	Internshala	16 July 2018	6 weeks
5	Shivani Arya	Emotech Software Solution		6 weeks
6	Deepali Parochey	Emotech Software Solution		6 weeks
7	Manish Arya	Emotech Software Solution	7 July 2018	3 weeks
8	Arvind Parihar	Emotech Software Solution	7 July 2018	3 weeks
9	Surendra Chokotiya	Emotech Software Solution	7 July 2018	3 weeks
10	Lata Jatav	Emotech Software Solution	7 July 2018	3 weeks

Chemical Engineering

1	Ayushi Singh	NFL, Vijaipur	11/06/2018-10/07/2018	1 Month
2	Abhishek Awasthi	ONGC, Gujrat	04/06/2018-04/07/2018	1 Month
3	Aman K. Singh	Maihar Cement	1/06/2018-1/07/2018	1 Month
4	Apeksha Sharma	IIT Hyderabad and Reliance Refinery	01/06/2018-30/06/2018 & 07/07/2018-27/07/2018	30 Days and 21 Days
5	Ayushi Purohit	NFL, Vijaipur	01/06/2018-30/06/2018	30 Days

6	Dharmendra Samer	JK Cement	03/05/2018-03/06/2018	1 Month
7	Himanshu Jain	NFL, Vijaipur	01/06/2018-30/06/2018	30 Days
8	Iftekharul Hasan	TATA Steel	30/05/2018-10/06/2018	11 Days
9	Kapil Sharma	Mondelez India, Cadbury , Malanpur	25/06/2018-24/07/2018	1 Month
10	Kareena Sirolia	JK Cement , Rajasthan	10/06/2018-10/07/2018	1 Month
11	Lucky Thakur	Heldelberg Cement, Damoh	20/05/2018-05/07/2018	1.5 Month
12	Milan K. Shrivastava	NFL, Vijaipur	13/06/2018-12/07/2018	1 Month
13	Mohit Mishra	NFL, Vijaipur	13/06/2018-12/07/2018	1 Month
14	Nitin Sharma	NFL, Vijaipur	13/06/2018-12/07/2018	1 Month
15	Parnika Shrivastava	NFL, Vijaipur	11/06/2018- 10/07/2018	1 Month
16	Pooja	NTPC, Vindhyanchal	15/06/2018-30/06/2018	15 Days
17	Prem Sagar	GFCL, Gujrat	25/05/2018-24/06/2018	1 Month
18	Radhika Paliwal	NFL, Vijaipur	11/06/2018-10/07/2018	1 Month
19	Rahul Sahu	NFL, Vijaipur	01/06/2018-30/06/2018	30 Days
20	Rishabh Sharma	JK Cement, Rajasthan	10/06/2018-10/07/2018	1 Month
21	Rohit Bharti	IOCL Panipat	04/06/2018-28/06/2018	25 Days
22	Rohit Singh Rajput	Cadbury , Malanpur	14/06/2018-14/07/2018	1 Month
23	Saras Ajay Shrivastava	IIT, hyderabad & BORL	15/06/18–15/07/18 & 1/06/18 - 15/06/18	1 Month and 15 Days
24	Shailendra Yadav	JK Cement, Rajasthan	03/05/18–03/06/18	1 Month
25	Shailendra Awasthi	IIT, BHU	11/06/18–16/07/18	35 Days
26	ShashankBundela	JK Cement, Rajasthan	10/06/18–10/07/18	1 Month
27	Shivam Kaurav	Teva	06/06/18–06/07/18	1 Month
28	Shivam Chouhan	JK Cement, Rajasthan	03/05/18–03/06/18	1 Month
29	Shreya C Saxena	RCF, Mubai	15/06/18–15/07/18	1 Month
30	Shubham Mittal	Teva	06/06/18–06/07/18	1 Month
31	Shubham Ranjan	Godrej Consumer, Malanpur	16/07/18–31/07/18	15 Days
32	Soniya Markam	Montage Enterprises Pvt. Ltd	20/06/18–19/07/18	1 Month
33	Tirthraj Phatey	NFL, Vijaipur	12/06/18–12/07/18	1 Month
34	Utkarsh Bhardwaj	NFL, Vijaipur	03/07/18–02/08/18	1 Month
35	Uttama Hande	NFL, Vijaipur	11/06/18–10/07/18	1 Month
36	Vibhor Arora	Rashriya Chemicals& Fertilizers	15/06/18–15/07/18	1 Month

37	Vivek Singh	IOCL, Vadodara		
38	Yash Dubey	BORL	15/05/17–05/06/17	20 Days
39	Deepanshu Shrivastava	GFCL, Gujarat	25/05/18–24/06/18	1 Month
40	Manoj Singh	GFCL, Gujarat	25/05/18–24/06/18	1 Month
41	Sajal Patil	Shriram Institute for Industrial Research, Delhi	01/07/18–30/07/18	30 Days
42	Shahid Mansoori	NFL, Vijaipur	01/06/18–30/06/18	30 Days
43	Vikash Mittal	Shriram Institute for Industrial Research, Delhi	01/07/18–30/07/18	30 Days
44	Abhishek Prajapati	Jaypee Paint, Maharajura	01/06/18–30/06/18	30 Days
45	Aditya Rao	JK Tyre, Morena	01/06/18–10/07/18	40 Days
46	Atul Kushre	Hindustan Copper Limited	14/06/18–13/07/18	1 Month
47	Lekhan S Marko	Montagee Pvt. Ltd, Malanpur	20/06/18–19/07/18	1 Month
48	Prateek K Jain	Heidelberg cement, Damoh	06/06/18–05/07/18	1 Month
49	Vivek Singh	IOCL Gujrat Refinery	30/05/2018-6/07/2018	1 Month 7 Days
50	Akhil Shukla	Maihar Cement	04/06/2018-23/06/2018	20 Days
51	Sagar Soni	CK Birla Group Orient Paper	01/06/2018-30/06/2018	30 Days

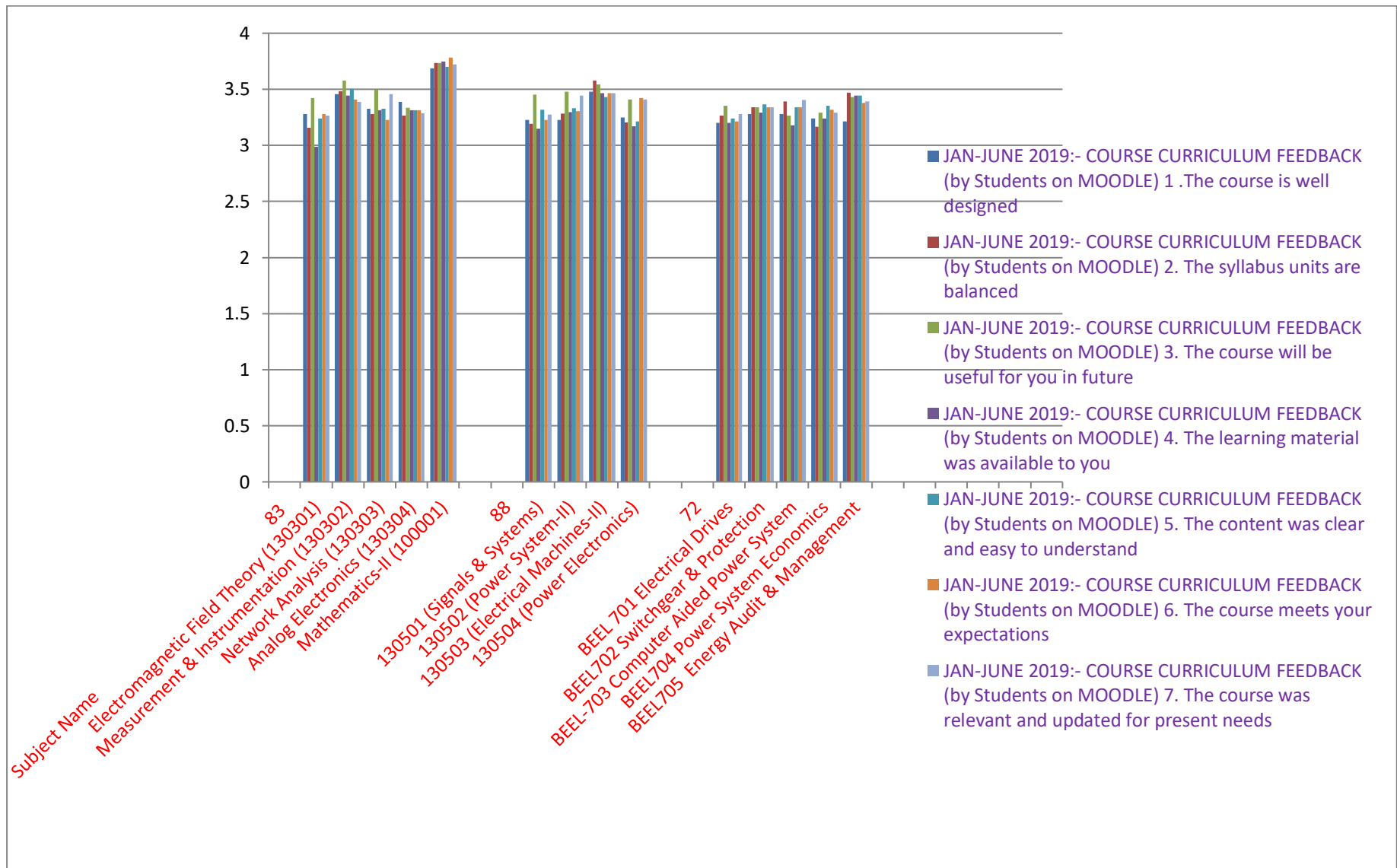
Architecture

1	Bikash Rai	Building Space and Design, Tadong, Gangtok, E. Sikkim	February, 2019- May, 2019	04 Month
2	Aashi Gupta	Architect Rushikesh H. Mumbai	February, 2019- May, 2019	04 Month
3	Adrash Diwan	Nelesh Desai, Pune	Jan, 2019 to May, 2019	05 Month
4	Akanksha Gupta	Finger6, Hydrabad	February, 2019- May, 2019	04 Month
5	Akrati Sharma	A.K.S. Consultants (INDIA) Pvt. Ltd., Indore	Jan, 2019 to May, 2019	05 Month
6	Anjeela Bhutia	Dutta & khanna architects, Pvt. Ltd.	February, 2019- May, 2019	04 Month
7	Ankita Panchratna	9 Squares architects Pvt. Ltd., Indore	February, 2019- May, 2019	04 Month
8	Anuradha Rathore	Abhikalp Consultant Pvt. Ltd, Gwalior	Dec,2018-May, 2019	05 Month
9	Ayushi Chaturvedi	Synergy Property Developments Pvt. Ltd., Bangalore	Jan, 2019 to May, 2019	05 Month
10	Ayushi Kesharwani	Design Unit, Jabalpur	Dec,2018-May, 2019	05 Month
11	Ayushi Tiwari	Design Unit, Jabalpur	Dec,2018-May, 2019	05 Month
12	Bheem Singh	Shailendra Sharma Associates, Bhopal	Dec,2018-May, 2019	05 Month
13	Chitranshi Neekhra	Acme, Bangalore	February, 2019- May, 2019	04 Month
14	Deepankshi Verma	PCA, Prem Choudhery & Associates Pvt. Ltd., New Delhi	February, 2019- May, 2019	04 Month
15	Gargee	SEP Architects, Hyderabad	February, 2019- May, 2019	04 Month
16	Gargi Arora	Unitecture Design Solution, Pune	Dec,2018-May, 2019	05 Month

17	Harsha Arya	Arcaids Architectural Consultant Pvt. Ltd., Pune	Jan, 2019 to May, 2019	05 Month
18	Jenwin Baby	Kilikar Architecturals Kochi	Dec,2018-May, 2019	05 Month
19	Kavita Gupta	ADS, Architectural Design Studio, Pune	Jan, 2019 to May, 2019	05 Month
20	Krati Sharma	Architect Rushikesh H. Mumbai	February, 2019- May, 2019	4 Month
21	Kriti Khetrapal	FHD Consultant Pvt. Ltd., Hyderabad	February, 2019- May, 2019	4 Month
22	Nupur Mishra	VJ Architects Pvt. Ltd. Jaipur	Nov, 2018 – March, 2019	05 Month
23	Palak Agrawal	Span Architects, Indore	Jan, 2019 to May, 2019	05 Month
24	Prateek Ahirwar	Indian Railways Station Development Corporation Ltd.	Jan, 2019 to May, 2019	05 Month
25	Raghendra Kushwah	Architecture Design Group, Bhopal.	Dec,2018-May, 2019	05 Month
26	Rasika Deo	SEP Architects, Hyderabad	Jan, 2019 to May, 2019	05 Month
27	Saloni Jain	FHD Consultant Pvt. Ltd., Hyderabad	February, 2019- May, 2019	4 Month
28	Sandeep Motwani	Design Unit, Jabalpur	Jan, 2019 to April, 2019	04 Month
29	Sandhya Shakya	AMR design Group, Gwalior	Jan, 2019 to May, 2019	05 Month
30	Satkirti Sharma	Space Architect, Gwalior	Jan, 2019 to April, 2019	04 Month
31	Selvee Pandoriya	Freedom of Design, Bangalore	February, 2019- May, 2019	4 Month
32	Shahnawaz Khan	A.K.S. Consultants (INDIA) Pvt. Ltd., Indore	Jan, 2019 to May, 2019	05 Month
33	Shalini Soni	Design Home, Bhopal	Jan, 2019 to May, 2019	05 Month
34	Shashank	Studio ardete, Chandigarh	Jan, 2019 to May, 2019	05 Month
35	Shashi Kant Bharti	PPA, Prashant Pradhan Architect, Gangtok	Jan, 2019 to May, 2019	05 Month
36	Sumit Harit	Lokesh Tiwari Architects Pvt. Ltd, Indore	Jan, 2019 to May, 2019	05 Month
37	Sunil Thapak	SKY Architects, Indore	February, 2019- May, 2019	4 Month
38	Surjit Gautam	SKY Architects, Indore	February, 2019- May, 2019	4 Month
39	Vasuk Chourasiya	Gupta`s Associated Architects, Indore	Jan, 2019 to May, 2019	05 Month
40	Yogi Mourya	Architect Lalwani, Indore	February, 2019- May, 2019	4 Month

JAN-JUNE 2019:- COURSE CURRICULUM FEEDBACK (by Students on MOODLE)

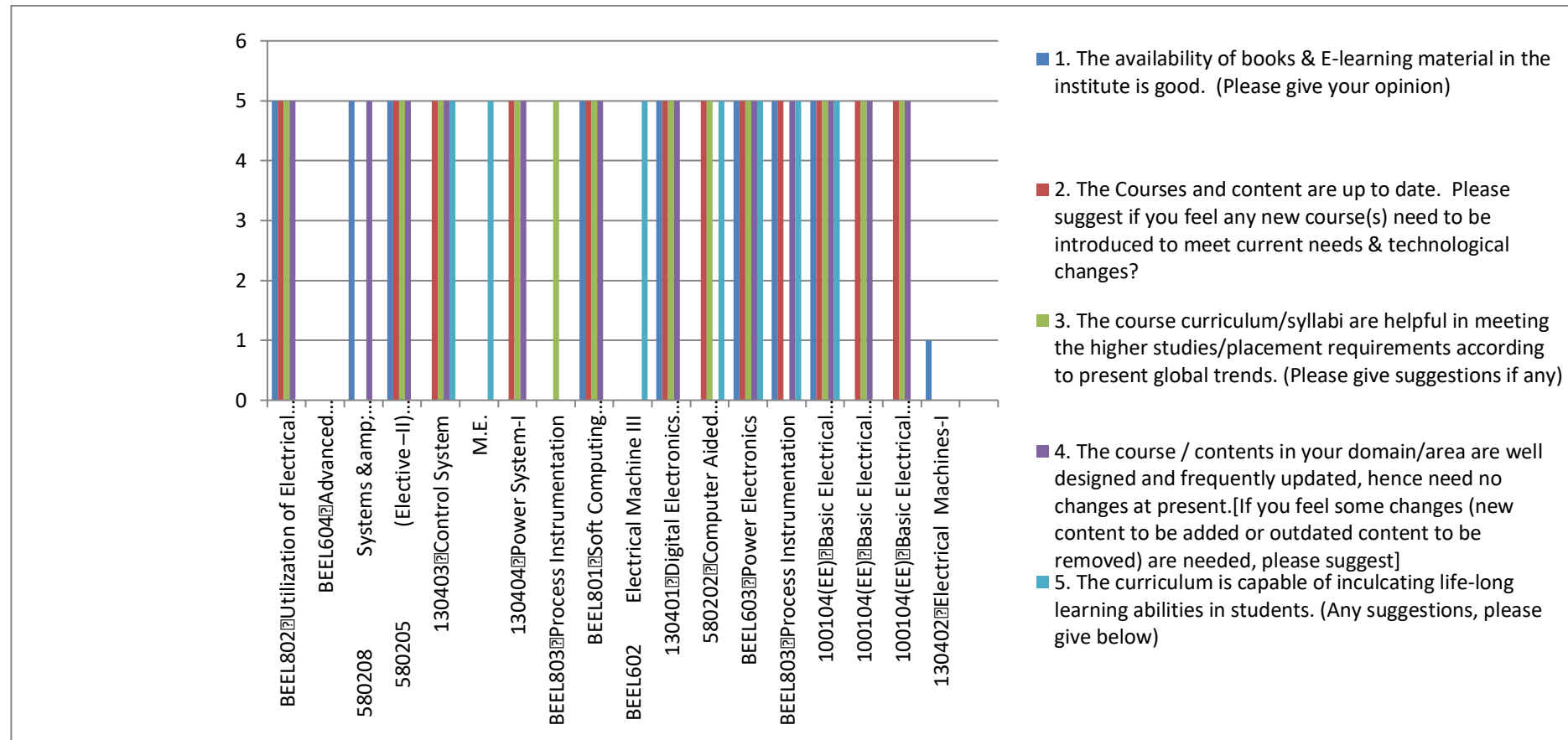
Parameter(Average Grading)	1 .The course is well designed	2. The syllabus units are balanced	3. The course will be useful for you in future	4. The learning material was available to you	5. The content was clear and easy to understand	6. The course meets your expectations	7. The course was relevant and updated for present needs
Subject Name 83							
Electromagnetic Field Theory (130301)	3.277108434	3.156626506	3.421686747	2.987951807	3.240963855	3.277108434	3.265060241
Measurement & Instrumentation (130302)	3.457831325	3.481927711	3.578313253	3.445783133	3.506024096	3.409638554	3.385542169
Network Analysis (130303)	3.325301205	3.277108434	3.493975904	3.313253012	3.325301205	3.228915663	3.457831325
Analog Electronics (130304)	3.385542169	3.265060241	3.337349398	3.313253012	3.313253012	3.313253012	3.289156627
Mathematics-II (100001)	3.686746988	3.734939759	3.734939759	3.746987952	3.698795181	3.78313253	3.722891566
88							
130501 (Signals & Systems)	3.227272727	3.193181818	3.454545455	3.147727273	3.318181818	3.227272727	3.272727273
130502 (Power System-II)	3.227272727	3.284090909	3.477272727	3.295454545	3.329545455	3.306818182	3.443181818
130503 (Electrical Machines-II)	3.477272727	3.579545455	3.545454545	3.465909091	3.431818182	3.465909091	3.465909091
130504 (Power Electronics)	3.25	3.204545455	3.409090909	3.170454545	3.215909091	3.420454545	3.409090909
72							
BEEL 701 Electrical Drives	3.202531646	3.265822785	3.35443038	3.202531646	3.240506329	3.215189873	3.278481013
BEEL702 Switchgear & Protection	3.278481013	3.341772152	3.341772152	3.291139241	3.367088608	3.341772152	3.341772152
BEEL-703 Computer Aided Power System	3.278481013	3.392405063	3.265822785	3.17721519	3.341772152	3.341772152	3.405063291
BEEL704 Power System Economics	3.240506329	3.164556962	3.291139241	3.240506329	3.35443038	3.316455696	3.291139241
BEEL705 Energy Audit & Management	3.215189873	3.46835443	3.430379747	3.443037975	3.443037975	3.379746835	3.392405063



JAN-JUNE 2019:- TEACHERS COURSE CURRICULUM FEEDBACK (by Students on MOODLE)

Response number	Select your course	1. The availability of books & E-learning material in the institute is good. (Please give your opinion)	2. The Courses and content are up to date. Please suggest if you feel any new course(s) need to be introduced to meet current needs & technological changes?	3. The course curriculum/syllabi are helpful in meeting the higher studies/placement requirements according to present global trends. (Please give suggestions if any)	4. The course / contents in your domain/area are well designed and frequently updated, hence need no changes at present.[If you feel some changes (new content to be added or outdated content to be removed) are needed, please suggest]	5. The curriculum is capable of inculcating life-long learning abilities in students. (Any suggestions, please give below)
1	BEEL802 Utilization of Electrical Energy	5	5	5	5	4
2	BEEL604 Advanced Microprocessor and Interfacing	4	2	3	2	3
3	580208 Systems & Drives Lab-II	5	4	4	5	4
4	580205 (Elective -II) Restructured Power System*	5	5	5	5	5
5	130403 Control System	3	5	5	5	5
6	M.E.	4	4	4	4	4
7	130404 Power System-I	4	5	5	5	4
8	BEEL803 Process Instrumentation	4	4	5	4	4
9	BEEL801 Soft Computing Techniques	5	5	5	5	5
10	BEEL602 Electrical Machine III	3	4	4	4	4
11	130401 Digital Electronics & Microprocessor	5	5	5	5	5
12	580202 Computer Aided Protection	4	5	5	4	5
13	BEEL603 Power Electronics	5	5	5	5	5

14	BEEL803 Process Instrumentation	5	5	4	5	5
15	100104(EE) Basic Electrical & Electronics Engg.	5	5	5	5	4
16	100104(EE) Basic Electrical & Electronics Engg.	3	5	5	5	4
17	100104(EE) Basic Electrical & Electronics Engg.	4	5	5	5	4
18	130402 Electrical Machines-I	1	2	2	2	3



Employer Satisfaction Survey Report**Sample Size : 29**

Employer feedback is collected on a routine basis, whenever company executives come for recruitment and also after the campus placement process is over.

The following feedback was received from the 29 companies listed below on the performance of our students a few years after joining their organization.

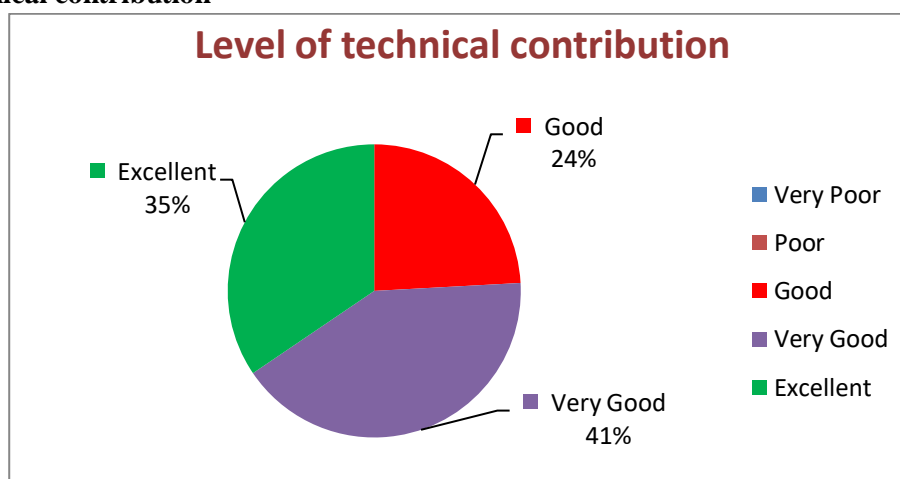
S.No.	Name of your Organization	Your Name (Employer Name or Current Boss Name)	Name of MITS Student working under you or in your Organization?
1	MPMKVVCL BHOPAL	Vishal Upadhyay	Rohit Raghuwanshi
2	The Indian Hume Pipe Co. Ltd.	A B JOSHI	35 are working with us.
3	Jamna Auto Industries Limited	Guncha Gulati	Monali Tomar, Harish Shribhas , Suraj Vajpayee
4	Grasim Industries limited Unit-Indian Rayon	Sachin Inamdar	Sachin Sahu
5	Lovely Professional University	R K Sharma	Tushar Tyagi
6	Quikr	Arpan Mukherjee	Nicholas Gabriel
7	Britannia Industries Limited	Pratiksha Jain	Gaurav Saraf
8	HCIL, gurgaon	Hughes	Null
9	Schneider Electric Infrastructure Ltd	Goutam DASGUPTA	Deepa JOSHI
10	Department of Revenue, MP	Pradeep Kumar Singh	Shiv Kumar Marko
11	Delhi International Airport Ltd	Vimarsh Kaul	
12	GPC sheopur	Dte	Gaurav
13	Persistent Systems Ltd.	Vimal Prakash	Antima Dahel
14	VEM Technologies	Narendra Reddy	NA
15	PERSISTENT SYSTEMS PRIVATE LIMITED	Manoj dhanorkar	Shivam tomar
16	samrat ashok technological institute vidisha M.P.	anamika Kushwah	none
17	Zensar Technologies Pvt. Ltd.	Geet Kumar Shrivastava	No one
18	Gartner	Gaurav Gupta	Nimisha Agrawal
19	MPWRD	sandeep soni	nandini tiwari , mrigendra dubey, harshalata sutrakar
20	Xavient Digital Powered by Telus International	Kushal Raizada	Ajay Kumar Gupta (2013 Passout)
21	MP Rural Road Development Authority	Yashpal joshi General manager	Mahendra muvel
22	Accenture	Prashank Raj	None
23	DILIP BUILDCON LIMITED BHOPAL	AYUSH TIWARI	KAUSHLESH DANGI
24	BORL	Ankur Arora	Ayush Gupta, Shivaji Sharma, Tushar Maheshwari
25	Madhya Pradesh Rural Engineering Services	P.C. Mukati	Saurabh Jain
26	Food Corporation of India	Shailesh Tondwalkar	Bibin Thomas
27	SPU Balaghat	JITENDRA KUMAR	JITENDRA KUMAR
28	Wipro Technologies	Alok Mishra	Jaikrishna Shukla
29	Infosys Ltd.	Annu Arpita	several

Computation of Employer Satisfaction Index (Sample Size: 29)

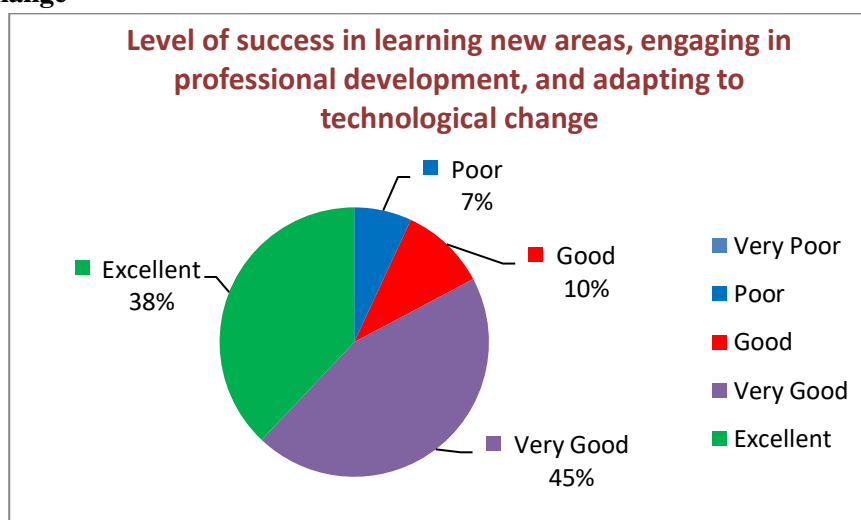
	Very Poor	Poor	Good	Very Good	Excellent	Employer Satisfaction Index (Out of 5)
Level of technical contribution	0	0	7	12	10	4.10
Level of success in learning new areas, engaging in professional development, and adapting to technological change	0	2	3	13	11	4.14
Have they been deserved for elevation to higher level ?	0	1	3	14	11	4.21
Level of ethical and social responsibility	1	0	4	11	13	4.21
Demonstrated ability to work well on a team	1	0	2	11	15	4.34

Feedback on accomplishments of graduates from MITS Gwalior, (focusing on their few years performance after graduation) on the following points :

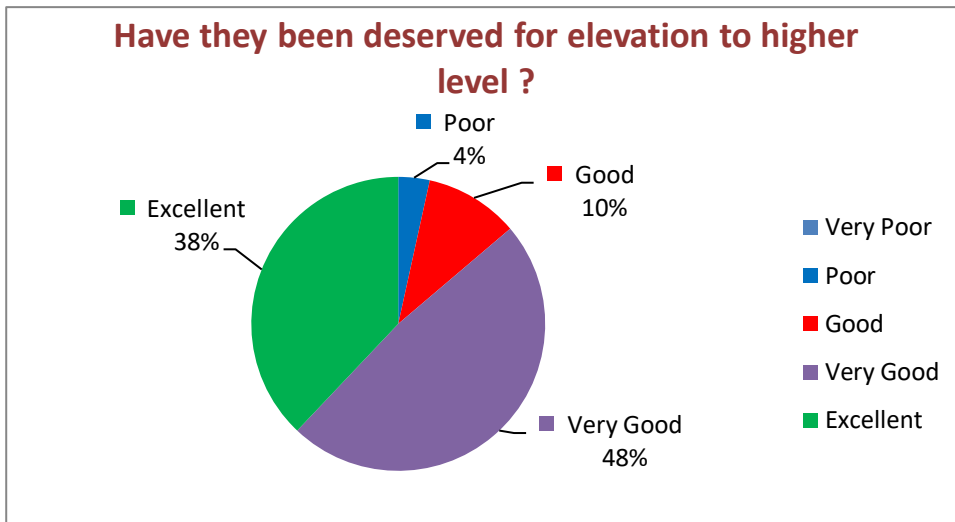
1. Level of technical contribution



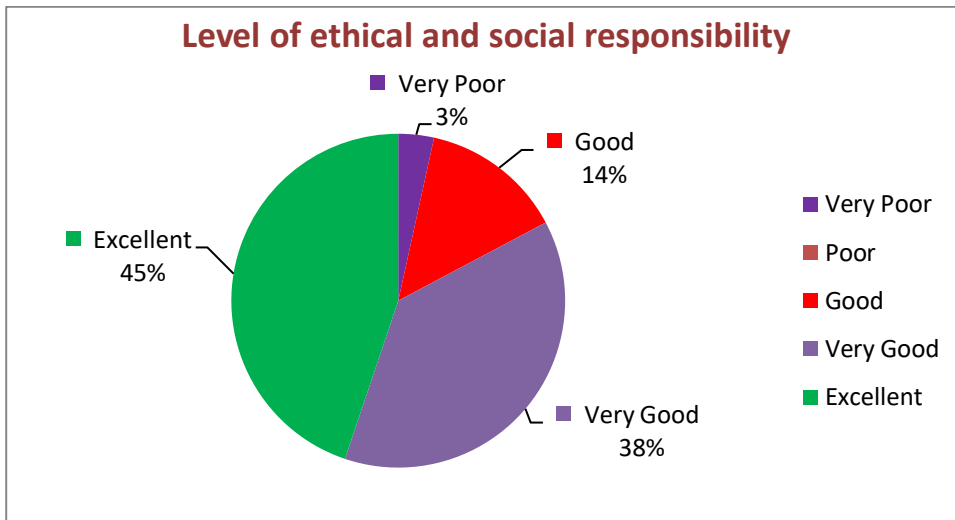
2. Level of success in learning new areas, engaging in professional development, and adapting to technological change



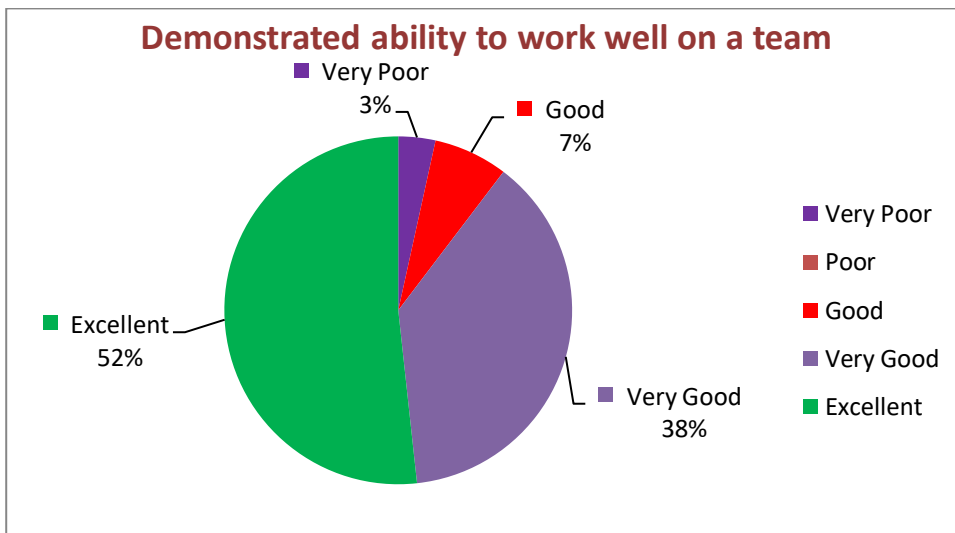
3. Have they been deserved for elevation to higher level ?



4. Level of ethical and social responsibility

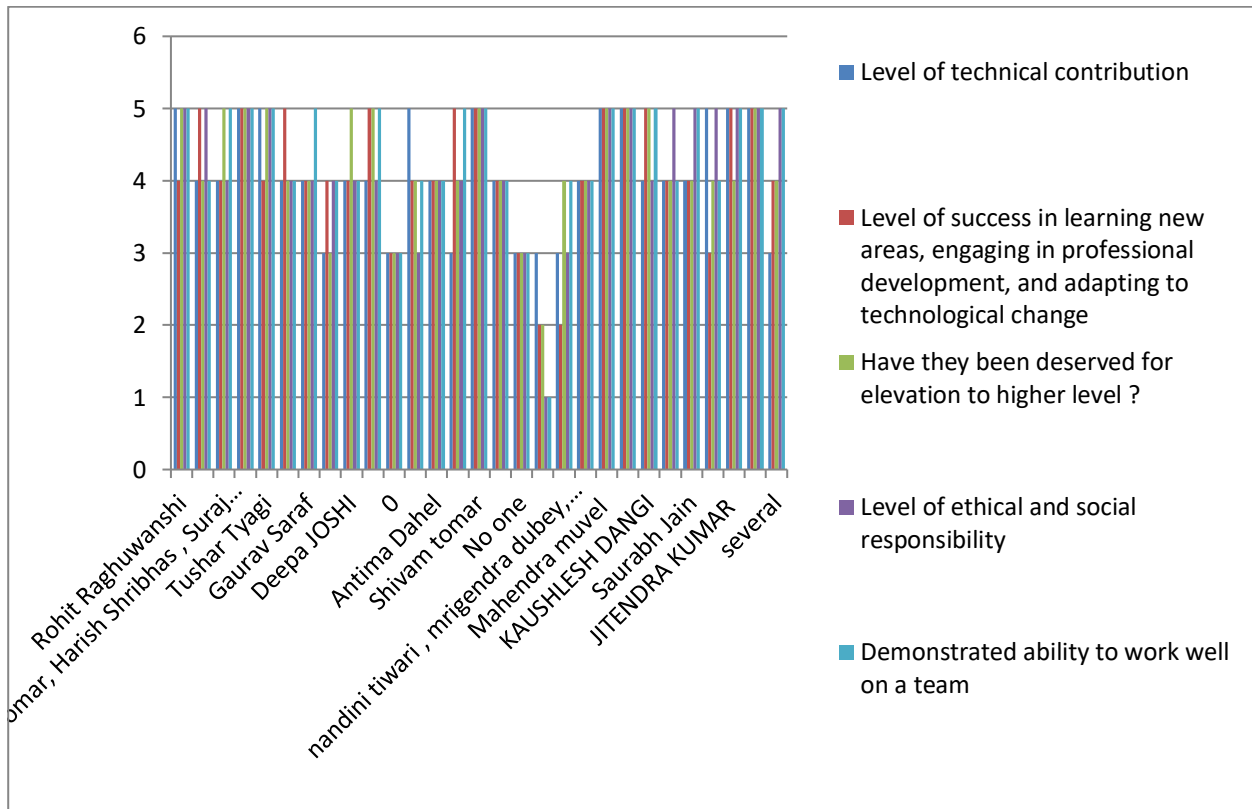


5. Demonstrated ability to work well on a team



6. Other Comments Posted by Employers :

Any Other Comment / Suggestions
Good technical knowledge
GOOD. KEEP IT UP
Hardworking & smart students
He is having good technical knowledge as well as great dedication and attitude towards any given task. He is having great potential to grow in our organization.
Mr Tushar is sincere and hard working, and is an asset to the university.
Nicholas is a great addition to the team. He has shown good acumen to research new technology and solutions and find the best possible usage out of that.
Overall Good Candidates
Please make your study environment as per private companies standard.
Positive, dynamic, fast learner, good team performer.
Require more Co -Operation and Co-Ordination.

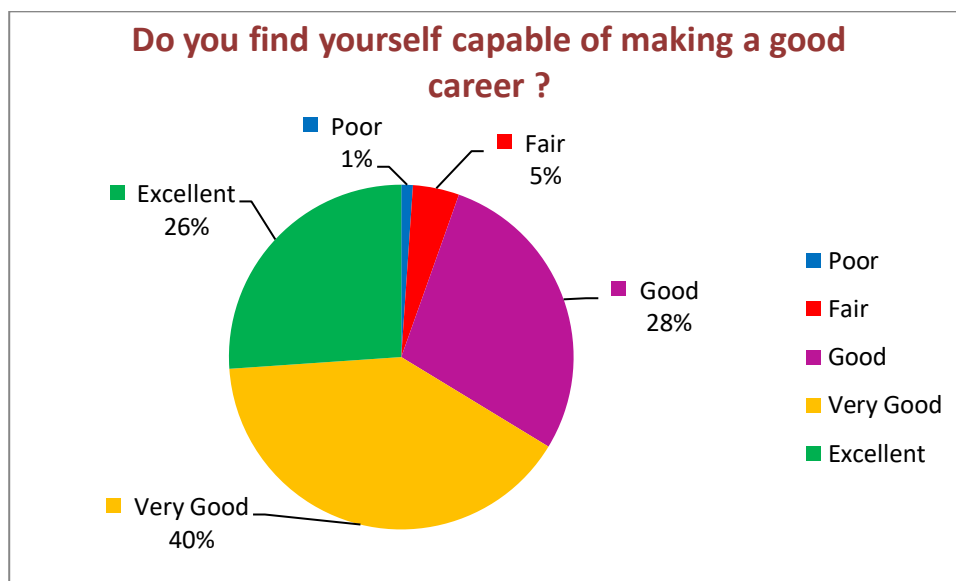


Alumni Satisfaction Survey 2019

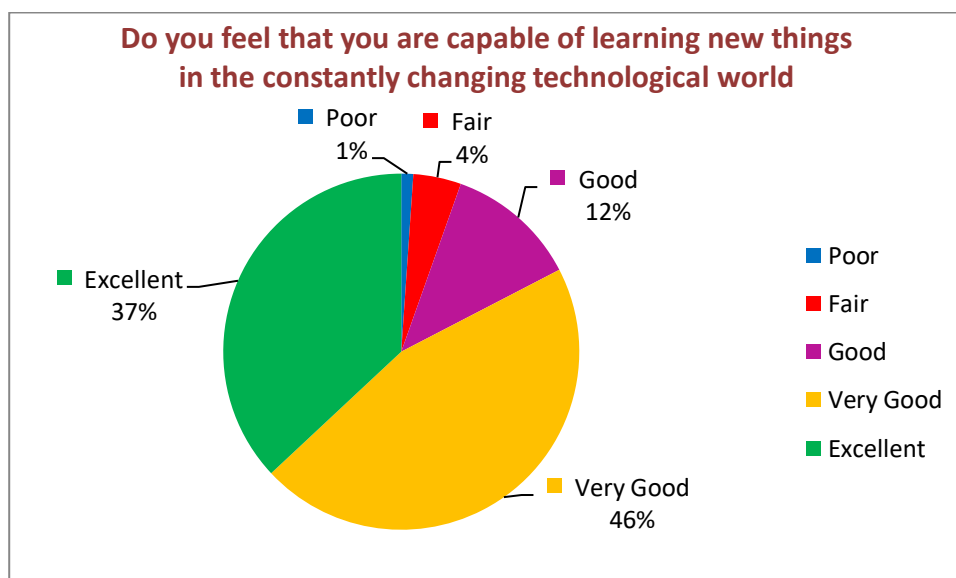
Sample Size : 92

Alumni Feedback is being collected from students who have graduated between 2012 to 2018. A mix of alumni from all branches, working in Private Sector/Government Sector and other Interdisciplinary areas from all over India is selected. A total of 92 responses on 04 general parameters, as shown below on the scale of 5 to 1 has been selected for analysis :

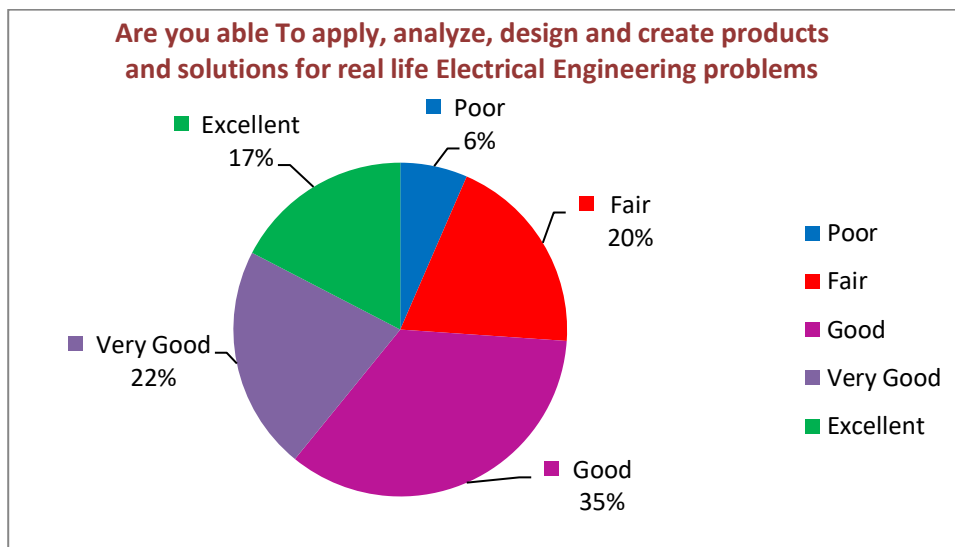
1. Do you find yourself capable of making a good career ?



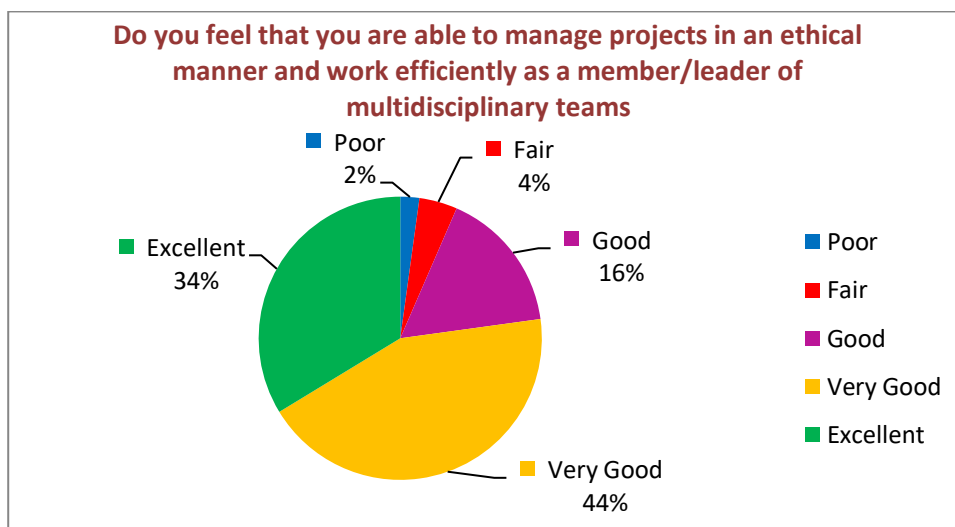
2. Do you feel that you are capable of learning new things in the constantly changing technological world.



3. Are you able To apply, analyze, design and create products and solutions for real life Electrical Engineering problems



4. Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams.



Computation of Alumni Satisfaction Index

General parameters	Poor	Fair	Good	Very Good	Excellent	Alumni Satisfaction Index (Out of 5)
Do you find yourself capable of making a good career ?	1	4	26	37	24	3.86
Do you feel that you are capable of learning new things in the constantly changing technological world.	1	4	11	42	34	4.13
Are you able To apply, analyze, design and create products and solutions for real life Electrical Engineering problems	6	18	32	20	16	3.24
Do you feel that you are able to manage projects in an ethical manner and work efficiently as a member/leader of multidisciplinary teams.	2	4	15	40	31	4.02

S. No.	Your Name	Branch of Engineering/ M.Tech Branch/ Architecture / M.Sc.	Year of Graduation or Post Graduation	Current Company	Location	Current Designation
1	Ankit Raje	Biotechnology	2013	Mp govt	Bhopal	Inspector
2	Deepanshu Verma	Biotechnology	2018	IIT MANDI	Mandi	Mtech student
3	Shivam Singh Sikarwar	Biotechnology	2018	Higher study	Delhi	Student
4	Lovekesh parashar	Biotechnology	2013	Social justice and disable welfare department mp govt	Ujjain	Social security officer
5	Satyam Agrawal	Biotechnology	2018	N.A.	Indore	Student
6	Sachin sahu	Chemical	2014	Grasim Industries Limited	Veraval	Engineer
7	Anamika Kushwah	Chemical	2013	SATI, Engineering College	Vidisha	Assistant Professor
8	Surbhi Asati	Chemical	2014	IBM India Pvt Ltd	Gurgaob	Application Developer
9	Ritu Ranjan	Chemical	2018	IIT MADRAS	Chennai	Mtech
10	Riya Goswami	Chemical	2018	Curtin University	Perth, Australia	Student
11	Ananya khare	Chemical	2018	Accenture	Kolkata	Application software Engineer
12	Namit Tripathi	Chemical	2013	Lamar University	Texas, US	Research Assistant
13	Shubham Sharma	Chemical	2018	OYO- Orvel Stays Pvt. Ltd.	Indore	Business Development Manager
14	Lokesh Singh kisroliya	Chemical	2018	Ipca	Ratlam	Asst jr engineer
15	Vijay Solanki	Chemical	2012	Century Rayon(Grasim Industries Ltd.)	Mumbai	Asst. Manager
16	Shubhangi Vadjekar	Chemical	2015	Honeywell automation India Pvt Ltd	Pune	Senior application engineer
17	NISHA MOGANIYA	Chemical	2013	OFFICER IN PUNJAB NATIONAL BANK	DHARAMSALA HIMACHAL PRADESH	OFFICER
18	GAJENDRA KUSHWAH	Chemical	2017	National fertilizer limited	VIJAYAPUR GUNA DISTT	INTERNSHIP
19	Tripurari Tiwari	Chemical	2017	Accenture	Gurugram	Associate Software Analyst
20	AISHWARY GOYAL	Civil	2015	URBAN ADMINISTRATION AND DEVELOPMENT DEPARTMENT MP	KARERA NAGAR PALIKA	SUB ENGINEER
21	Tanuja verma	Civil	2014	Uadd	Gwalior	Sub engineer
22	VIJAY VERMA	Civil	2015	MP HOUSING AND INFRASTRUCTURE DEVELOPMENT BOARD	GWALIOR	SUB ENGINEER
23	Shubham Biswas	Civil	2015	Mahindra Susten Pvt. LTD.	Bengaluru	Assistant Manager
24	Aniruddha Singhal	Computer Science	2014	TCS-Noida	Noida	Researcher
25	Anjali Bandil	Computer Science	2014	Icertis	Pune	Technical Consultant
26	Nitisha Singh Bhadoria	Computer Science	2014	TIAA CREF	Pune	Associate
27	Prakhar Shukla	Computer Science	2018	Pursuing Masters (BITS Pilani Goa Campus)	Goa	Teaching assistant
28	Ashish Garg	Computer Science	2013	Sopra Banking Software India	Noida	Module Lead
29	Gyan Prakash Dwivedi	Computer Science	2018	Samsung	New Delhi	Associate Engineer
30	Soumya Sharma	Computer Science	2014	Vodafone	Pune	Assistant Manager
31	Rajkumar Lodhi	Computer Science	2018	Fabritech Software Pvt Ltd	Indore	Developer
32	Sakshi Vyas	Computer Science	2018	Studying Masters of technology in Software	Allahabad	Student

				Engineering from MNNIT ALLAHABAD		
33	Satish Uraiya	Computer Science	2014	Informatica Business Solutions Private Limited	bangalore	Associate QA
34	Akanksha Shrivastava	Computer Science	2017	Accenture	Pune	Software Engineer
35	Hemant Bharadwaj	Computer Science	2012	Microsoft	Bangalore	SE
36	Sushma Singh	Computer Science	2015	Ahex Technology	Hyderabad	Associated Software Developer
37	Apoorva Shivhare	Computer Science	2018	INDIAN INSTITUTE OF FOREIGN TRADE	Kolkata	Student
38	Rohit Upadhyay	Electrical	2013	Capgemini	PUNE, Maharashtra	Consultant
39	Rohit	Electrical	2014	Mpmkvcl bhopal	Bhopal	Assistant manager
40	Arpit Srivastava	Electrical	2014	Forest Service	Madhyq Pradesh	ACF
41	AKASH GUPTA	Electrical	2014	The Scindia School	Gwalior	Senior Engineer MEP
42	Trishikha biswas	Electrical	2014	Bajaj Electricals Ltf	Mumbai	Assistant Manager
43	Apurv Shukla	Electrical	2014	Paytm	Noida	Team lead
44	Apurv Shukla	Electrical	2014	Paytm	Noida	Team lead
45	Sonika Aneja	Electrical	2014	ICICI bank	Mumbai	Relationship manager wealth
46	Vinod kokade	Electrical	2014	MPMKVVCL BHOPAL	Morena	Assistant Manager
47	Animesh Upadhyay	Electrical	2017	IIT Guwahati	Guwahati	Student
48	Roopsingh lodhi	Electrical	No	MPEB	Chhatarpur	Khajuraho
49	SUNEEL KANOJIYA	Electrical	2018	Nav Pahal Resharch And Group	Bhopal	Auditor
50	pradhumn dhanotiya	Electrical	2018	NA	NA	NA
51	Ankit Kekre	Electrical	2018	IndianOil-Adani Gas Pvt. Ltd.	Udham Singh Nagar	Senior Engineer
52	Rahul Santwani	Electronics	2014	State Bank of India	Chhatarpur	Probationary Officer
53	Amit Shrivastava	Electronics	2014	Infosys Limited	Brussels , Belgium	Technology Analyst
54	Utkarsh badal	Electronics	2018	IIT delhi	Delhi	Mtech student
55	Radhika Awasthi	Electronics	2018	Dr. Reddy's Laboratories	Hyderabad	Web Application Developer
56	Shivangi Paharia	Electronics	2018	Infosys	Pune	System Engineer
57	Kratika Agrawal	Electronics	2014	Pursuing post graduate studies	Worcester	Graduate Student at WPI
58	Srishti Singh	Electronics	2017	Accenture	Pune	Associate software engineer
59	Nitish Rajoria	Electronics	2017	None	Gwalior	None
60	Shubham kumar mahoria	Electronics	2017	Accenture	Pune	Assistant software engineer
61	Rishabh Chaurasiya	Electronics	2017	IIT Kanpur	Kanpur, U.P.	M.Tech (SPCOM)
62	Shivam Guru	Electronics	2017	Accenture	Hyderabad	Software Engineer
63	Abhijeet Shukla	Electronics	2014	TCS	Pune	BA
64	Prachi Jain	Electronics	2017	Accenture	Gurugram	Application development Analyst
65	Garima Gaur	Information Technology	2013	Indina Institute of Technology, Kanpur	Kanpur	Phd Scholar
66	Pooja Jain	Information Technology	2014	TIAA - GBS	Pune	Analyst
67	ASHUTOSH SHARMA	Information Technology	2018	NA	Gwalior	Further study
68	Kishan Shankar Singhal	Information Technology	2018	Pursuing M.Tech from IIIT Hyderabad	Hyderabad	Student
69	Renuka Chanderiya	Information Technology	2018	Retail Solutions India Pvt Lmt	Pune	UI Developer
70	Renuka Chanderiya	Information Technology	2018	Retail Solutions India Pvt Lmt	Pune	UI Developer

71	Somya Soni	Information Technology	2018	NMIMS Mumbai (MBA)	Mumbai	PG Student
72	krishna kumar lodhi	Information Technology	2018	no	shivpuri	student
73	Shivam Sharma	Information Technology	2018	Capgemini	Bangalore	Senior Analyst
74	Nimisha Agrawal	Information Technology	2014	Gartner	Gurgaon	Research Consultant
75	Rajat	Information Technology	2014	Merkle Sokrati	Gurugram	Solutions Manager
76	GIRRAJ RATHORE	Information Technology	2017	Accenture	Bangalore	Associate Software Engineer
77	Anil Agarwal	Mechanical	2014	Sudhir power ltd Gurugaon	Gurugaon	Maintenance Engineer
78	Pankhuri Jain	Mechanical	2014	Deloitte Consulting India Pvt. Ltd.	Bengaluru	Consultant
79	Pooja kaushal	Mechanical	2013	Dr B. R. Ambedkar polytechnic college	Gwalior	Lecture
80	Shristy Gupta	Mechanical	2014	Wipro Technologies	Bangalore	Senior Project Engineer
81	Mayank Shukla	Mechanical	2014	Axis bank Ltd	Delhi	Wealth manager
82	Manisha Bansal	Mechanical	2014	Relaxo Footwear Limited	Delhi	Assistant manager
83	Pramod Shakya	Mechanical	2013	Govt. Polytechnic College Khirsadoh	Chhindwara	Lecturer
84	akash gupta	Mechanical	2014	NTPC LTD.	rihand nagar, bijpur, dist sonebhadra, u.p.	assistant manager
85	Niyati Tyagi	Mechanical	2014	IAF	Jaisalmer	Flight Lieutenant
86	Ayush Jain	Mechanical	2014	Mahindra Research Valley	Chennai	Senior Engineer
87	Yogendra Singh Rajpoot	Mechanical	2013	Govt. Engineering College	Mainpuri	Assistant Professor
88	shubham garg	Mechanical	2017	Accenture	gurgaon	Associate software engineer
89	Eklavya Tripathi	Mechanical	2018	iit indore	Indore	Research scholar (March)
90	Medhansh Arora	Mechanical	2018	KEC INTERNATIONAL LTD	Jabalpur	Executive Quality Assurance
91	Pankaj Devda	Mechanical	2017	Study	Mandsaur	Student
92	VAIBHAV SINGHAL	Mechanical	2017	National Institute Of Technology Warangal	Warangal	M.Tech Student

Summary of Alumni Suggestion for improvement

Any Other Comments?	Suggestion for improvements: (For your Department)	Suggestion for improvements: (For Institute)
	There should be good faculties and sufficient resources that are needed for the fulfillment of the degree but the suggestion is of no use as the department will be closed in few years :-	The management should emphasize on giving equal importance to all the department instead of one or two. The institute should focus on becoming a centre for learning rather than a commercial money making centre.
	Lack of infrastructure and lab instruments .This causes hinderance while doing major or minor projects . So kindly , keep watch on their maintenance and management.	Educational institute meant to provide equal and fare opportunities but MITS failed miserably in this regard . Despite, producing top rankers in Gate 2018 and most honor degrees in ratio basis , BIOTECH department finding difficulties to cement its place . Surely due to lack of administrative will against upliftment of the BIOTECH deparment. So kindly , pay watch to this kind request of mine .As biotechnology is future endeavor for India and has bright future ahead . Thank you
	Research facility should be improved	Placement should be increased
U should reach out to the HR of this company as it is India pioneer private sector group (Aditya Birla Group)	U should start adding safety technique and study in your course as per market requirement	Safety should be included in the course

College should do more work for placement	More labs should be developed	
	Assignment should be given properly for all subjects regularly so that students can learn	Software based learning for students should be improved
	Focus more on collaboration and opportunities to gain hands on industrial experiences. Include units which are relevant to industry.	Move towards automation and bring in new and advanced technologies.
Correct third question in the single response questionnaire as it seems that it is directed for electrical engineers only.	Update the course curriculum and make it more industry friendly.	Make the curriculum up to date and encourage students towards entrepreneurship.
		Start industrial visit for each year
	Everyone have their own way of study and the teacher should understand it and he/she shouldn't be partial towards students even if he/she have a favorite one, the marks in the internal assessment should not be given according to personal opinion and favorite student things as it affects the future of the students. Department should encourage the interest of students and try to listen to the student's choice of studying and projects and help them in their work, and try to arrange the resources for the major and minor projects. Also they should have to provide the connectivity for the students for their industrial trainings. And lastly every faculty of department should have to try to listen and understand the students rather connect to them than creating their own opinions about students.	Our institute is one of the prestigious institution not only in the country but also to other countries, i would like to suggest that institute should teach the students to work and learn practically and gain the worthy skills. The institute should try to encourage the students for their all round development and provide access to all the facilities of the institute to all students studying in the college and sports facilities as well from morning 7:00am to evening 9:30 pm as during the college time the students could attend the classes and can complete the other academic and office related works and can play on remaining time as playing helps brain to be more active and increases the creativity. The institute should have taken care of that the students rather learn and live together than learning politics of hosteller and Day-scholar. The institute should teach them to stand them together against wrong so that name and fame of our institute will increase. Also the institute should give the equal importance to the girls students rather listen to their problems and solve them than keep them pending.
working style of Training and Placement cell of the institute is great. Providing the personality development classes for the weak students to secure job is the great initiative taken.	Instead of in charge, please provide a permanent Head of the Department, who should be from core Chemical Engineering, appointing temporarily HOD from any other department is no a good practice.	There should be some interactive session between teachers and students so that the so called age gap will not be the barrier among both of them. Also, Library should have some young people, who at least without getting rude to students they can provide books.
	Should emphasize on real experienced Major & Minor project with Faculty involvement for better understanding of practicality	Everything is good.
	Alumnies should be invited regularly and alumini meets should be organised at the institute regularly.	More workshops and expert lectures should be planned.
	Make use of new technology (coding perspective) like SFDC, Python, SAP etc.	
Please start preparing students from the start, don't wait for them to come in 3rd year and than start preparing them for campus selection. We are very well aware that not all students come from same background and even though they are brilliant in their respective field, they lack in communication. We cannot blame them for rejection in communication rounds. 1. Have multiple fest, meetups to encourage everyone to participate and speak up. 2. Students as well as teachers should have good communication skills. 3. Time to time upgradation of technology used and students should have awareness about them.	1. More focus on technical part and practical of it. 2. Update should be made curriculum to fit in current market. 3. Labs should be equipped properly and should be taken seriously. 4. Teaching process and knowledge transfer from teacher should be up to date.	1. Provide more exposure in terms of communication skills, technical skills, soft skills. 2. More tech fest or tech expo should be held which are focused on real world problems. 3. It's good to have "sales" as an option for career but technical companies should be preferred. It has been observed that last year there were a few technical companies compared to sales and hence students has to opt for "off campus".

	Bring coding culture, bring industry oriented subjects not traditional academic subjects, let professors build up their own course and bring system of electives like in MIT, IITs and BITS. Bring better faculty.	Stop increasing seat count and improve condition of students that are already their in campus. If Institute can't even place all students then what's the purpose of increasing batch size.
Not sure about the third item.	Department should provide latest technology system and should learn latest technologies instead of going through syllabus only. Department should also organize workshops and student should get more exposure to outer world instead of just going through books.	Institute should work more on competitive and communication skills of the students.
	Please provide full support for every student which you give admission	Attention for all students not only excellent students
	Coding clubs must be stringly inculcated and focused upon.	
	More and advanced programming languages should be taught for CS IT students just c and c++ is not enough in today's world.	
Thank you for all your support in my graduation	strictly improve the practical knowledge of student, encourage for innovation and explore more language for better future.	Hire faculty for practical knowledge of student, increase the workshop on new technology.
		Try to make the Institute student driven rather administration driven, this gives students more opportunities.
NA	Concentrate more on practical things	Staff should be friendly not strict.
		OVERALL FEES ISSUE, TOO HIGH,.....
	Data analysis subjects must be taught and hands on experience of tools must be there	Basics of economics must be taught as a subject in any semester
	Data analysis subjects must be taught and hands on experience of tools must be there	Basics of economics must be taught as a subject in any semester
	Provide more practical knowledge as compare to theoretical knowledge.	Invest in Research is crucial if a university or business school want to improve their reputation. You can work out what prospectives perceive as your strengths and weaknesses. Based on these insights, you will be able to refine your brand message in an attempt to differentiate yourself from your competitors. To be a reputable institution in every field and have no flaws is impossible, so channel your unique qualities and niche areas through extensive research and utilization of key data.
	Requirement of good faculty for core subjects in electrical BRANCH	
	More focus on practical application and problem solving related to real life engineering. Diversification in course to include basic knowledge of other engineering disciplines as well.	
NA	Lab Infrastructure should be improved.	TnP cell should start coordinating with students from first year itself so that they are completely ready for campus recruitment/ Interviews in their final year. Digital/Technological methods may be used for this purpose.
NA		Make students more aware about the CDAC and other examination so that if they're aiming to join any IT company or anything else they can get that also
It's always important to continue learning even while working because the technological advances are too rapid.	Emphasize more on practical learning, and languages like MATLAB and atleast one programming language.	More emphasis must be given to practice-based learning. All departments must update their curriculum and new courses related to advance technologies must be included in it.
	More practice knowledge	
	More application and practical rather theoretical learning is	

	required.	
MITS needs to work towards providing practical technical knowledge.	Electronics dept. Needs to recruit new blood, as the electronics is the most dynamic sector of engineering and with new recruits it will be a breath of fresh air in the department.	Great infrastructure..just need to look beyond the study part..there are other things that students must be compelled for rather than making assignments and projects..like sports, co-curricular activities like music, skits..and a annual fest is must.
	Please include Matlab/ coding as Course Work, and give regular assignments on that. It will be helpful for students.	
The college and Hostel life has taught me a lot. I am able to handle a lot more difficult things diligently and effectively.	Teachers/Professors should focus more towards learning and keeping their students updated with current technology trends. Need more constructive environment in the environment.	Provide the students with more and more Exposure of technological advancements. Make them aware that the books they read will only get them marks, the real engineering knowledge would only come once they develop a sense of interest towards their field. The institute must cater such environment.
Na	Curriculum should include some new trends as the new market demands Many institute have already started updating there curriculum.	Curriculum should include some new trends as the new market demands Many institute have already started updating there curriculum
	give support to weak student	you have to do more practical for student
	Appreciate students to think differently and bring out of box idea.	
		Connect with Startups or small companies as well for placements as they provide great opportunities to learn and with higher salary
	Please enhance the curriculum. The industry requirements and what we learn in engineering do not match. Infosys and other such companies hiring and giving our engineers training before landing them to job is a sign that we are not doing enough. Please focus on practical studies. Also, data science and analysis is a booming industry and will be creating millions of job in next decade, kindly prepare our engineers for that too.	Our prestigious institute is older than even IITs, still our Alumni network is poor. Kindly leverage it, arrange Alumni meets, workshops, knowledge sessions. Our Alumni are working in all the domains we can think of, ask them to visit and talk to students. This will help students a lot in deciding their future.
		Needs to focus on student's Presentation and Communication Skills which is where people face difficulties
	They should be more focused about advanced and practical knowledge	
Not in particular, but the institute should adapt more flexible approach towards changes in methodologies and need to put them in practices so that the curriculum should not lack when it comes to comparison with industry standard		Institute should make some arrangement for internship placement assistance.
3rd question above is irrelevant to me...as i m frm mech.	should have good faculties, labs...should not give teaching work to adhoc..faculties should be experienced enough.	there should be no coercion to attend the college...students will by themselves if the faculties, labs, environment would be good enough.. thanks.
	Talks/Seminars rather than narrowly focusing on an individual department like mechanical should be interdisciplinary in nature, as real problems are always multidisciplinary.	
	Add Presentations in each and every subject based on Research Papers of current year and make them aware about websites like Science Direct, Researchgate, Google scholar and Scihub etc	

Madhav Institute of Technology & Science, Gwalior

ELECTRICAL ENGINEERING DEPARTMENT

Feedback form of Parents

Name of Parent (Father/Mother):	DEEPANSHU BHARDWAS	
Position held:	BROTHER.	
Mobile No.:	9425661158	
E-mail ID:	deepanshu b 936@gmail.com.	
Name of Student:	NUPUR BHARDWAS	Mob. No.: 7415853076
Semester:	6	
Marks obtained:	7.77	Attendance :
Feedback:	Faculty & staff teachers are good and co-operative.	
Suggestions:	I felt happy to attend and get report about my child. And I suggest to give this report about my ward. after each semester.	

te: 20/02/2019

J. Bhadani

Signature of Parents,

Address 496 N/3

C - Sector Biplari

BHEL Bhopal.

ELECTRICAL ENGINEERING DEPARTMENT

Feedback form of Parents

1.	Name of Parent (Father/Mother) :	RAJESH KUMAR TRIPATHI	
2.	Position held :	DIVISIONAL ENGINEER JABALPUR KCR	
3.	Mobile No. :	9752418203.	
4.	E-mail ID :	rajeshtripathi2000@gmail.com	
5.	Name of Student :	Suryansh Tripathi	Mob. No. 9516687495
6.	Semester :	7 th EEE	
7.	Marks obtained :	Attendance :	Regular.
8.	Feedback:	Suggestion : Practical training and field visit along with detail design study to be done in new installations. Detail study with identities regarding power transmission to be done.	
9.	Suggestions:	Need : Staff is excellent and regular classes and motivation is very good. Project planning is very good.	

Date: 16/0/19.

Signature of Parents,

Address Rajesh Tripathi
..... Divisional Engineer Jabalpur
..... KCR, Jabalpur C.M.A
9752418203.

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR-5
(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

ELECTRICAL ENGINEERING DEPARTMENT

Feedback form of Parents

1.	Name of Parent (Father/Mother) :	प्रदीप शिखर		
2.	Position held :	श्री/श्री (Private)		
3.	Mobile No. :	9826813763		
4.	E-mail ID :	.		
5.	Name of Student :	आदित्य शिखर	Mob. No.	9518001692
6.	Semester :	5 th		
7.	Marks obtained :	S.G.P.A. - 9.00	Attendance :	FULL
8.	Feedback :	शुभकाम्य शीका है		
9.	Suggestions :			

Date : 21/07/18

प्रदीप शिखर
Signature of Parents,

Address Kanoun Gayam Mohalla,
KILA GATE, GWALIOR-R-3

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR-5
(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

ELECTRICAL ENGINEERING DEPARTMENT

Feedback form of Parents

1.	Name of Parent (Father/Mother) :	RAJESH SHRIVASTAVA.
2.	Position held :	PRINCIPAL IN HIGH SCHOOL
3.	Mobile No. :	98263-17531
4.	E-mail ID :	
5.	Name of Student :	Sakshi Srivastava Mob. No. 8965927120
6.	Semester :	Vth (Semester)
7.	Marks obtained :	III sem - 8.46 IV sem - 9.00 Attendance : 80%
8.	Feedback :	All faculties are good and Satisfactory.
9.	Suggestions :	Review should be taken by the students about the new faculty.

Date : 21/07/18

[Handwritten Signature]

Signature of Parents,

Address
.....
.....

ELECTRICAL ENGINEERING DEPARTMENT

Feedback form of Parents

1.	Name of Parent (Father/Mother) :	Sudhir Singh, Kushwaha
2.	Position held :	Advocate.
3.	Mobile No. :	9669411893
4.	E-mail ID :	Mudhir Singh Kushwaha@gmail.com
5.	Name of Student :	Madhur Singh Kushwaha, Mob. No. 7447019238
6.	Semester :	III rd V Sem,
7.	Marks obtained :	III rd - 7.7 IV - 7.46 Attendance :
8.	Feedback :	All faculties are good.
9.	Suggestions :	NA

21.7.18

Signature of Parents,

Address ... Sudhir Singh Kushwaha
Lohan Road Dugga
Nagel Bhand. M.P.

Annexure XVI**Admission Branch Wise in UG year 2018-19**

S. No.	Intake	Branch	No. of Students																Total
			UR		TFW		AIUR		J&K		NEUT		SC		ST		OBC		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	120	Civil Engineering	44	12	5	-	2	-	1	-	-	-	25	4	10	2	21	-	126
2	120	Mechanical Engineering	52	8	6	-	6	-	1	-	-	-	24	-	3	-	26	1	127
3	30	Biotechnology	2	3	-	-	-	-	-	-	-	-	1	1	-	-	2	2	11
4	60	Information Technology	20	9	3	-	3	-	-	-	-	-	3	1	-	-	20	4	63
5	60	Automobile Engineering	31	6	3	-	1	-	-	-	-	-	8	-	-	-	14	-	63
6	60	Chemical Engineering	26	9	2	-	1	-	-	-	-	-	7	-	-	1	14	2	62
7	120	Electrical Engineering	40	17	6	-	5	1	1	-	1	-	19	8	-	-	28	2	128
8	120	Computer Science & Engineering	39	18	2	2	5	1	-	-	-	-	32	7	2	-	11	5	124
9	120	Electronics Engineering	39	29	5	-	4	2	-	-	-	-	7	3	1	-	22	13	125
10	60	Electronics & Telecommunication Engineering	20	18	1	1	1	-	1	-	-	-	6	2	-	-	12	1	63
	870	Total	313	129	33	3	28	4	4	-	1	-	132	26	16	3	170	30	892

S. No.	Intake	Branch	No. of Students																Total	
			UR		TFW		AIUR		J&K		NEUT		SC		ST		OBC			
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
1	40	Architecture	8	17	-	-	-	1	-	-	-	-	5	5	-	-	-	-	4	40

Note : The Admissions of UG/PG students are through on-line Centralized counselling controlled by the Director Technical Education, Madhya Pradesh. All the state & Centre Govt. norms and policies such as reservations etc. are fully followed. The details regarding number of applications for each course are not available with the Institute.

Lateral Entry Admission Branch Wise in UG year 2018-19

S. No.	Intake	Branch	Sanctioned Intake	Admitted Position	Additional Sheet	Total
			20%			
			MP		PMSS/J&K	
1	24	Civil Engineering*	24	25	2	27
2	24	Mechanical Engineering	24	23	-	23
3	24	Electrical Engineering	24	20	-	20
4	24	Electronics Engineering	24	11	-	11
5	24	Computer Science & Engineering	24	25	-	25
6	12	Information Technology	12	10	-	10
7	12	Chemical Engineering	12	4	-	4
8	12	Automobile Engineering	12	4	-	4
9	12	Electronics & Telecommunication Engineering	12	-	-	0
10	6	Biotechnology	6	-	-	0
	174	Total	174	122	2	124

*Note: BE Lateral Entry (Civil Engg.) 2 Students Admitted Under Prime Minister's Scholarship Scheme for Candidates Belonging to Jammu and Kashmir State 2018-19

Admission Branch Wise in PG year 2018-19

S. No.	Intake	Branch	No. of Students														Total
			UR		TFW		AIUR		J&K		SC		ST		OBC		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	25	M.E. Communication Control & Networking	3	2	-	-	-	-	-	-	-	-	-	-	-	-	5
2	25	M.E. Construction Tech. Mgmt	18	2	-	-	-	-	-	-	3	-	-	-	2	-	25
3	5	M.E. Construction Tech. Mgmt (PT)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	18	M.E. Environment Engineering	4	1	-	-	-	-	-	-	-	2	-	-	1	1	9
5	25	M.E. Industrial Systems Drives	7	-	-	-	-	-	-	-	1	-	-	-	-	-	8
6	7	M.E. Structural Engineering	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	18	M.Tech. Microwave Engineering	1	2	-	-	-	-	-	-	-	1	-	-	1	1	6
8	18	M.Tech. Production Engineering	9	2	-	-	-	-	-	-	-	-	-	-	1	-	12
9	18	M.Tech. Computer Science & Technology	3	12	-	-	-	-	-	-	-	-	-	-	1	2	18
10	18	M.Architecture (Urban Planing)	8	9	-	-	-	-	-	-	-	-	-	-	1	-	18
	177	Total	53	30	-	-	-	-	-	-	4	3	-	-	7	4	101

S. No.	Intake	Branch	No. of Students														Total
			UR		TFW		AIUR		J&K		SC		ST		OBC		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	60	MCA	12	5	-	-	-	2	-	-	1	-	-	-	3	3	26

Note : The Admissions of UG/PG students are through on-line Centralized counselling controlled by the Director Technical Education, Madhya Pradesh. All the state & Centre Govt. norms and policies such as reservations etc. are fully followed. The details regarding number of applications for each course are not available with the Institute.

LIST OF PAPERS ACCEPTED/PUBLISHED IN JOURNALS (2018-19)

Name of Author(s)	Title of Paper	Name of Journal	National/ International	Indexing	Impact Factor	Volume	Pages	Month/Year of Publication
Civil Engineering								
Aman Sen, Dr. M.K. Trivedi & Prof. A.K. Dwivedi	Evaluation of factors causing rework in construction projects	International Journal for Research in Engineering Application & Management	International		7.11	Vol 4		Jun-2018
Neha Singh & Prof. Aditya Kumar Agarwal	Route Optimisation for municipal Solid Waste Collection using ArcGIS application in Gwalior City, M.P.	International Journal for Research in Applied Science and Engineering Technology	International		6.887	Vol. 6		July-2018
Ravi Pratap Singh Jadon & Prof. A.K. Saxena	Measurement of Ambient Air Pollutants in the Vicinity of Gwalior, M.P. India : Sampling, Analysis & Suggestion	International Journal for Research in Applied Science and Engineering Technology	International		6.887	Vol. 6		July-2018
Gautam Bhadoriya & Wivashwat Wikalp	Attitude of Construction Professionals on Building Material Wastage in Gwalior, India	International Journal of Technical Innovation in Modern Engineering & Science	International		-	Vol.4		July-2018
Dr. M.K. Trivedi & Shiv Mangal Mishra	Utilization of PCB and Cost-reduction of Concrete	International Journal of Applied Engineering and Research	International		-	Vol.13		July 2018
Deeksha Yadav, Prof. A.K. Dwivedi & Dr. M.K. Trivedi	Effect of Zirconium Oxide as nano -particle on Compressive strength and Durability of Cement Mortar, International Journal of Technical Innovation in Modern Engineering & Science.	International Journal of Technical Innovation in Modern Engineering & Science	International		-	Vol.4		July 2018
Shubham Garg &	Strengthening of Reinforced	International Journal of Research	International		-	Vol.5		July- Sep 2018

Sanjay Tiwari	Concrete Columns using Glass Fiber Reinforced Polymer Laminate	and analytical Reviews						
Brijesh Giri & Deepak Rastogi	Vermicomposting of different varieties of leaves (difference in the growth rate of worms and quality of manure)	International Journal for Research in Applied Science & Engineering Technology	International		6.887	Vol.6		July 2018
Dharm Singh & Dr. Sanjay Tiwari	Effect of Bracing Pattern on the most structurally Stable Rectangular Shape of Building	International Research Journal of Engineering and Technology	International		7.211	Vol.5, Issue 8	1583-1588	Aug. 2018
Dharm Singh & Dr. Sanjay Tiwari	Effect of Bracing Pattern on the L Shape of Building due to wind load	International Research Journal of Engineering and Technology	International		7.211	Vol.5, Issue 8	1589-1594	Aug. 2018
Ashish Bhargava, Prof. Deepak Rastogi & Dr. M.K. Trivedi.	Expansive Soil Stabilization Using Lime and Stone Dust	International Journal for Research & Analytical Reviews	International		5.75	Vol.5, Issue 3	2348	Aug.2018
Shubham Garg & Sanjay Tiwari	Strengthening of Reinforced Concrete Columns using Glass Fiber Reinforced Polymer Laminate	International Journal of Research and analytical Reviews	International		-	Vol.5		July- Sep 2018
Brijesh Giri & Deepak Rastogi	Vermicomposting of different varieties of leaves (difference in the growth rate of worms and quality of manure)	International Journal for Research in Applied Science & Engineering Technology	International		-	Vol.6		July 2018
Dharm Singh & Dr. Sanjay Tiwari	Influence of Wind load on Multi- Storey Tall RCC Building of Different Shapes	International Research Journal of Engineering and Technology	International		7.211	Vol.5		Aug 2018
Dharm Singh & Dr. Sanjay Tiwari	Effect of Bracing Pattern on the most structurally Stable Rectangular Shape of Building	International Research Journal of Engineering and Technology	International		-	Vol.5		Vol.5
Ashish Bhargava, Prof. Deepak Rastogi & Dr. M.K. Trivedi.	Expansive Soil Stabilization Using Lime and Stone Dust	International Journal for Research & Analytical Reviews	International		-	Vol.5		Aug.2018
Shubham Garg &	Strengthening of Reinforced	International Journal of Research	International		-	Vol.5		July-Sep 2018

Sanjay Tiwari	Concrete Columns using Glass Fiber Reinforced Polymer Laminate	and Analytical Reviews						
Gautam Bhadoriya, Harsh Ranawat	Review on Predicting Critical Factors Affecting Success of Construction Projects in Gwalior Division	IJAERD	International	e-ISSN (O): 2348-4470 p-ISSN (P): 2348-6406	5.71	05	185-186	2018
Gautam Bhadoriya, Wiwaswat Wikalp	Review Article on Response of Construction Professionals Towards Wastage of Materials in Construction Sites.	IJAERD	International	e-ISSN (O): 2348-4470 p-ISSN (P): 2348-6406	5.71	05	763-767	2018
Suryansh Sharma & Dr. M.K. Trivedi	Effect of Nano iron oxide and nano titanium di oxide on compression strength of concreted	IJRAR	International		-		Vovvvv	
AS Trivedi, SS Bhadauria, SK Jain	Experimental Study of Sulphate Attack on Steel Embedded in Reinforced Concrete	Journal of the Institution of Engineers	National	SCOPUS	0.34	Series A	1-8	FEB 2019
Hemant Kushwah, Archana Tiwari	Water Proofing of structures using additive bituminous solution	International Journal for research in Applied Science and Engineering Technology	International		6.887			APR,2019
Sohit Sharma, Archana Tiwari, Sunita Sharma	Experimental Study on use of bacteria in mortar	International Journal for research in Applied Science and Engineering Technology	International		6.887			APR,2019
Mechanical Engineering								
G. Saxena and M. K. Gaur	Energy analysis of evacuated tube solar collectors: a review	International Journal of Energy	International		-	25	54-74	2018
P. I. Shah and M. K. Sagar	Optimization of Turning Parameters of CNC Lathe Machine on Austenitic SS304 by Using Taguchi Method	International Journal of Research and Analytical Reviews	International		3.254	5	560-567	2018
S. K. Rathore, J. Vimal and D. K. Kasdekar	Determination of optimum parameters for surface roughness in CNC turning by using GRA-PCA	International Journal of Engineering, Science and Technology	International		-	10	37-49	2018
A. Gupta , J. Vimal and V. Chaturvedi	Fracture and Crack Propagations in Plate – A	International Journal of Mechanics and Design	International		-	4	Jan-14	2018

	review							
J. Dohare , V. Chaturvedi and J. Vimal	Investigation of Optimal Process Parameters of Extrusion Blow Molding Process Using Grey Taguchi Analysis	International Journal of Manufacturing and Materials Processing	International		6.887	4	1-Nov	2018
A. Aherwar, A. Singh, A. Patnaik	A study on mechanical behavior and wear performance of a metal–metal Co–30Cr biomedical alloy with different molybdenum addition and optimized using Taguchi experimental design	Journal of the Brazilian Society of Mechanical Sciences and Engineering			-	5		2018
S. K. Rathore, J. Vimal , D. K. Kasdekar	Determination of optimum parameters for surface roughness in CNC turning by using GRA-PCA	International Journal of Engineering, Science and Technology	International		-	10	37-49	2018
S. Agrawal , M. K. Gaur , D. K. Kasdekar , S. Agrawal	Optimization of machining parameters of hard porcelain on a CNC machine by taguchi and RSM method	Journal of Mechatronics & Automation, Journal of Mechatronics and Automation			-	10	13-22	2018
A Aherwar, A Singh, A Patnaik	Mechanical and wear performance evaluation of tungsten added Co-30Cr-4Mo-1Ni biomedical alloy with Taguchi optimization	Materialwiss. Werkstofftech			-	49	912-927	2018
Sanni Dev, Amit Aherwar, Amar Patnaik	Preliminary Evaluations on Development of Recycled Porcelain Reinforced LM-26/Al-Si10Cu3Mg1 Alloy for Piston Materials	Silicon			-			2018
Amit Aherwar, Amit Singh, Amar Patnaik	Study on mechanical and wear characterization of novel Co30Cr4Mo biomedical alloy with added nickel under dry and wet sliding conditions using Taguchi approach	Proceedings of the Institution of Mechanical Engineers, Part L : Journal of Materials: Design and Applications			-	232	535-554	2018
Amit Aherwar, Amit Singh, Amar Patnaik	A study on mechanical behavior and wear performance of a metal–metal Co–30Cr biomedical alloy	Journal of the Brazilian Society of Mechanical Sciences and Engineering			-	40	213	2018

	with different molybdenum addition and optimized using Taguchi experimental design							
Sagar Supekar, Chandra Shekhar Malvi	An Experimental Study on Design and Fabrication of Sheet and Tube Type PVT Collector	Journal of Alternate Energy Sources and Technologies			-	9	33-38	2018
Pranav Singh, CS Malvi, SKS Rathore, Jitendra Bhartiya	Design, Simulation, Installation and Economic Analysis of 50kW Grid Connected Solar PV System	Journal of Alternate Energy Sources and Technologies			-	9		2018
Nikhil Mittal, Jitendra Bhartiya, CS Malvi	Design, Simulation and Economic Analysis of on Grid Solar PV System for Educational Institute in North India	Journal of Alternate Energy Sources and Technologies			-	8	64-74	2018
Pankaj Srivastav and Manoj Kumar Gaur	Scope of Green Supply Chain Management in North Indian Construction Industries	International Journal of Advanced Research in Engineering and Applied Sciences	International		5.795	4		2018
Electrical Engineering								
R Singh, D Singh, MA Pandit, S Sarkar, R Gupta, YPS Balhara, R Jain, A Sharma	Genetic and Epigenetic study in Opioid dependence patients	Indian Journal of Psychiatry	National		-	61	S481-S481	2019
Hari Mohan Dubey, Manjaree Pandit, Bijaya K Panigrahi	An overview and comparative analysis of recent bio-inspired optimization techniques for wind integrated multi-objective power dispatch	Warm and Evolutionary Computation	International		-	38	12-34	2018
Adesh Sharma, Himmat Singh	Matlab Simulation of D-STATCOM using SVPWM	International Journal of Engineering Technologies and management Research	International		-	Volume 5		May 2018
Amreen Hadri, Himmat Singh	Survey on Grid Connected Solar Power System	Journal of Emerging Technologies and Innovative Research (JETIR)			-	Volume 5		November 2018
Deepak Kumar Sharma, Hari Mohan Dubey, Manjaree	Single and Multi-Area Optimal Dispatch by Modified Salp Swarm Algorithm	I.J. Intelligent Systems and Applications	International		-		ISSN: 2074-9058	

Pandit								
Hariom Rathore, Kuldeep Swarnkar	Economic Load Dispatch Using Genetic Algorithm	International Journal of Innovative Research in Technology	International		5.86	5	298-303	2018
Jyoti Tomar, Kuldeep Swarnkar, Praveen Bansal	Comparison between Conventional H-Bridge MLI and Switched-Capacitors Based Multilevel Boost Inverter	International Journal for Science and Advance Research in Technology	International		7.426	4	841-845	2018
V Saini, L Dewan	Sparse parameter estimation of LTI models with l^p sparsity using genetic algorithm	International Journal of Modelling, Identification and Control	International		-	29	14-21	2018
Electronics Engineering								
Dr. Pramod Kumar Singhal	Flip Left to Right Approach Based Inverse Tree Interleavers for Unconventional Integrated OFDM-IDMA and SCFDMA - IDMA Systems	Wireless Personal Communication (SPRINGER)	International	ISSN 0929- 6212	1.20	Volume 80, Issue 3	1-18	February 2019
Dr. Pramod Kumar Singhal	Bevelled Shaped Filtenna for Ultra Wide Band Applications	Journal of Microwave Engineering and Technologies		ISSN 2349- 9001	-	Volume 5, Issue 3	1-10	2018
Dr. Bimal Garg	Analysis of Power of a PV Module with the Help of Incremental Conductance MPPT and DC-DC Boost Converter	IRJET		E-ISSN :2395- 0056, P-ISSN : 2395-0072	7.211	Volume 5, Issue 7		July 2018
Dr. Bimal Garg	Characteristics of PV Module in Partial Shading Conditions	IJESET		--	-	Volume 4, Issue 1	14-18	October 2018.
Dr. Bimal Garg	P & O Algorithm MPPT Technique for Photo-Voltic System Under Different Weather Conditions	RTECS		ISSN: 2393- 8757 (ONLINE)	-	Volume 5, Issue 3		October 2018.
Dr. Bimal Garg	Triple Band Microstrip Patch Antenna in A Square Contour for RF Energy Harvesting	IJRFD		--	-	Volume 4, Issue 2	10-15	October 2018.

	Applications							
Dr. Bimal Garg	Patch Antenna by Using Tunable Metamaterial for Dual Band Application	JOMET		ISSN: 2349-9001 (ONLINE),	-	Volume 5, Issue 3	20-24	September 2018.
Dr. Bimal Garg	Multi-Arm DGS-MIMO Antenna with A Neutral Line for 5G Applications	IJSCRS		--	-	Volume 4, Issue I	30-35	October 2018.
Dr. Bimal Garg	Wideband MIMO Antenna with Neutral Line Structure	IJRFD		--	-	Volume 4, Issue 2	16-23	October 2018.
Dr. Bimal Garg	Dual Substrate Shorted Microstrip Patch Antenna for Bandwidth Enhancement and RF Energy Harvesting Application	International Journal of Microwave Engineering and Technology	International	EISSN: 2455-0337	-	Volume 4, Issue 2	1-5	September 2018.
Dr. Bimal Garg	Shorted Microstrip Patch Antenna for RF Energy Harvesting Application	IJRFD			-	Volume 4, Issue 2	1-7	October 2018.
Dr. Bimal Garg	Quad-Band L-Shaped Slots Integrated Microstrip Patch Antenna for Radio Frequency Energy Harvesting Applications	International Journal of Microwave Engineering and Technology	International	EISSN: 2455 – 0337	-	Volume 4, Issue 2	1-10	October 2018.
Dr. Bimal Garg	Designing of RMPA of Double Band Antenna by Modified Interconnected SRR Metamaterial Structure	Journal of Electronic Design Engineering			-	Volume 4, Issue 3	15-20	October 2018.
Dr. Bimal Garg	Modification of Microstrip Antenna by Hexagonal Shaped Metamaterial for Wireless Applications	Journal of Microwave Engineering & Technologies		ISSN: 2349-9001	-	Volume 5, Issue 3	25-29	October 2018.
Dr. Bimal Garg	Designing of Circular Patch Antenna Modified by Metamaterial Structure	Journal of Telecommunication, Switching Systems and Networks		ISSN: 2454-6372	-	Volume 5, Issue 3	1-5	October 2018.
Dr. Bimal Garg	Designing of RMPA with Modified Metamaterial Structure	Journal of Electronic Design Engineering,			-	Volume 3 Issue 3	19-24	October 2018.

Dr. Bimal Garg	Designing of Microstrip Patch Antenna by using Circular SRR	Journal of Control and Instrumentation Engineering			-	Volume 4, Issue 3		Nov. 2018.
Dr. Bimal Garg, Dr. Sarthak Singhal	Square Micro Strip Antenna for Triple-Band Applications by Using Tunable Metamaterial	IJSCRS		--	-	Volume 4, Issue 2	1-7	August 2018.
Dr. Rekha Gupta, Dr. Vikas Mahor	Multiple Iteration DWT Based Image Compression Algorithm for PSNR Improvement	Journal of VLSI Design and Signal Processing		-	-	Volume 4	11-20	Nov. 2018
Dr. Rekha Guptar	Application of False Removal Algorithm Specially for Retinal Image with Exudates in Diabetic Retinopathy Detection	International Research Journal of Engineering and Technology (IRJET)	International	E-ISSN 2395-0056	-	Volume 5, Issue 10		Oct.- 2018
Dr. Rekha Gupta, Dr. Rahul Dubey	Improved Brain Tumor Detection Using Fuzzy Rules with Image Filtering for Tumor Identification	International Research Journal of Engineering and Technology (IRJET)	International	E-ISSN 2395-0056	7.211	Volume 5, Issue 9		Sept. 2018
Dr. Vandana Vikas Thakare	Microstrip Moisture Sensor Based on Microstrip Patch Antenna	Progress in Electromagnetic Research			-	Volume 76	177-185	2018
Dr. Vandana Vikas Thakare	Rice Moisture Detection Based on Oven Drying Technique Using Microstrip Ring Sensor	Engineering Vibration, Communication & Information Processing, (Springer)			-		99-103	2018
Dr. Vandana Vikas Thakare	Content Based Image Retrieval Using Color Histogram, Discrete Wavelet Transform and Canny Edge Detection	International Journal Of Digital Electronics	International		-			2018
Dr. Vandana Vikas Thakare	Various Approaches and Literature Based on CBIR : A Survey	Journal of Multimedia Technology & Recent Advancements			-	Volume 5, Issue 2	1-13	2018
Dr. Vandana Vikas	Review on Various Image	Journal of Multimedia			-	Volume	14-17	2018

Thakare	Fusion Techniques	Technology & Recent Advancements				5, Issue 2,		
Dr. Vandana Vikas Thakare	An Algorithm for the Enhancement of MRI and PET Brain Image Fusion	International Journal of Digital Electronics	International		-			2018
Dr. Vandana Vikas Thakare	Multimodal Medical Image Fusion Using Multi-Resolution Singular Value Decomposition	IET Signal Processing			-			2018
Dr. Vandana Vikas Thakare, Dr. Vikash Mahor	Modified IDCP Technique for Accurate Image Defogging	Journal of Radio And Television Broadcast		-	-	Volume 3	1-13	2018
Dr. Vandana Vikas Thakare, Dr. Vikash Mahor	A Survey on Image Defogging Using Various Techniques	Recent Trends in Parallel Computing		-	-	Volume 5	20-26	2018
Dr. Laxmi Shrivastava	Network Connectivity Analysis of VANET Using Fuzzy Logic Controller	International Journal of Applied Engineering Research	International	SCOPUS	-	Volume 13, Issue 11	9802-9806	2018
Dr. Laxmi Shrivastava	Performance Analysis of FANET Over Cloud With Variation of Protocol With Variation of Antenna of Flying Unmanned Air Vehicle (UAVS)	Journal of Network Security			-	Volume 6, Issue 1	8-14	2018
Dr. Laxmi Shrivastava	Network Connectivity Analysis of FANET Using Fuzzy Logic Controller	International Journal of Computer Technology and Applications (IJCTA)	International		-	Volume: 9, Issue 4	179-184	2018
Dr. Laxmi Shrivastava	Performance Analysis of Flying Ad- Hoc Network Over Building With Variation of Different Antenna and Variation of Node Speed Using Rayleigh Fading	International Journal of Broadband Cellular Communication	International		-	Volume: 4, Issue 2	1-7	2018
Dr. Laxmi Shrivastava	Performance Evaluation of Multiple Data Rates Flying Ad-Hoc Network Using	Journal of Telecommunication, Switching Systems and Network			-	Volume 5, Issue 2	08-14	2018

	Rayleigh Fading							
Dr. Laxmi Shrivastava	Performance Analysis of Flying Ad- Hoc Network (FANET) With Different Antennas Using Ricean Fading	Journal of Telecommunication, Switching Systems and Network			-	Volume 5, Issue 2	1-7	
Dr. Ravindra Pratap Narwaria	Comparison of FIR Filter Using Different Window Functions	International Research Journal of Engineering and Technology	International	E-ISSN: 2395-0056, P-ISSN: 2395-0072	7.211	Volume 5, Issue 10	634-637	Oct 2018
Dr. Ravindra Pratap Narwaria	Improved SAR Images Segmentation Approach Based on KFCM Techniques	Journal of Emerging Technologies and Innovative Research		ISSN: 2349-5162	-	Volume 5, Issue 11	60-65	Nov 2018
Dr. Ravindra Pratap Narwaria	A Survey Based on Images Segmentation For Various Approaches	Journal of Image Processing & Pattern Recognition Progress		ISSN: 2349-1995	-	Volume: 5, Issue 3	1-6	January 2019
Dr. Karuna Markam	Analysis of Active and Passive Mechanism for Image Forgery Detection	Journal of Emerging Technologies and Innovative Research (JETIR)		UGC/ ISSN-2349-5162	5.87	Volume 5, Issue 8,	427-433	August 2018
Dr. Karuna Markam	Performance Analysis of Kaiser-Hanning Window for Digital Filter Design	Journal of Emerging Technologies and Innovative Research (JETIR)		UGC/ISSN-2349-5162	5.87	Volume 5, Issue 10	634-640	October 2018
Dr. Karuna Markam	A Review Paper on Designing Fir Digital Filter Using Window Functions.	Journal of Emerging Technologies and Innovative Research (JETIR)		UGC/ISSN-2349-5162	5.87	Volume 5, Issue 11	518-521	November 2018
Dr. Karuna Markam	Review Paper on Study of Various Interleavers And Their Significance	Journal of Emerging Technologies and Innovative Research (JETIR)		UGC/ISSN-2395-0072	5.87	Volume 5, Issue 10	430-434	October 2018.
Dr. Karuna Markam	BER Improvement by Modified Interleaver Using Random & QPP Interleaver	Journal of Emerging Technologies and Innovative Research (JETIR)		UGC/ISSN-2349-5162	5.87	Volume 5, Issue 10,	14-18	October 2018.
Dr. Karuna Markam, Dr. Ashish Gupta	Analysis of BER Performance for DCO-OFDM In VLC System	International Research Journal of Engineering And Technology (IRJET)	International	E-ISSN: 2395-0056	7.211	Volume: 05 Issue: 08,	1762-1769,	Aug 2018
Dr. Karuna Markam, Dr. Ashish Gupta	A Study on Different Optical OFDM Using VLC System	Trends in Opto-Electro & Optical Communications		UGC/ISSN: 2231-0401	-	Volume: 08 Issue:	13-19	Aug 2018.

		(Online)				02		
Dr. Karuna Markam, Prof. Rakesh Naik	An Algorithm of the Shortest Path with Fuzzy Logic in Wireless Sensor Networks	International Research Journal of Engineering and Technology (IRJET)	International	E-ISSN: 2395-0056	7.211	Volume 5 Issue 9	135-141	Sep 2018
Dr. Karuna Markam, Prof. Rakesh Naik	Efficient Energy Based Clustering in Wireless Sensor Networks: A Survey	International Journal of Broadband Cellular Communication	International	EISSN: 2455-8532	-	Volume 4, Issue 2	1-6	2018
Prof. Madhav Singh	Analysis to find the Best MPSK Techniques to Get Minimum Probability Over Rayleigh and Nakagami-M Fading Channel	Journal of Emerging Technologies and Innovative Research (JETIR)		UGC/ISSN-2349-5162	5.87	Volume 5 Issue 12	202-207.	October 2018,
Prof. Madhav Singh	Analysis to find Optimum Value of Threshold to Improve Detection in Energy Based Spectrum Sensing Technique in Cognitive Radio	Journal of Emerging Technologies and Innovative Research (JETIR)		UGC/ISSN-2349-5162	5.87	Volume 5 Issue 10	202-207.	October 2018,
Prof. Madhav Singh	Two Set Phase Factor Optimization of PTS Technique for PAPR Reduction in OFDM System	Journal Of Emerging Technologies and Innovative Research (JETIR)		UGC/ISSN-2349-5162	5.87	Volume 5, Issue 10	224-230	October 2018
Prof. Madhav Singh	Analysis to Increase the Channel Capacity of MIMO System Over Nakagami-M Fading by Proposed Concept of Antenna Selection	IJRAR		(E- ISSN 2348-1269, P-ISSN 2349-5138).	-	Volume 5 Issue 3		September 2018
Dr. Vikash Mahor	A State-of-the-Art Current Mirror-Based Reliable Wide Fan-in FINFET Domino or Gate Design	Journal of Circuits, Systems, and Signal Processing (SPRINGER)		SCI/SCOPUS	2.1	Volume. 37	475-499	2018
Prof. Deepak Batham	Survivability Using Traffic Balancing and Backup Resource Reservation in Multi-Domain Optical Networks	International Journal of Communication Systems (WILEY)	International	SCI, SCOPUS	1.717	Volume 31, Issue 15.	1-22	October 2018
Prof. Abhilasha	Compressive Sensing	International Journal of	International	UGC	2.764	Volume	249-259	2018

Sharma		Engineering Technologies & Management Research				5		
Computer Science and Engineering/Information Technology								
Uday Pratap Singh, Sanjeev Jain, Rajendra Kumar Gautam, Akhilesh Tiwari	AFMBC for A Class of Nonlinear Discrete-Time Systems with Dead Zone	International Journal of Fuzzy Systems (Springer)	International	SCIE	2.39			2019
Prateek Pandey, Ratnesh Litoriya, Akhilesh Tiwari	A Framework for Fuzzy Modelling In Agricultural Diagnostics,	Journal Européen Des Systèmes Automatisés	International	SCOPUS	0.353	51	203-223	2018
Jamvant Singh Kumare, Priyanka Gupta, Uday Pratap Singh	An Efficient Contrast Enhancement Technique Based On Firefly Optimization	Soft Computing: Theories And Applications	International		-	742	181-192	2018
R Bhan, A Singh, R Pamula	Auction Based Scheme For Resource Allotment In Cloud Computing	Digital Business: Business Algorithms, Cloud Computing And Data Engineering" To Be Published From Springer, Germany.	International		-	21	119-141	2018
Deeksha Kushwah, Rajni Ranjan Singh Makwana,	An Approach to Meta-Alert Generation to Reduce Analyst Workload	International Journal of Communication System and Network Technology	International		-	7	7-13	2018
Sarika Tomar, Punit kumar johari,	Reversible data hiding using histogram shifting method: a critical review	International Research Journal of Engineering and Technology	International		7.211	5	753-762	2018
Syed Rameem Zahra, Mir Shahnawaz Ahmad,	PPLS: Personnel Presence Locator System – An Amalgam of RF Ranging & Zigbee in WSN	I.J. Wireless and Microwave Technologies	International		-	8	78-95	2018
Shalini Soni, Punit kumar Johari,	An Approach of K-means Clustering Based SVM ensemble for Image Retrieval	International Research Journal of Engineering and Technology	International		7.211	5	2486-2496	2018
Ankita Tomar, R K	A Review of DM approaches	International Journal of Technical	National		-	4	10	2018

Gupta,Khushboo Agarwal	for Predicting student's Performance	Innovation in Modern Engineering & Science							
Gargi Singhal,Abhilash Sonker	Ensemble voting approach for Phishing website prediction by using Random tree & bf-tree classifier	International Journal of Research and Analytical Reviews	International	-	-	5	159-166	2018	
akanchha, Jaimala Jha	A noel method to improve data hiding capacity in an image	IJSART	International	-	-	4	142-145	2018	
Modigari Narendra , M L Valarmathi , and L Jani Anbarasi	Secured Watermarked Multi Secret Sharing Scheme of 3D Models	International Journal of Clinical & Medical Informatics		-	-	1	18-28	2018	
Pragati Sharma and Sanjiv Sharma	Mining Educational Data using Filter based Feature Selection Method	International Journal for Research in Applied Science & Engineering Technology	International	-	-	6	304-312,	2018	
Abhishek Bajpai and Sanjiv Sharma	An Expert System for Type-2 Diabetes Mellitus Risk Stratification: Data Mining Techniques	International Journal for Research in Applied Science & Engineering Technology	International	-	-	6	448-460	2018	
Deepika Tyagi and Sanjiv Sharma	An Expert System for Credit Risk Stratification using Data Mining	International Journal for Research in Applied Science & Engineering Technology	International	-	-	6	293-303	2018	
Elisa Cuadrado- Godia, Pratistha Dwivedi, Sanjiv Sharma, Angel Ois Santiago,a Jaume Roquer Gonzalez, Mercedes Balcells, John Laird, Monika Turk, Harman S. Suri, Andrew Nicolaidis, Luca Saba, N. N. Khanna, Jasjit S. Suri	A Focus on Pathophysiology, Biomarkers, and Machine Learning Strategies in Cerebral Small Vessel Disease	Journal of Stroke	International	-	-			2018	

Pragati Sharma and Sanjiv Sharma	Data Mining Techniques For Educational Data: A Review.	International Journal of Engineering Technologies and Management Research	International	-	-		166-177	2018
Abhishek Bajpai and Sanjiv Sharma	Big Data Analysis In Health Care Domain: A Systematic Review	International Journal of Engineering Technologies and Management Research	International	-	-		1-8	2018
Deepika Tyagi and Sanjiv Sharma	An Approach To Crime Data Analysis: A Systematic Review	International Journal of Engineering Technologies and Management Research	International	-	-		67-74	2018
Neelam Mishra , Hemant Kumar Soni, Sanjiv Sharma , A.K. Upadhyay	Development and Analysis of Artificial Neural Network Models for Rainfall Prediction by Using Time-Series Data	I.J. Intelligent Systems and Applications	International	-	-		16-23	2018
Syed Rameem Zahra, Mir Shahnawaz Ahmad,	PPLS: Personnel Presence Locator System – An Amalgam of RF Ranging & Zigbee in WSN	I.J. Wireless and Microwave Technologies	International	-	-	8	78-95	2018
Mir Shahnawaz Ahmad, Syed Rameem Zahra	SDRED: Smart Data Retrieval Engine for Databases	I.J. Information Technology and Computer Science	International	-	-	6	1-10	2018
Mir Shahnawaz Ahmad, Syed Rameem Zahra	A Diffie-Hellman and Two Step Verification based Secure Cloud Computing Paradigm	International Journal of Computer Networks and Applications (IJCNA)	International	-	-	5	22-31	2018
Bhumika Dahat, Nishchol Mishra, Santosh Sahu	Hybrid KP-ABE Algorithm with Time Bounded Access Control for Cloud Data Security	I. J. Computer Network and Information Security	International	-	-	10(11)	1-8	2018
Deepika Tomar, Manish Dixit	Detection of Image Tempering: An Exhaustive Survey	Journal of Open Source Developments	International	-	-	5	1-9	2018
Deepika Tomar, Manish Dixit	Improved Approaches of Image Forgery Detection using SURF and 4-level DWT	International Journal of Image Processing and Pattern Recognition		-	-	4		2018
Mayank Kulshrestha, Manish Dixit	Research and Development in Image Steganography : A	IJCSNT	International	-	-	7		2018

	Review								
Juhi Punhani , Manish Dixit	Content Based Image Retrieval using Color, Texture and Shape: A Review	IJCSN	International	-	-	8			2018
Chemical Engineering									
Prof. S.R. Geed, Dr. K. Samal	Study the Performance of Continuous Bioreactor for the Treatment of Wastewater Containing Methyl Parathion by Isolated Alcaligenes Species	Journal of Environmental Chemical Engineering	International	-	-	7(3)	-		2019
Dr. K. Samal	Extracted Waste Biomass of Sapindus Mukorossi for Adsorption of Methyl Violet Dye in Aqueous System.	Surfaces and Interfaces	International	-	-		166-174		2019
Prof. A.P. Jacob	Waste Water Treatment by Tea Waste, Alum, Pre- Aluminium Chloride	International Research Journal of Engineering and Technology	International	-	6.171		1-2		2018
Prof. Anish P Jacob	Graphene in Nano Solar Cell	International Journal of Advanced Engineering Science and Technological Research	International	-	-		115-118		2018
Prof. R. K. Dubey	Roping : Is it an Optimum Dewatering Performance Condition in A Hydrocyclone?	Powder technology	International	-	-		218-231		
Prof. S.R. Geed	Biodegradation of Wastewater in Alternating Aerobic-Anoxic Lab Scale Pilot Plant by Alcaligenes Sp. S3 Isolated from Agricultural Field	Journal of Environmental Management	International	-	-		408-415.		2018
Prof. S.R. Geed	Novel Study on Biodegradation of Malathion and Investigation of Mass Transfer Correlation Using Alginate Beads Immobilized Bacillus Sp. S4 in Bioreactor	Journal of Environmental Chemical Engineering	International	-	-		3444- 3450		2018
Biotechnology									
Jatav, S Sharma	m Cells: An Approach for Treatment of Atherosclerosis	an Journal of Pharmaceutical and Clinical Research	International	0.52	0.52	11	55-58		2018
kha Jha and Sharad Verma	Silico Studies on The Potential of Polyphenols to Inhibit OSPG to Prevent Invasion of	TA Journal of Biosciences	International	0.6	0.6	06	46-50		2018

	gella Spp.							
Humanities								
Dr Valiur Rahaman	Critical Pedagogy in Digital Era : Understanding the Importance of Arts & Humanities for Sustainable IT Development accepted to be published by the CRC, Taylor & Francis Group (USA)	TEQIP III Seminar at AICTE		-	-			
Dr Garima Singh Baghel	Published Amrita Pritam's <i>Pinjar An Epitome of Violence against Women</i>	Literary Herald: An International Referred eJournal		-	-	2454336 5, IJIF: 3.019		
Applied Sciences								
Kumar Jitendra and Shinde Vikas	Performance Evaluation Bulk Arrival And Bulk Service With Multi Server Using Queue Model	International Journal of Research in Advent Technology	International	E-ISSN: 2321-9637	-	Vol. 6(11)	pp. 3069-3076	Nov. 2018
Shinde Vikas	Channel Allocation Scheme For Cellular Network Using Fuzzy Logic	Asian Journal of Engineering and Applied Technology	National	-		Vol. 7 No. 1	pp.74-77.	2018
Shinde Vikas	Production System with repair and optimal maintenance policy	International Journal of Mathematics and its Application	International	-		Vol. 6(1-D)	pp. 763-771	2018
Shinde Vikas	A Review of Maintenance Policies for Manufacturing Units	International Journal of Scientific Research and Reviews	International	-		Vol. 7, Issue 3	pp. 1-15	2018
Mishra, D. K., Shinde, Vikas, Kamal Wadhwa and Sanjay Chaudhary	Convergence study of Biogeography based optimization algorithm	Asian Journal of Computer Science and Technology	National	-		Vol. 7, No. 3	pp. 33-38.	2018
Kumar Jitendra, Shinde Vikas	Call Admission Control Scheme For Cellular Wireless Network Using Queueing Model.	proceeding in CCIS 899 (<i>Computer and Network Technologies</i>)	National	https://doi.org/10.1007/978-981-13-2035-4_11 .		Springer Nature, Singapore Pvt. Ltd	page 117-129,	2018
Altaf Ahmad, Renu Jain, D. K. Jain	Certain Results of (p, q)-Analogue of I-Function with (p, q)- Derivatives, J p 2018 .	Jnanabha (Vijnana Parishad of India)	National	ISSN:0304-9892		Special Issue, 2018	pp. 37-44	
Altaf Ahmad, Renu Jain, D. K. Jain,	Generating q-analogue of I-Function Satisfying	Asian Journal of Mathematics and Statistics	National	ISSN: 1994-5418		2018	DOI 10.3923/	2018

	Truesdell's Ascending Fq-Equation						ajms	
Renu Jain, Altaf Ahmad, & D. K. Jain	Some Generating Functions of q-Analogue of Mittag-Leffler Function and Hermite Polynomial Satisfying Truesdell's Ascending and Descending Fq-Equation	GAMS Journal of Mathematics and Mathematical Biosciences	National	ISSN: 0974-2689		Vol. 6 (a) Dec. 2018	pp. 18-23.	2018
Shourabh Bhattacharya	Analysis Of Lighting Events Using Data Collected From Time Of Group Arrival (TOGA) Technique	International Journal of Modern Trends in Engineering and Science	International	ISSN: 2348-3121		Vol. 05(08)	p.17-22	2018
Anjula Gaur	Adsoptive removal of Methylene Blue (MB) onto an environmental friendly Biosorbent prepared from pongamia pinnata pod shell (Karanj Tree)	International Journal of Innovative Research Explorer	International	ISSN: 2347-6060		Vol.5 Issue 11		2018
R. Nitish, Deobrat Singh, Supriya Kar	CFT ₆ Bulk/Boundary AdS ₅ Correspondence and Emergent Gravity	Physica Scripta	International	SCI DOI: https://doi.org/10.1088/1402-4896/ab144e , arXiv:1612.010657	2			2019
Deobrat Singh, Supriya Kar,	emergent D-Instanton as a source of Dark Energy	Brazilian Journal of Physics	International	SCI ArXiv:1811.01330v1, DOI: 10.1007/s13538-019-00635-y				(2019),
Deobrat Singh	Six Dimensional Schwarzschild Brane Universe Sourced By Torsion	International Journal of Scientific Research And Reviews	International	UGC		Vol. 8 , Issue 1		Jan.-Mar. 2019
Vivek Sahai, Ashish Verma	ite summation formulas of Srivastava's general triple hypergeometric function	an-European Journal of Mathematics	International	1950020		Vol. 12, No. 1	15 pages	2019

Naseer Ahmad Malik, Farooq Ahmad and D.K. Jain	Representations of Dirichlet Averages of Generalised R-Function with Classical as well as Quantum Fractional Integrals, Universal Review	Universal Review	International	Online ISSN: 2277-2726, Print ISSN: 2277-2723		Vol.10 (6)	p. 167-17	June 2019
Naseer Ahmad Malik, Farooq Ahmad and D.K. Jain	The Classical Laplace Transform and its q- Image of the Wright type Hypergeometric function	International Journal of Research and Analytical Reviews (IJRAR)	International	Online. ISSN: 2348-1269, Print ISSN: 2349-5138		Vol.6 (2)	p. 1006-1012,	May 2019
Naseer Ahmad Malik, D.K. Jain and Farooq Ahmad	A Note on q-Saigo's Fractional Integral Inequalities	International Journal of Research and Analytical Reviews (IJRAR)	International	Online ISSN: 2348-1269, Print ISSN: 2349-5138.		Vol.6 (2)	p. 986-990	May 2019
Naseer Ahmad Malik, Farooq Ahmad and D.K. Jain	Quantum Operators and Their Integral Inequalities	International Journal of Research and Interdisciplinary Research and Innovations	International	Online ISSN: 2348-1226, Print ISSN: 2348-1218.		Vol.7 (2)	p.401-403	April-June 2019
Naseer Ahmad Malik, D.K. Jain: and Farooq Ahmad	Dirichlet Averages of Wright-Type Hypergeometric Function	Journal of Computer and Mathematical Sciences,	National	Online. ISSN: 2319-8133, Print ISSN: 0976-5727		Vol.10 (6)	p. 1223-1228	June 2019,
Jitendra Kumar and Vikas Shinde	Study of Traffic Congestion Flow using Queueing Model	anabha	National	Print ISSN:0304-9892, Online ISSN: 2455-7463		Vol.49 (1)	p. 11-25,	2019
Vikas Shinde	Avalibility Analysis for Estimation of Repair rate of Performance based Logistic under Operating Conditions	Journal of Reliability and Statistical Studies	National	Online ISSN: 2229-8024, Print ISSN: 0974-8024		Vol. 12 (1)	p.65-78	June 2019
Architecture								
Dr. Alok Sharma	Development of Informal Market: A Case of Morar Gwalior city	IJIRMP	International	-	43	Volume6 , Issue 4	659-663	July Aug, 2018
Dr. Alok Sharma	Energy Efficient Buildings	RMPS	International	-		Volume 6, Issue 04	ISSN: 2349-7300	2018
Dr. Alok Sharma	Transit Oriented Development	RMPS	International	-		Volume 6, Issue 4	2018 ISSN: 2349-	2018

							7300	
Dr. Sanjay Singh Jadon	Traffic Conjunction – Causes And Solutions : A Study Of Maharajbada, Gwalior	ET	International	-	11	Volume 5 Issue 8	1271-1277	August 2018
Dr. Sanjay Singh Jadon	Urban Infrastructure Up Gradation of Old City Core : Hazira, Gwalior	ET	International	-	11	Volume 5, Issue 12	1585-1591	Dec, 2018
Dr. Sanjay Singh Jadon	Decentralized Waste Management : Analysis for Residential Localities of Gwalior City	ET	International	-	11	Volume 05 Issue 06		June 2018
Ar. Richa Maisra	Faith Shaping the Landscape T at the International A Case Study of Chitrak symposium Pilgrimage Cities & Cultural Landscapes of Asia and Prospects for Sustainable Tourism Under the Aegis of the 7-ACLA, Asian Cultural Landscape Association with the Cultural Collaboration of IGU Commission C16.07, Ayodhya Sodh Sansthan	At the International Symposium Pilgrimage Cities & Cultural Landscapes of Asia and Prospects for Sustainable Tourism Under the Aegis of the 7-ACLA, Asian Approach in Geography (Dept. of Culture, Govt. of U.P.) Ayodhya	International Symposium	Organized By Dr. R.M.L. Avadh University, Faizabad, UP				23-26 October 2018
Ar. Richa Maisra	Need for incorporating - culturally responsive planning in ancient Indian towns: A case of Chitrakut at National Seminar on Culture as a fourth pillar of Sustainable Rejuvenation of Culturally Development held on Significant Cities	Indira Gandhi National Centre for the Arts, New Delhi organized by Vastu Kala Academy, College of Architecture, New Delhi and Indira Gandhi National Centre for the Arts (IGNCA), New		-				10 th - 11 th November 2018
Ar. Richa Maisra	Tourism As A Medium For Social And Economic Regeneration: A Case Of Small Historic Town, Morena, Madhya Pradesh	International Journal for Scientific Research and Development,	International	-		6.4, Volume Vi Issue 4	(Pp. 20-23).	June 2018

BOOKS/BOOK CHAPTERS PUBLISHED

S.No.	Name of Author(s)	Title of Book Chapter/eBook Published	Publisher	ISBN/EISBN
Civil Engineering				
1.	Chetan Sharma and C.S.P. Ojha	Statistical Parameters of Hydrometeorological Variable: Standard Deviation, SNR, Skewness and Kurtosis, Advances in Water Resources and Management	Springer	under proof reading
Mechanical Engineering				
1.	M.K.Gaur, G.N Tiwari, Anand Kushwah, Anil kumar, Gaurav Saxena	Integrated PVT Hybrid Active Solar Still (HASS) with a optimized number of Collectors	Springer	
2.	Sourabh Singh Kushwah, Dinesh Kumar Kasdekar and Sharad Agrawal	Mathematical and Prediction Modelling of Material Removal Rate for Evaluating the Effects of Process Parameters	Springer Nature Singapore Pvt. Ltd.	
3.	Amit Aherwar, Amit Singh, Amar patnaik, Deepak Rajendra Unune	"Selection of Molybdenum-Filled Hip Implant Material Using Grey Relational Analysis Method, Handbook of Research on Emergent Applications of Optimization Algorithms"	IGI Global	ISBN13: 9781522529903
4.	Manoj K. Gaur, Sumeet K. Singh, Akash Sood and Dharamveer S.	"Experimental Investigation of Physical and Tribological Properties of Engine Oil with Nano-particles Additives"	"DSMIE 2018, LNME, Springer International Publishing AG"	
5	Deepak Rajendra Unune, Amit Aherwar	"A Multi Objective Genetic Algorithm-Based Optimization of Micro-Electrical Discharge Drilling : Enhanced Quality Micro-Hole Fabrication in INCONEL 718, Handbook of Research on Emergent Applications of Optimization Algorithms"	IGI Global	ISBN13: 9781522529903
Electrical Engineering				
1.	Vishal Choudhry, Hari Mohan Dubey, and Manjaree Pandit	Water Cycle Optimization for Non Convex Economic Dispatch, Advanced Engineering Optimization Through Intelligent Techniques	Springer	Accepted for Publication
2.	Anand Singh Tomar, Hari Mohan Dubey, and Manjaree Pandit	Multiobjective Economic Emission Dispatch with Cubic Cost Function using Spider Monkey Optimization and TOPSIS, Advanced Engineering	Springer	Accepted for Publication

		Optimization Through Intelligent Techniques.		
Computer Science and Engineering/Information Technology				
1.	Vishakha Agarwal, Akhilesh Tiwari, R.K. Gupta, Uday Pratap Singh	The Conceptual and Architectural Design of Genetic Based Optimal Pattern Warehousing System.	CRC Press, Taylor and Francis Group	9781138082168
2.	Jitendra Kumar, Vikas Shinde, Punit Johari	Call Admission Control Scheme for Cellular Wireless Network using Queuing Model	Springer	9789811320354
3.	Rajeev Goyal, Arvind K Upadhyay, Sanjeev Sharma	Trust Prediction Using Ant-Colony Optimization and Particle Swarm Optimization in Social Network	Springer	9789811322853
Applied Sciences				
1.	Dr. D K Jain	<i>Engineering Mathematics –II, Pages 512, (for Second Semester RGPV students)</i> According to New Scheme based on AICTE Flexible Curricula.	Shriram Prakashan Gwalior	First Edition 2019 ISBN 978-93-82077664

CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR OF JOURNALS

S. No.	Name of Faculty	Google Scholar			Scopus		Research Gate	Any other Standard Indexing
		Citations	h-index	i10-index	Citations	h-index	Citations	
Civil Engineering								
1.	Aditya K Agarwal	3	1					
2.	Gautam Bhadoriya	2	1					
3.	Almas Siddiqui	5	1					
4.	S. K. Jain	227	9	8	71	5		
5.	Pankaj Kumar	5	2		7	3	7	
6.	Sanjay Tiwari	10	2					
7.	Chetan Sharma	1	1					
Mechanical Engineering								
1.	Dr. Manoj Gaur	156	2				162	
2.	Dr.Pratesh Jayaswal	338	6	10	7	3	180	
3.	Dr. C.S Malvi	126	5	2	7	3	85	
4.	Dr. Manish Sagar	23	2				14	
5.	Prof. Vedansh Chaturvedi	251	9	9			68	
6.	Dr. Jyoti Vimal	152	8	7			45	
7.	Prof. Dinesh Kasdekar	23	2		6	1	20	
8.	Prof. Sharad Aggarwal	13	2				20	
9.	Prof.Vaibhav Shivhare	16	3				-	
10.	Dr. Amit Aherwar	145	6	5	11	4	95	
11.	Dr. Dharmendra Jain	20	3					
12.	Prof. Shubham shrivastava	7	1					
13.	Dr. Amrat Kumar Dhamneya	6	2	4				
14.	Dr. Naresh Kumar Raghuwanshi	89	5	3		6	4	
15.	Prof. Puneet Kumar Nema	5	1	2				
16.	Prof. VikasYadav	38	2	1	32			

17.	Prof. Manish Sharma	6	1					
18.	Prof. Neeraj Mishra	4	1		6			
19.	Prof. Hemlata Sahu	11	1					
20.	Prof. Vikas Agarwal	1	1					
Electrical Engineering								
1.	Dr. Laxmi Srivastava	2167	23	54	1430	20	1,634	
2.	Dr. Manjaree Pandit	1949	21	37	1292	19	1,487	
3.	Dr. A. K. Wadhvani	407	10	10	191	6	204	
4.	Dr. Sulochana Wadhvani	290	10	11	50	5	147	
5.	Dr. Harimohan Dubey	531	13	17	255	7	373	
6.	Dr. Shishir Dixit	125	6	5	32	4	434	
7.	Prof. Rakesh Narvey	74	3	2			16	
8.	Prof. Himmat Singh	128	7	3	67	3	70	
9.	Dr. Vijay Bhuria						6	
10.	Prof. Kuldeep Kumar Swarnkar	104	6	4			38	
11.	Prof. Praveen Bansal	14	2		2	1	14	
12.	Prof. Vishal Chaudhary	29	2	1	28	2	7	
13.	Prof. Saurabh Kumar Rajput						8	
14.	Prof. Vikram	5	2		6	2	7	
15.	Prof. Rahul Sagwal	2	1				1	
16.	Prof. Bhavna Rathore	14	2		9	2	9	
Electronics Engineering								
1.	Dr. P. K. Singhal	777	12	10				
2.	Prof. Pooja Sahoo	1	1					
3.	Dr. Vandana Vikas Thakare	13	6	5				
4.	Bimal Garg	225	8	6	5	3	6.74	
5.	Dr. Ravindra Pratap Narwaria	58	5	2				
6.	Prof D. K. Parsediya	47	3	2			29	
7.	Dr. Vikas Mahor	30	4				6.2	
8.	Deepak Batham	16	2				10	
9.	Dr. Laxmi Shrivastava	373	11	12				
10.	Abhilasha Sharma	2	1					

11.	Ranbeer Tyagi	37	4	1			39	
12.	Akanksha Gupta	2	1					
13.	Dr Karuna Markam	7	1				03	
12.	Dr Rahul Dubey	27	4	1	14	2		
13.	Pratigya Pathak	2	1					
14.	Aruna Chouhan	1	1					
CSE/IT								
1.	Dr. Manish Dixit	201	7	6				
2.	Dr. Akhilesh Tiwari	182	7	5				
3.	Mr. Rajeev Kumar Singh	120	5	3			65	
4.	Mr. Punit Kumar Johari	70	4	2	3	1	42	
5.	Mr. Sanjeev Sharma	87	5	2				
6.	Mr. Sheo Kumar	182	2	2				
7.	Mr. Santosh Sahu	92	4	3			29	
8.	Mr. Vikas Sejwar	36	3	1				
9.	Mr. Rajni Ranjan Singh Makwana	35	4		7	1		
10.	Ms. Neha Bhardwaj	21	2	1				
11.	Ms. Jaimala Jha	15	3					
12.	Mr. Mahesh Parmar	18	3		5	1	19	
13.	Mr. Jamvant Singh Kumare	13	2					
14.	Mr. Amit Kumar Manjhvar	11	1					
15.	Mr. Abhilash Sonker	6	1					
16.	Ms. Khushboo Agrawal	3	1					
17.	Ms. Sonu Lamba	14	2					
18.	Mr. Modigari Narendra	11	2		5	2		
19.	Ms. Pooja Agrawal	9	1					
20.	Ms. Juhi Pruthi	9	1					
21.	Ms. Nishtha Parashar	6	1				3	
22.	Mr. Abhishek Dixit	4	1				1	
23.	Mr. Mohit Jain	2						
24.	Mr. Ratibhan	2	2		2	1	1	
25.	Ms. Pallavi Gupta	1	1					

26.	Dr. R.K. Gupta	13	1	1				
27.	Ms. Kirti Gaur	4						
Chemical Engineering								
1.	Dr. Antaram Sarve	60						
2.	Prof. S. R. Geed	65						
Biotechnology								
1.	Sunita Sharma	106	6	5			45	
2.	Vinod Jatav	13	2		4	1		
Applied Sciences								
1.	Dr. D.K. Jain	15	2				8.49	
2.	Dr. Anjula Gaur	3	1					
3.	Dr. Shourabh Bhattacharya	88	4	3				
4.	Dr. V P Shinde	20	2	1			6.22	
5.	Dr. Deobrat Singh	15	2					
6.	Dr. Prachi Sharma	8	2					
7.	Dr. Hansnath Tiwari						6.8	
8.	Dr. Ashish Verma	14	3					

FACULTY ATTENDED TRAINING/CONFERENCE/WORKSHOP ETC.

S. No.	Name of Faculty	Name of Event	Event Venue	Date(s)	Duration
Civil Engineering					
1	R.Kansal	Environment Safe Guards	SGSITS, Indore	11 th Jan 2019	01 Day
2	Chetan Sharma	American Geophysical Union	WASHINGTON DC	10-14 December 2018	5 Days
3	Mohit Aggarwal	International Workshop on Networking of Technology and Education for Sustainable Development	Delhi Technological University, Delhi	12 th October,2018	01 Day
4	Mohit Aggarwal	National Workshop on Advanced Manufacturing Systems	MIT, Gwalior	27 th to 28 th October,2018	02 Days
5	Gautam Bhadoria	Advanced Optimisation Techniques	MIT, Gwalior	16 th to 17 th 2018	02 Days
6	Pranjul Rajput	Advanced Optimisation Techniques	MIT, Gwalior	16 th to 17 th 2018	02 Days
7	Manish Kumar Sharma	Advanced Optimisation Techniques	MIT, Gwalior	16 th to 17 th 2018	02 Days
8	Shyamveer Singh Chauhan	Advanced Optimisation Techniques	MIT, Gwalior	16 th to 17 th 2018	02 Days
9	Wajid Hussain	Advanced Optimisation Techniques	MIT, Gwalior	16 th to 17 th 2018	02 Days
10	G. Bhadoriya	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
11	A.K. Agrawal	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
12	Pankaj Kumar	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
13	Chetan Sharma	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
14	Nupur Verma	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
15	Pratibha Singh	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
16	Shivam Gupta	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
17	Shivendra S. Kushwah	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
18	Gagan Mudgal	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
19	Priyank Goyal	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
20	Anand Kumar R	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
21	Nishi Gangwar	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
22	Almas Siddiqui	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
23	Mohit Aggarwal	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
24	Sourabh Kakani	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
25	Shashank Sharma	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
26	Shyamveer S. Chauhan	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
27	Pranjul Rajput	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day

28	Manish Kumar Sharma	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
29	Wajid Hussain	Disaster : Risk & Management	MIT, Gwalior	11 th Oct 2018	01 Day
30	Gautam Bhadoria	Sustainable Development : Methods and Practice	MIT, Gwalior	21-25 Feb 2019	05 Day
Mechanical Engineering					
1	Prof. Krishan Kumar Yadav	Teachers Training Program	NITTTR, Chandigarh	25-02-2019 to 01-03-2019	5 Days
2	Prof. Ajay Singh Rajput	Teachers Training Program	NITTTR, Chandigarh	25-02-2019 to 01-03-2019	5 Days
3	Prof. Vedansh Chaturvedi	STC	IITBHU, Varanasi	22-02-2019 to 28-02-2019	5 Days
4	Prof. Vaibhav Shivhare	GIAN	IIT, Delhi	14-01-2019 to 18-01-2019	5 Days
5	Dr. Jyoti Vimal	GIAN	IIT, Delhi	14-01-2019 to 18-01-2019	5 Days
6	Prof. Sharad Agarwal	Summer Training Program	IIT, Kharagpur	04-01-2019 to 08-01-2019	5 Days
7	Prof. Dinesh Kasdekar	Summer Training Program	IIT, Kharagpur	04-01-2019 to 08-01-2019	5 Days
8	Prof. Utkarsh Srivastav	STC	IITBHU, Varanasi	29-10-2018 to 03-11-2018	5 Days
9	Prof. Sharad Agarwal	FDP	IITDM, Jabalpur	13-10-2018 to 17-10-2018	5 Days
10	Prof. Dinesh Kasdekar	FDP	IITDM, Jabalpur	13-10-2018 to 17-10-2018	5 Days
11	Dr. M.K. Sagar	DIP-STC	IITBHU, Varanasi	8-10-2018 to 13-10-2018	5 Days
12	Prof. Manish Sharma	STC	IIT, Delhi	02-03-2019 to 06-03-2019	5 Days
13	Neeraj Mishra	STC	NIT, Jalandhar	17-12-2018 to 22-12-2018	5 Days
14	K.K. Yadav	FDP	NITTTR, Chandigarh	25-02-2019 to 01-03-2019	5 Days
15	Dr. C.S. Malvi	STC	NITTTR, Bhopal	13-05-2019 to 17-05-2019	5 Days
16	Mayank Ahirwar	STC	IIT, Roorkee	02-04-2019 to 06-04-2019	5 Days
17	Dhruv Maggu	STC	IIT, Indore	08-04-2019 to 12-04-2019	5 Days
Electrical Engineering					
1	Dr. Laxmi Srivastava	Professional development programme	IIM, Kozhikode	28-Jan – 01-Feb 2019	One week
2	Dr. Laxmi Srivastava	Training Programme on Renewable Energy Generation - Integration with Grid and Storage Batteries	Engineering Staff College of India (ESCI), Hyderabad	05 – 08 June 2018	One week
3	Dr. Laxmi Srivastava	Advanced Optimization Techniques and Research Directions	MIT, Gwalior	16-17 Nov, 2018	Two days
4	Dr. Manjaree Pandit	Professional development programme	IIM, Kozhikode	28-Jan – 01-Feb 2019	One week
5	Dr. Manjaree Pandit	Training Programme on Renewable Energy Generation - Integration with Grid and Storage Batteries	Engineering Staff College of India (ESCI), Hyderabad	05 – 08 June 2018	One week
6	Dr. A.K. Wadhvani	Short Term Training Course on Advanced Biological and Chemical Understanding of Disease and Therapeutics	IIT, Indore	22-24 June 2018	Three days
7	Dr. A.K. Wadhvani	Summer Training Programme on Active	IIT, Indore	18-22 June 2018	One week

		Learning for Senior Faculty			
8	Prof. Ashish Patra	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
9	Prof. Ashish Patra	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
10	Prof. Ashish Patra	How to write Patent	MITS, Gwalior	21.7.2018	One day
11	Prof. Ashish Patra	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
12	Prof. Ashis Patra	Short term course on Assuring Global Quality in Technical Education Through Outcome Based Education	MITS, Gwalior	10-14 March 2018	One Week
13	Prof. Ashis Patra	Short term course on Optimization Technique And its Engineering Applications	MITS, Gwalior	15-19 March 2018	One Week
14	Prof. Ashis Patra	Workshop on Digital Judiciary	MITS, Gwalior	15-April 2018	One day
15	Dr. Sulochana Wadhwan	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
16	Dr. Sulochana Wadhvani	Workshop on Outcome Based education for engineering programs	AICTE, New Delhi	08-09 February 2018	Two days
17	Dr. Sulochana Wadhvani	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
18	Dr. Hari mohan dubey	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
19	Dr. Hari mohan dubey	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
20	Dr. Hari mohan dubey	How to write Patent	MITS, Gwalior	21.7.2018	One day
21	Dr. Shishir Dixit	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MITS, Gwalior	13-17/ Feb 2019	One week
22	Dr. Shishir Dixit	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
23	Dr. Shishir Dixit	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
24	Dr. Shishir Dixit	How to write Patent	MITS, Gwalior	21.7.2018	One day
25	Dr. Shishir Dixit	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
26	Dr. Shishir Dixit	Short term course on Optimization Techniques and its Engineering Applications	MITS, Gwalior	15-19 March 2018	One Week
27	Prof. Rakesh Narvey	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days

28	Prof. Rakesh Narvey	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
29	Prof. Rakesh Narvey	How to write Patent	MITS, Gwalior	21.7.2018	One day
30	Prof. Rakesh Narvey	Workshop on “Effective Techniques of Question Paper Setting: An Outcome Based Education Approach”	MITS, Gwalior	07-08 February 2018	Two day
31	Prof. Rakesh Narvey	Short term course on Emerging trends in Internet of things (IOT) and Cyber Security Applications in Smart Grid.	DTU, New Delhi	12 – 16 March 2018	One week
32	Prof. Himmat Singh	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MITS, Gwalior	13-17/ Feb 2019	One week
33	Prof. Himmat Singh	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
34	Prof. Himmat Singh	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
35	Prof. Himmat Singh	How to write Patent	MITS, Gwalior	21.7.2018	One day
36	Prof. Himmat Singh	Short term course on Fundamentals of Robotics and Artificial Intelligence under TEQIP-III	IIT, Guwahati	04-08 Feb-2019	One week
37	Prof. Himmat Singh	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
38	Prof. Himmat Singh	GIAN course on Sustainability in The Built Environment	MITS, Gwalior	19-30 March 2018	Two Week
39	Dr. Vijay Bhuria	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
40	Dr. Vijay Bhuria	Short term course on Fundamentals of Robotics and Artificial Intelligence under TEQIP-III	IIT Guwahati	04-08 Feb-2019	One week
41	Dr. Vijay Bhuria	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
42	Dr. Vijay Bhuria	How to write Patent	MITS, Gwalior	21.7.2018	One day
43	Dr. Vijay Bhuria	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
44	Dr Vijay Bhuria	South Asian Community Volunteer Conference (SA CVC 2018)	Mahabalipuram, CHENNAI	2-3 February 2018	Two days
45	Dr Vijay Bhuria	Short term course on Assuring Global Quality in Technical Education Through Outcome Based Education	MITS, Gwalior	10-14 March 2018	One week

46	Dr Vijay Bhuria	Short term course on Optimization Techniques and its Engineering Applications	MITS, Gwalior	15-19 March 2018	One week
47	Dr Vijay Bhuria	GIAN course on Sustainability in The Built Environment	MITS, Gwalior	19-30 March 2018	Two week
48	Prof. Kuldeep Swarnkar	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
49	Prof. Kuldeep Swarnkar	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
50	Prof. Kuldeep Swarnkar	How to write Patent	MITS, Gwalior	21.7.2018	One day
51	Prof. Kuldeep Swarnkar	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
52	Prof. Kuldeep Swarnkar	Workshop on “Effective Techniques of Question Paper Setting: An Outcome Based Education Approach”	MITS, Gwalior	07-08 February 2018	Two days
53	Prof. Kuldeep Swarnkar	AICTE-QIP Sponsored Short Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education”	MITS, Gwalior	10-14 March 2018	One week
54	Prof. Praveen Bansal	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
55	Prof. Praveen Bansal	One Week short term course Resilient Power Grid Operation Using Synchrophasor Technology: A Smart Grid Operation Perspective	Delhi Technological University	December 17-21 ,2018	One Week
56	Prof. Praveen Bansal	National IEEE Workshop on Power Electronics in Smart Grid & Optimal Power Trading Mechanism	Delhi Technological University	November 03	One day
57	Prof. Vishal Chaudhary	21 st ISTE National Students’ “Convention on Empowering India Through Innovations”	L. D. College of Engg., Ahmadabad	29-30 Jan-2019	Two days
58	Prof. Vishal Chaudhary	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
59	Prof. Vishal Chaudhary	How to write Patent	MITS, Gwalior	21.7.2018	One day
60	Prof. Vishal Chaudhary	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
61	Prof. Vishal Chaudhary	Short Term Course on “Advanced Optimization Techniques for Engineering Applications”	NIT, Kurukshetra, Haryana	13-17 January 2018	One week
62	Prof. Vishal Chaudhary	AICTE Sponsored Short Term Course on “Numerical Methods in Electromagnetics”	MITS, Gwalior	27-31 January 2018	One week
63	Prof. Vishal Chaudhary	Workshop on “Effective Techniques of	MITS, Gwalior	07-08 February 2018	Two days

		Question Paper Setting: An Outcome Based Education Approach”			
64	Prof. Vishal Chaudhary	AICTE-QIP Sponsored Short Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education”	MITS, Gwalior	10-14 March 2018	One week
65	Prof. Vishal Chaudhary	Workshop on “Swarm and Evolutionary Algorithms: Theory and Applications”	IIT, Roorkee	17-18 March 2018	Two days
66	Prof. Vishal Chaudhary	National Conference on Intellectual Property and Entrepreneurship	IIT, Roorkee	19 March 2018	One day
67	Prof. Punjan Dohre	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
68	Prof. Punjan Dohre	Faculty Induction Program	IIT, Kanpur	09 – 13 February 2018	One week
69	Prof. Punjan Dohre	TEQIP Workshop on Biomimetics and Biological Soft Materials	IIT, Hyderabad	27 -30 June, 2018	One week
70	Prof. Punjan Dohre	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
71	Prof. Rahul Sagwal	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
72	Prof. Rahul Sagwal	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
73	Prof. Nipun Gupta	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
74	Prof. Nipun Gupta	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
75	Prof. Nipun Gupta	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
76	Prof. Bhavna Rathore	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
77	Prof. Bhavna Rathore	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
78	Prof. Bhavna Rathore	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
79	Prof. Shailendra Pratap Singh	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
80	Prof. Shailendra Pratap Singh	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
81	Prof. Shailendra Pratap Singh	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
82	Prof. Sourabh Rajput	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
83	Prof. Sourabh Rajput	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
84	Prof. Sourabh Rajput	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day

85	Dr. Vikram	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
86	Dr. Vikram	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
87	Dr. Vikram	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
88	Prof. Shweta Kumari	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
89	Prof. Shweta Kumari	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
90	Prof. Aparajita Kumari	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
91	Prof. Aparajita Kumari	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
92	Prof. Sanjay Kulshreshtha	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
93	Prof. Sanjay Kulshreshtha	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
94	Prof. Sanjay Kulshreshtha	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
95	Prof. Avinash Sharma	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
96	Prof. Avinash Sharma	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
97	Prof. Avinash Sharma	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
98	Prof. Manoj Kumar	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
99	Prof. Tarun Srivastva	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MITS, Gwalior	13-17/ Feb 2019	One week
100	Prof. Tarun Srivastva	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
Electronics Engineering					
1.	Prof. Pooja Sahoo	Workshop on “Advanced Optimization Techniques & Research Directions”	MITS, Gwalior	16/11/2018 to 17/11/2018	2 days
2	Prof. Pooja Sahoo	National Workshop on Soft Computing Techniques and its Applications	MITS, Gwalior	18/01/2019 to 19/01/2019	2 days
3	Prof. Pooja Sahoo	Short Term Programme RF and Microwave Antennas	MITS, Gwalior	05/01/2019 to 09/01/2019	5 days
4.	Dr. Karuna Markam	How to Write Patents	MITS, Gwalior	21/07/18	One day
5.	Dr. Karuna Markam	Gender Sensitization	MITS, Gwalior	28/07/18	One day

6.	Dr. Karuna Markam	Meditation	MITS, Gwalior	30/07/18 to 03/08/18	5 days
7.	Dr. Karuna Markam	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16/11/18 to 17/11/18	2 days
8.	Dr. Bimal Garg	Digital Transformation & Contribution of Engineers For Society.	MITS, Gwalior	16.9.2018	One day
9.	Dr. Bimal Garg	Advanced Optimization Techniques and Research Directions.	MITS, Gwalior	16 – 17 NOV 2018	2 days
10.	Dr. R P Narwaria	How to Write Patent	MITS, Gwalior	One day	One day
11.	Dr. R P Narwaria	Sensitization Workshop for Better and Improved Social Scenario	MITS, Gwalior	One day	One day
12.	Dr. R P Narwaria	Digital Transformation & Contribution of Engineers for Society	MITS, Gwalior	One day	One day
13.	Prof. Chaitanya Dhopte	Workshop on OBE	Gwalior	2 days	2 days
14.	Prof. Chaitanya Dhopte	Workshop on Soft Computing	Gwalior	2 days	2 days
15.	Prof. Madhav Singh	Sensitization	MITS, Gwalior	4 Aug.2018	One day
16.	Prof. Madhav Singh	Meditation	MITS, Gwalior	30 July- 03 August	5 days
17.	Dr. Laxmi Shrivastava	Advances Optimization Techniques and Research Directions	MITS, Gwalior	16-17 Nov, 2018	2 days
18.	Dr. Laxmi Shrivastava	Soft Computing Techniques and its Applications	MITS, Gwalior	18-19 Jan, 2019	2 days
19.	Prof. Ranbeer Tyagi	Meditation Workshop	MITS, Gwalior	30.07.18 to 03.08.18	5 days
20.	Prof. Ranbeer Tyagi	Work Shop on Maze Solver Robot	MITS, Gwalior	15-16/Sep/2018	2 days
21.	Prof. Ranbeer Tyagi	National Seminar on Digital Transformation & Contribution of Engineers	MITS, Gwalior	16/Sep/2018	One day
22.	Prof. Ranbeer Tyagi	Antenna Designing Workshop by HAM RADIO SOCIETY OF MITS	MITS, Gwalior	22-23/Sep/2018	2 days
23.	Prof. Ranbeer Tyagi	Design of Microwave Circuits	MITS, Gwalior	28-29/Sep/2018	2 days
24.	Prof. Santosh Sharma	Antenna Design Workshop	Gwalior	22-23/Sep/2018	2 days
25.	Prof. Santosh Sharma	Maze Solver Robot	Gwalior	15-16/Sep/2018	2 days
26.	Prof. Santosh Sharma	Optimization Techniques Using Nature Inspired Algorithms for Engineering Applications	MITS, Gwalior	13 /2/2019 to 17 /2/2019	5 days
27.	Dr. Vandana Vikas Thakre	How to Write Patent	MITS, Gwalior	21/7/18	1 day
28.	Dr. Vandana Vikas Thakre	Gender Sensitization	MITS, Gwalior	28 /7/18.	1 day
29.	Dr. Vandana Vikas Thakre	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16/11/18 to 17/11/18	2 days
30.	Dr. Vandana Vikas Thakre	Meditation and Stress Management	MITS, Gwalior	30/7/18-3/8/18	5 days

31.	Dr. Vandana Vikas Thakre	Antenna Design	MITS, Gwalior	22/9/18- 23/9/18	2 days
32.	Dr. Vandana Vikas Thakre	Maze Solver Robot	MITS, Gwalior	15/11/18-16/11/18	2 days
33.	Dr. Vandana Vikas Thakre	PCB Designing		23 /1/2019	1 day
34.	Prof. Madhav Singh	One Week Short Term Programme RF and Microwave Antennas	MITS, Gwalior	05/01/2019 to 09/01/2019	5 days
35.	Prof. Aruna Chouhan	Workshop on “Advanced Optimization Techniques & Research Directions”	MITS, Gwalior	16/11/2018 to 17/11/2018	2 days
36.	Prof. D. K. Parsediya	Short Term Programme on Modern Antennas for Wireless Communication	IIT, Kharagpur	06/10/2018 to 10/10/2018	5 days
37.	Dr. Vikas Mahor	PCB Designing	MITS, Gwalior	23 /1/2019	1 day
38	Prof. Shambhu Kumar	National Workshop on Soft Computing & its Applications	MITS, Gwalior	17/1/2019 to 18/1/2019	2 days
39	Prof. Pankaj Agrawal	Optimization Techniques Using Nature Inspired Algorithms for Engineering Applications	MITS, Gwalior	13 /2/2019 to 17 /2/2019	5 days
40	Dr. Rekha Gupta	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16/11/18 to 17/11/18	2 days
Computer Science and Engineering/Information Technology					
1	Ms. Jaimala Jha	STC on Intelligent Computing Techniques in Data Mining and Image Processing	MITS, Gwalior	1-5 Feb 2019	One Week
2	Mr. Sheo Kumar	Faculty Enablement on LEX Based Platform conducted by Infosys Ltd through Webinar	MITS, Gwalior	18-25 Jan, 2019	One Week
3	Mr. Mir Shahnawaz Ahmad	Faculty Enablement on LEX Based Platform conducted by Infosys Ltd through Webinar	MITS, Gwalior	18-25 Jan, 2019	One Week
4	Mr. Mohit Jain	Faculty Enablement on LEX Based Platform conducted by Infosys Ltd through Webinar	MITS, Gwalior	18-25 Jan, 2019	One Week
5	Mr. Arun Kumar	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	Two Days
6	Ms. Juhi Pruthi	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	Two Days
7	Mr. Aditya Singh	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	Two Days
8	Mr. Santosh Sahu	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	Two Days
9	Mr. Rajni Ranjan Singh	National Workshop on Soft Computing	MITS, Gwalior	18-19 January 2019	Two Days

	Makwana	Techniques & its Applications			
10	Ms.Pooja Agarwal	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	Two Days
11	Mr. Lav Upadhyay	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	Two Days
12	Ms.Shweta Patel	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	Two Days
13	Mr.Ram Parvesh Das	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	2 Days
14	Ms. Aishwarya	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	2 Days
15	Ms.Julie Kumari	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	2 Days
16	Mr. Amit Kumar Manjhvar	National Workshop on Advanced Optimisation Techniques and Research Directions	MITS, Gwalior	16-17 November, 2018	2 Days
17	Mr.Abhishek Dixit	National Workshop on Advanced Optimisation Techniques and Research Directions	MITS, Gwalior	16-17 November, 2018	2 Days
18	Mr.Vishwas Srivastava	National Workshop on Advanced Optimisation Techniques and Research Directions	MITS, Gwalior	16-17 November, 2018	2 Days
19	Mr.Abhishek Dixit	Faculty Development Program on Soft Computing and Programming for Engineering Research	IIITDM, Jabalpur	15-20 September 2018	6 Days
20	Mr.Vishwas Srivastava	Faculty Development Program on Soft Computing and Programming for Engineering Research	IIITDM, Jabalpur	15-20 September 2018	6 Days
21	Mr.Rajni Ranjan Singh Makwana	National Seminar on Digital Transformation & Contribution of Engineers for Society	MITS, Gwalior	16 September 2018	1 Day
22	Mr.Mahesh Parmar	Faculty Enablement Program on “Agile Software Development”	Pranveer Singh Institute of Technology, Kanpur	16-20 July 2018	5 Days
23	Mr. Abhilash Sonker	Faculty Enablement Program on “Agile Software Development”	Pranveer Singh Institute of Technology, Kanpur	16-20 July 2018	5 Days
24	Ms.Shivangi Garg	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	2 Days
25	Ms.Namrata Agrawal	FDP on DBMS	NPTEL	July-Sep 2018	2 Months

26	Ms.Namrata Agrawal	Switching Circuit and Design	NPTEL	Aug-Oct 2018	3 Months
27	Ms.Pallavi Gupta	Switching Circuit and Design	NPTEL	Aug-Oct 2018	3 Months
Chemical Engineering					
1	Prof. Swati Gupta	Sustainable Development : Method & Practices	MITG, Gwalior	21-25 February	05 Days
2	Prof. Swati Gupta	Advanced Optimization Techniques & Research direction	MITG, Gwalior	16-17 Oct. 2018	02 Days
3	Prof. Swati Gupta	Thermodynamics and its Applications to Solar Energy Systems Design	MITG, Gwalior	09-18 March 2019	2 Week
4	Prof. Anish P. Jacob	Sustainable Development : Method & Practices	MITG, Gwalior	21-25 February	05 Days
5	Prof. Arti Sahu	Thermodynamics and its Applications to Solar Energy Systems Design	MITG, Gwalior	09-18 March 2019	2 Week
6	Dr. Rakesh K. Dubey	Thermodynamics and its Applications to Solar Energy Systems Design	MITG, Gwalior	09-18 March 2019	2 Week
7	Prof. Sachin R. Geed	Nano-Science & Technology	MITG, Gwalior	14-18 March 2019	5 Days
8	Dr. Kulbhushan Samal	Nano-Science & Technology	MITG, Gwalior	14-18 March 2019	5 Days
9	Prof. Pratap Singh	Nano-Science & Technology	MITG, Gwalior	14-18 March 2019	5 Days
10	Dr. Antaram Sarve	How to Write Research Proposal	SPIU, Bhopal	30 April 2019	01 Day
11	Prof. Sulochana Nagar	How to Write Research Proposal	SPIU, Bhopal	30 April 2019	01 Day
12	Prof. Swati Gupta	System thinking and environmental engineering for sustainable decision making	IIT, Roorkee	03-07 June 2019	05 days
13	Prof. Anish P. Jacob	Chemical Engineering Thermodynamics laboratory for undergraduates	IIT, Madras	24-29 June 2019	06 Days
14	Prof. Arti Sahu	Advanced Pedagogy and Digital Tool	IIT, Indore	24-28 June 2019	5 Days
15	Dr. Rakesh K. Dubey	Advanced Pedagogy and Digital Tool	IIT, Indore	24-28 June 2019	5 Days
16	Prof. Sachin R. Geed	Advanced Pedagogy and Digital Tool	IIT, Indore	24-28 June 2019	5 Days
17	Dr. Kulbhushan Samal	Advanced Pedagogy and Digital Tool	IIT, Indore	24-28 June 2019	5 Days
18	Prof. Pratap Singh	Advanced Pedagogy and Digital Tool	IIT, Indore	24-28 June 2019	5 Days
19	Dr. Antaram Sarve	Advanced Pedagogy and Digital Tool	IIT, Indore	24-28 June 2019	5 Days
20	Prof. Sulochana Nagar	Advanced Pedagogy and Digital Tool	IIT, Indore	24-28 June 2019	5 Days
Biotechnology					
1	Shikha Jha	Conference on Recent Trends in Plant Biotechnology & Bioprospecting	VISM	Dec 20-21, 2018	02 days
2	Radhika R	Conference on Recent Trends in Plant Biotechnology & Bioprospecting	VISM	Dec 20-21, 2018	02 days
3	Sunita Sharma	Workshop on Exam Reforms for Teachers	SGSITS, INDORE	09 May 2019	01 day

Humanities					
1	Urvashi Garud	Paper Presented in International Conference Organised by Iim Kashipur	IIM, Kashipur	25 -27 May 2018	Three Days
2	Urvashi Garud	Paper Presented in National Seminar Organised by Indra Gandhi Tribal University, Amarkanthak	Indra Gandhi Tribal University, Amarkanthak	26 – 27 Feb 2018	Two Days
3	Urvashi Garud	Presented Paper in National Seminar Organised by Dream Valley College	Gwalior	6 May	One Day
4	Arti Pipariya	Completed A SWAYAM Course on Financial Accounting	Organized by SWAYAM	16/08/2018 – 25/11/2018	90 Days
5	Arti Pipariya	SWAYAM Course on Fundamentals of Outcome Based Curriculum in Engineering Education	Organized by SWAYAM	28/01/2019 – 23/ 02/2019	26 Days
6	Bhawna Shrey	Presented Paper in International Conference Titled Historiography and Postmodernism : The Problem of Interpretations	Conference Info in Association With Academic Science at Institution of Engineers, India, Chandigarh	28.10.2018	01 Day
7	Bhawna Shrey	Participated in the TEQIP Workshop FACULTY INDUCTION PROGRAM	Organized by IIT, Hyderabad	25.01.2018-29.01.2018	05 Days
8	Bhawna Shrey	Attended AICTE Sponsored Short-Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education	Organized by IQAC, Gwalior	10.03.2018-11.03.2018	02 Days
9	Bhawna Shrey	Completed FDP on Technical English for Engineers	Organized by IIT, Madras Through NPTEL	August to September 2018	1 Week
10	Bhawna Shrey	Completed FDP on Introduction to Cultural Studies	Organized by IIT, Madras Through NPTEL	July to September 2018	1½ Weeks
11	Umesh Guramwar	Participated in The TEQIP Workshop FACULTY INDUCTION PROGRAM	Organized by IIT, Hyderabad	25.01.2018-29.01.2018	05 Days
12	Umesh Guramwar	Attended AICTE Sponsored Short-Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education”	Organized by IQAC, Gwalior	25.01.2018-29.01.2018	02 Days
13	Umesh Guramwar	Completed FDP on Technical English for Engineers	Organized by IIT, Madras Through	August to September 2018	1 Week

			NPTEL		
14	Umesh Guramwar	Completed FDP on Introduction to Literary Theory and Criticism	Organized by IIT, Madras Through NPTEL	August to September 2018	1 Week
15	Umesh Guramwar	Completed FDP on Applied Linguistics	Organized by IIT, Madras Through NPTEL	August to September 2018	1 1/2 Weeks
16	Dr Valiur Rahaman	An Online Refresher Course on English Language Teaching (ARPIT) Going on	Ugc-Mhrd Coordinator Prof. Joshi Hrdc, Gujarat University	1.11.2018-28.2.2019	40 hrs
17	Dr Valiur Rahaman	NPTEL FDP Perspectives of Neurolinguistics Through IIT Roorkee (Going on)	(Going On)		4 weeks
18	Dr Valiur Rahaman	5 Web Lectures on The Course 'English for Communication' Delivered to UG Students of Various Colleges of MP Affiliated to RGVP Bhopal Through DTE MP	DTE MP	Starting from	
19	Dr Valiur Rahaman	Accepted to Present A Research Paper 'Critical Pedagogy in Digital Era': Understanding The Importance of Arts & Humanities for Sustainable IT Development' At International Conference on Digital Pedagogy March 2-3, 2019 New Delhi	NPIU-MHRD TEQIP III Seminar at AICTE, Delhi	March 2-3, 2019 New Delhi (postponed in April 2019)	
20	Dr Garima Singh Baghel	NPTEL Course Soft Skills & Personality Development Through IIT Kanpur	Going on		
21	Dr Garima Singh Baghel	Presented Paper in Amrita Pritam's Pinjar an Epitome of Violence Against Women at National Conference, Govt. Women College, Rewari Haryana	National Conference, Govt. Women College, Rewari Haryana		
22	Dr Garima Singh Baghel	Attended Faculty Training Programme	IIT, Indore	24 to 28 June 2019	1 Week
23	Umesh Guramwar	Attended Faculty Training Programme	IIT, Indore	24 to 28 June 2019	1 Week
24	Sachin Singh	Attended Faculty Training Programme	IIT, Indore	24 to 28 June 2019	1 Week
Applied Sciences					
1	Dr. Abhay Mishra, Dr. D K Jain, Prof. Jitendra Kumar, Dr. Prachi Sharma, Dr. Ashish Verma, Prof. D K Mishra, Prof. Deobrat Singh	Workshop on "Energy Audit & Management", under TEQIP-III	Department of Electrical Engineering, MITS, Gwalior	September 29, 2018	One Day

2	Dr. D K Jain, Jitendra Kumar, Prof. D K Mishra,	Workshop on “Advanced Optimization Techniques and Research Directions”, under TEQIP-III	Department of Electrical Engineering, MITS, Gwalior.	16-17 Nov. 2018	Two Days
3	Dr. D. K. Jain, Prof. Jitendra Kumar, Prof. D K Mishra, Dr. Ashish Verma	International Conference on New Frontiers in Mathematics and Symposia on I- Function and its Applications & Mathematics in Data Science	School of Mathematics and Allied Sciences, Jiwaji University, Gwalior (M.P)	Dec. 11-13, 2018	Three Days
4	Jitendra Kumar	International Conference on Recent Advance in Pure and Applied Mathematics	Department of Applied Mathematics at Delhi Technological University, Delhi.	23-25, October, 2018	Three Days
5	Dr. Prachi Sharma, Prof. Deobrat Singh	Faculty Development Program, “Physics and Technology of Materials”	ABV-IIITM Gwalior	October 08-14, 2018	One Week
6	Prof. A. S. Ojha, Dr. Prachi Sharma, Dr. Ashish Verma, Dr. Hansnath Tiwari, Prof. Deobrat Singh,	National Workshop on “Soft Computing Techniques and It's Applications” under TEQIP- III	Department of Computer Science and Engineering, MITS, Gwalior	Jan.18-19, 2019	Two Days
7	Dr. D.K. Jain	One Week Short Term Training Program Under QIP on “ <i>Optimization Techniques Using Nature Inspired Algorithms for Engineering Applications,</i>	Department of Electrical Engineering MITS Gwalior (M.P.).	13 th -17 th February 2019	One Week
8	Dr. Anjula Gaur	Faculty training program on “Basics of Thermodynamics and Lab	NITTTR, Kolkata.	27 Jan-1 Feb, 2019	One Week
9	Dr. Abhay Mishra	One day workshop on Good Governance	SPIU, Bhopal	4 th Feb., 2019	One Day
10	Dr. Abhay Mishra	One week STC on Newer Experiments in Engineering Physics	NITTTR, Chandigarh	18-22 Feb 2019	One Week
11	Dr. S. Bhattacharya, Prof. Jitendra Kumar	Faculty training program on “MATLAB and Simulink: Fundamentals”	NITTTR, Kolkata	27 th Jan to 01 Feb, 2019.	One Week
12	Dr. Prachi Sharma	MOOC course on “Basics of Special Theory of Relativity” by H.C.Verma IIT Kanpur.	IIT Kanpur		
13	Dr. Ashish Verma	Present a paper on “Generalized Incomplete Pochhammer Symbols and Their Applications to Hypergeometric Functions”, at National Conference on Recent Trends in Mathematics with Applications.	SRMU University, Lucknow	Feb. 21-22, 2019	2 days
14	Angad Singh Ojha	Workshop on Mathematica as a Teaching aid.	Department of Mathematics IIT, Roorkee	10-14 June 2019	One Week

15	Ashish Varma, Prachi Sharma, Debrath Singh and Hanshnath Tiwari	FDP on 'Advanced Pedagogy and Digital Tool' under TEQIP III.	IIT, Indore	June 24-28, 2019	One Week
16	Dr. V. P. Shinde	STTP on Advanced Research Techniques.	SVIT, Surat	03-07 June 2019.	One Week
17	Ashish Varma	Presented a paper entitled "Finite Summation Formulas of Generalized Kampe de Feriet Series" in the National Conference on "Recent Advances in Mathematics and Scientific Computing"	Department of Applied Science, MMMTU, Gorakhpur	April 5-6, 2019	2 days
18	Ashish Varma	Attended on line NPTEL Courses/FDP on the following topics: 1. Transform Calculus and Its Applications in Differential Equations. 2. Advanced Engineering Mathematics. 3. Mathematical Methods and Its Applications.	on line NPTEL Courses/FDP	Jan to April 2019	-
Architecture					
1	Dr. Sanjay Singh Jadon	Sustainable Development Methods and Practice	MITS, Gwalior	21.02.25.02.219	5 days
2	Dr. Sanjay Singh Jadon	Heritage walk by Heritage foundation	Heritage foundation Gwalior	03.11.2018	One day
3	Dr. Sanjay Singh Jadon	Disaster. Risk and Management	MITS, Gwalior	11.10.0018	One day
4	Dr. Sanjay Singh Jadon	Energy Audit & Management Under TIQIP-III	MITS, Gwalior	19 Sep, 2018	One day
5	Dr. Sanjay Singh Jadon	Green Building Material & Technologies	RGTU, Bhopal	27- 28 .07.2018	2 days
5	Dr. Sanjay Singh Jadon	One Day Workshop How to write Patent IET Student chapter	MITS, Gwalior	21.07.2018	One day
7	Dr. Alok Shurma	Sustainable Development Methods and Practice	MITS, Gwalior	21.02.25.02.219	5 days
8	Dr. Alok Shurma	Disaster. Risk and Management	MITS, Gwalior	11.10.0018	One day
9	Dr. Anjali S. Patil	GIAN Risk Communication : Application to Urban Planning for creating Resilient Cities	IIT, Roorkee	4.04.2019 - 8.04.2019	5 days
10	Dr. Anjali S. Patil	Outcome based Pedagogic Principals for Effective Teaching	NPTEL Online	27 th Aug- 21 st sept 2018	25 days
11	Ar. Richa Mishra	Assuring Global Quality in Technical Education Trough Out Come Based Education , MITS, Gwalior	NPTEL & SWAYAM		
12	Ar. Pranshi Jain	Assuring Global Quality in Technical	NPTEL & SWAYAM		

		Education Trough Out Come Based Education			
13	Ar. Priya Gupta	Assuring Global Quality in Technical Education Trough Out Come Based Education	NPTEL & SWAYAM		
14	Ar. Noopur Gupta	Assuring Global Quality in Technical Education Trough Out Come Based Education	NPTEL & SWAYAM		
15	Ms. Apurva Tomar	Assuring Global Quality in Technical Education Trough Out Come Based Education	NPTEL & SWAYAM		
16	Ar. Shreya Chadha	Assuring Global Quality in Technical Education Trough Out Come Based Education	NPTEL & SWAYAM		
17	Ar. Richa Mishra	Poster Present International Conference On Heritage As A Tool For Development In Smaller Towns: A Case Of Lower Chambal Valley	Ahmadabad University, Ahmadabad	14-16 December 2018	3 days
18	Ar. Noopur Gupta	International Conference on Urban Planning and Regional Development	Karlsdruhe Institute of Technology, Karlsruhe, Germany	3 April , 2019 – 5 April 2019	3 days
19	Ms. Apurva Tomar	International Conference on Urban Planning and Regional Development	Karlsdruhe Institute of Technology, Karlsruhe, Germany	3 April , 2019 – 5 April 2019	3 days

SUMMARY OF FACULTY ATTENDED TRAINING/CONFERENCE/WORKSHOP ETC.

S. No.	Title	Number	Date
1	Environment Safe Guards	01	11 th Jan 2019
2	American Geophysical Union	01	10-14 Dec. 2018
3	International Workshop on Networking of Technology and Education for Sustainable Development	01	12 th Oct.,2018
4	National Workshop on Advanced Manufacturing Systems	01	27 to 28 Oct., 2018
5	Advanced Optimization Techniques and Research Directions	34	16-17 Nov., 2018
6	Disaster : Risk & Management	15	11 th Oct. 2018
7	Sustainable Development : Methods and Practice	01	21-25 Feb. 2019
8	Teachers Training Program	02	25-02-2019 to 01-03-2019
9	STC	07	2018-2019
10	GIAN, IIT, Delhi	02	14-01-2019 to 18-01-2019
11	Summer Training Program, IIT, Kharagpur	02	04-01-2019 to 08-01-2019
12	FDP	03	2018-2019
13	QIP-STC	01	8-10-2018 to 13-10- 2018
14	Professional development programme	02	28 Jan to 01Feb 2019
15	Training Programme on Renewable Energy Generation - Integration with Grid and Storage Batteries	02	05–08 June 2018
16	Short Term Training Course on Advanced Biological and Chemical Understanding of Disease and Therapeutics	01	22-24 June 2018
17	Summer Training Programme on Active Learning for Senior Faculty	09	18-22 June 2018
18	Energy Audit and Management	16	29-9-2018
19	How to write Patent	13	21-7-2018
20	Short term course on Assuring Global Quality in Technical Education Through Outcome Based Education	01	10-14 March 2018
21	Workshop on Digital Judiciary	01	15-April 2018
22	Workshop on Outcome Based education for engineering programs	01	08-09 Feb. 2018
23	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	03	13-17 Feb. 2019
24	Short term course on Optimization Techniques and its Engineering Applications	02	15-19 March 2018
25	Workshop on “Effective Techniques of Question Paper Setting: An Outcome Based Education Approach”	03	07-08 February 2018
26	Short term course on Emerging trends in Internet of things (IOT) and Cyber Security Applications in Smart Grid.	01	12 – 16 March 2018
27	Short term course on Fundamentals of Robotics and Artificial Intelligence under TEQIP-III	02	04-08 Feb-2019
28	GIAN course on Sustainability in The Built Environment	02	19-30 March 2018
29	South Asian Community Volunteer Conference	01	2-3 Feb. 2018

	(SA CVC 2018)		
30	AICTE-QIP Sponsored Short Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education”	02	10-14 March 2018
31	One Week short term course Resilient Power Grid Operation Using Synchrophasor Technology: A Smart Grid Operation Perspective	01	Dec. 17-21 ,2018
32	National IEEE Workshop on Power Electronics in Smart Grid & Optimal Power Trading Mechanism	01	Nov. 03
33	21 st ISTE National Students’ “Convention on Empowering India Through Innovations”	01	29-30 Jan., 2019
34	Short Term Course on “Advanced Optimization Techniques for Engineering Applications”	01	13-17 Jan. 2018
35	AICTE Sponsored Short Term Course on “Numerical Methods in Electromagnetics”	01	27-31 Jan. 2018
36	Workshop on “Swarm and Evolutionary Algorithms: Theory and Applications”	01	17-18 March 2018
37	National Conference on Intellectual Property and Entrepreneurship	01	19 March 2018
38	Faculty Induction Program	01	09 – 13 Feb. 2018
39	TEQIP Workshop on Biomimetics and Biological Soft Materials	01	27-30 June, 2018
40	Workshop on “Advanced Optimization Techniques & Research Directions”	01	16/11/2018 to 17/11/2018
41	National Workshop on Soft Computing Techniques and its Applications	02	18/01/2019 to 19/01/2019
42	Short Term Programme RF and Microwave Antennas	02	05/01/2019 to 09/01/2019
43	Gender Sensitization	03	28/07/18
44	Meditation	04	30/07/18 to 03/08/18
45	Digital Transformation & Contribution of Engineers For Society.	01	16/9/2018
46	Sensitization Workshop for Better and Improved Social Scenario	01	One day
47	National Seminar on Digital Transformation & Contribution of Engineers for Society	03	16 Sep. 2018
48	Workshop on OBE	01	2 days
49	Workshop on Soft Computing	01	2 days
50	Work Shop on Maze Solver Robot	01	15-16 Sep. 2018
51	National Seminar on Digital Transformation & Contribution of Engineers	02	16 Sep. 2018
52	Antenna Designing Workshop by HAM RADIO SOCIETY OF MITS	03	22-23Sep. 2018
53	Design of Microwave Circuits	01	28-29 Sep. 2018
54	Antenna Design Workshop	01	22-23 Sep. 2018
55	Maze Solver Robot	03	15-16 Sep. 2018
56	Optimization Techniques Using Nature Inspired Algorithms for Engineering Applications	02	13/2/2019 to 17/2/2019
57	PCB Designing	02	23 /1/2019
58	Short Term Programme on Modern Antennas for Wireless Communication	02	06/10/2018 to 10/10/2018
59	Faculty Enablement on LEX Based Platform conducted by Infosys Ltd through Webinar	01	18-25 Jan, 2019
60	Faculty Enablement on LEX Based Platform conducted by Infosys Ltd through Webinar	02	18-25 Jan, 2019
61	National Workshop on Soft Computing Techniques & its Applications	12	18-19 Jan. 2019
62	Faculty Development Program on Soft Computing and Programming for Engineering Research	02	15-20 Sep. 2018
63	Faculty Enablement Program on “Agile Software Development”	02	16-20 July 2018

64	FDP on DBMS	01	July-Sep 2018
65	Switching Circuit and Design	02	Aug-Oct 2018
66	Sustainable Development : Method & Practices	02	21-25 Feb.
67	Thermodynamics and its Applications to Solar Energy Systems Design	03	09-18 March 2019
68	Nano-Science & Technology	03	14-18 March 2019
69	How to Write Research Proposal	02	30 April 2019
70	System thinking and environmental engineering for sustainable decision making	01	03-07 June 2019
71	Chemical Engineering Thermodynamics laboratory for undergraduates	01	24-29 June 2019
72	Advanced Pedagogy and Digital Tool	07	24-28 June 2019
73	Conference on Recent Trends in Plant Biotechnology & Bioprospecting	02	Dec 20-21, 2018
74	Workshop on Exam Reforms for Teachers	01	09 May 2019
75	Paper Presented in International Conference Organised by IIM Kashipur	01	25 -27 May 2018
76	Paper Presented in National Seminar Organised by Indra Gandhi Tribal University, Amarkanthak	01	26 – 27 Feb 2018
77	Presented Paper in National Seminar Organised by Dream Valley College	01	6 May
78	Completed A SWAYAM Course on Financial Accounting	01	16/08/2018 – 25/11/2018
79	SWAYAM Course on Fundamentals of Outcome Based Curriculum in Engineering Education	01	28/01/2019 – 23/ 02/2019
80	Presented Paper in International Conference Titled Historiography and Postmodernism : The Problem of Interpretations	01	28/10/2018
81	Participated in the TEQIP Workshop FACULTY INDUCTION PROGRAM	02	25/01/2018 – 29/01/2018
82	Attended AICTE Sponsored Short-Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education	02	10/03/2018 - 11/03/2018
83	Completed FDP on Technical English for Engineers	02	Aug. to Sep. 2018
84	Completed FDP on Introduction to Cultural Studies	01	July to Sep. 2018
85	Completed FDP on Introduction to Literary Theory and Criticism	01	Aug. to Sep. 2018
86	Completed FDP on Applied Linguistics	01	Aug. to Sep. 2018
87	An Online Refresher Course on English Language Teaching (ARPIT) Going on	01	1/11/2018 - 28/2/2019
88	NPTEL FDP Perspectives of Neurolinguistics Through IIT Roorkee (Going on)	01	
89	5 Web Lectures on The Course ‘English for Communication’ Delivered to UG Students of Various Colleges of MP Affiliated to RGVP Bhopal Through DTE MP	01	Starting from
90	Accepted to Present A Research Paper ‘Critical Pedagogy in Digital Era’: Understanding The Importance of Arts & Humanities for Sustainable IT Development’ At International Conference on Digital Pedagogy March 2-3, 2019 New Delhi	01	March 2-3, 2019 New Delhi (postponed in April 2019)
91	NPTEL Course Soft Skills & Personality Development Through IIT Kanpur	01	Going on
92	Presented Poem in Amrita Pritam’s Pinjar an Epitome of Violence Against Women at National Conference, Govt. Women College, Rewari Haryana	01	National Conference, Govt. Women College, Rewari Haryana
93	Attended Faculty Training Programme	03	24 to 28 June 2019

94	Workshop on “Energy Audit & Management”, under TEQIP-III	01	Sep. 29, 2018
95	International Conference on New Frontiers in Mathematics and Symposia on I- Function and its Applications & Mathematics in Data Science	01	Dec. 11-13, 2018
96	International Conference on Recent Advance in Pure and Applied Mathematics	01	23-25, October, 2018
97	Faculty Development Program, “Physics and Technology of Materials”	02	Oct. 08-14, 2018
98	One Week Short Term Training Program Under QIP on “ <i>Optimization Techniques Using Nature Inspired Algorithms for Engineering Applications,</i>	01	13 th -17 th Feb. 2019
99	Faculty training program on “Basics of Thermodynamics and Lab	01	27 Jan-1 Feb, 2019
100	One day workshop on Good Governance	01	4 th Feb., 2019
101	One week STC on Newer Experiments in Engineering Physics	01	18-22 Feb 2019
102	Faculty training program on “MATLAB and Simulink: Fundamentals”	01	27 th Jan to 01 Feb, 2019.
103	MOOC course on “Basics of Special Theory of Relativity” by H.C.Verma IIT Kanpur.	01	
104	Present a paper on “Generalized Incomplete Pochhammer Symbols and Their Applications to Hypergeometric Functions”, at National Conference on Recent Trends in Mathematics with Applications.	01	Feb. 21-22, 2019
105	Workshop on Mathematica as a Teaching aid.	01	10-14 June 2019
106	FDP on ‘Advanced Pedagogy and Digital Tool’ under TEQIP III.	01	June 24-28, 2019
107	STTP on Advanced Research Techniques.	01	03-07 June 2019.
108	Presented a paper entitled “Finite Summation Formulas of Generalized Kampe de Feriet Series” in the National Conference on “Recent Advances in Mathematics and Scientific Computing”	01	April 5-6, 2019
109	Attended on line NPTL Courses/FDP on the following topics: 1. Transform Calculus and Its Applications in Differential Equations. 2. Advanced Engineering Mathematics. 3. Mathematical Methods and Its Applications.	01	Jan to April 2019
110	Sustainable Development Methods and Practice	02	21.02.25.02.219
111	Heritage walk by Heritage foundation	01	03.11.2018
112	Disaster. Risk and Management	02	11.10.0018
113	Energy Audit & Management Under TIQIP- III	01	19 Sep, 2018
114	Green Building Material & Technologies	01	27- 28 July 2018
115	GIAN Risk Communication : Application to Urban Planning for creating Resilient Cities	01	4/04/2019 – 8/04/2019
116	Outcome based Pedagogic Principals for Effective Teaching	01	27 th Aug - 21 st sept 2018
117	Assuring Global Quality in Technical Education Trough Out Come Based Education, MITS, Gwalior	06	
118	Poster Present International Conference On Heritage As A Tool For Development In Smaller Towns: A Case Of Lower Chambal Valley	01	14-16 Dec. 2018
119	International Conference on Urban Planning and Regional Development	02	3-5 April, 2019

INVOLVEMENT OF FACULTY AS RESOURCE PERSONS
(Keynote Speaker, Expert Lecture, Invited Talk, Chief Guests... etc)

S. No.	Name of Faculty	Role	Title of Event	Venue	Dates	Whether International/ National/State/Regional /College or University Level
Civil Engineering						
1.	Dr. R. Kansal	Expert Lecture	5 Days QIP-STC on “Sustainability Development Methods & Practices”	MITS, Gwalior	21-25 Feb, 2019	National
2.	Prof. A.K. Saxena	Expert Lecture	Training Program	Pollution Control Board	02/09/2018	State Level
3.	Prof. A.K. Saxena	Expert Lecture	STP on Smart Cities	HCTM, Agra	13/06/2018	College level
Mechanical Engineering						
1.	Dr. Jyoti Vimal	Expert Lecture	Role of Nanocomposites in Science and Engineering	Bundelkhand Institute of Engineering and Technology	12/18/2018	State College
2.	Dr. Ravikant Ranjan	Expert Lecture	Recent Advances in Solar Power Generation	Bhagwant University, Ajmer, Rajstan	11/18/2018	University Level
3.	Dr. M.K. Gaur	Expert Lecture	Renewable Energy and Applications	NIT, PATNA	12/18/2018	National
4.	Dr. M.K. Gaur	Expert Lecture	Recent Advancements in Energy Science	SIST, Bhopal	9/18/2018	State College
5.	Dr. M.K. Gaur	Expert Lecture	Advance technologies in Renewable Energy for Future Sustainability	RGPB, Bhopal	1/19/2019	University Level
6.	Dr. M.K. Gaur	Expert Lecture	An International conference on Renewable Energy and Sustainable Climate	SOLARIS, New Delhi	2/19/2019	National
Electrical Engineering						
1.	Dr. L. Srivastava	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for	MITS, Gwalior	13-17/02/19	National Level

			Engineering Applications			
2.	Dr. M. Pandit	Expert Lecture	Radio Frequency and Microwave Antennas	MIT, Gwalior	05-09/03/19	National Level
3.	Dr. M. Pandit	Expert Lecture	Promoting Entrepreneurship Activities in Science & Technology Institutions	MIT, Gwalior	05-18/01/19	National Level
4.	Dr. M. Pandit	Expert Lecture	Recent Advances in Machine Learning	UTD, RGPV, Bhopal	03-07/10/18	National Level
5.	Dr. M. Pandit	Expert Lecture	Emerging Technologies for Smart Cities	Vikrant Inst. of Tech. & Management, Gwalior	29/03/18	
6.	Dr. M. Pandit	Expert Lecture	Nature Inspired Optimization and its MATLAB implementation	MIT, Gwalior	17/03/18	University Level
7.	Dr. A. K. Wadhvani	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MIT, Gwalior	13-17/02/19	University Level
8.	Dr. S. Wadhvani	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MIT, Gwalior	13-17/02/19	University Level
9.	Dr. H. M. Dubey	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MIT, Gwalior	13-17/02/19	University Level
10.	Prof. P. Bansal	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MIT, Gwalior	13-17/02/19	University Level
11.	Prof. V. Chaudhary	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MIT, Gwalior	13-17/02/19	University Level
12.	Prof. V. Chaudhary	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MIT, Gwalior	13-17/02/19	University Level
Electronics Engineering						
1.	Dr. Vandana Vikas	Expert Lecture	Workshop on Design of	MIT, Gwalior	28th – Sept -	National

	Thakre		Microwave Circuits		2018 to 29th - Sept.-2018	
2.	Dr. Vandana Vikas Thakre	Expert Lecture	STC on RF and Microwave antennas	MITS, Gwalior	5th - Jan-2019 to 9th Jan-2019	National
3.	Bimal Garg	Expert Lecture	Two Days Workshop on “Design of Microwave Circuits” Under Technical Education Quality Improvement (TEQIP – III)	MITS, Gwalior	28th – 29th September 2018.	National
4.	Deep Kishore Parsediya	Expert Lecture	STC on RF and Microwave antennas	MITS, Gwalior	5th - Jan-2019 to 9th Jan-2019	National
Computer Science and Engineering/Information Technology						
1.	Dr. Akhilesh Tiwari	Expert Lecture	AICTE QIP Sponsored Short Term Course (STC) on Intelligent Computing Techniques in Data Mining and Image Processing	MITS, Gwalior	1-5 Feb, 2019	National
2.	Dr. Manish Dixit	Expert Lecture	Faculty Orientation Program	LNUPE, Gwalior	13 Oct 2018	University
3.	Mr. R. R. Singh Makwana	Expert Lecture	Faculty Orientation Program	LNUPE, Gwalior	13 Oct 2018	University
4.	Dr. Sanjeev Sharma	Expert Lecture	Expert Lecture on Data Mining and Data Warehousing	Jiwaji University, Gwalior	02-Dec-2018	University
Chemical Engineering						
1.	Prof. S.R.Geed	Instructor	Wastewater Treatment Lab	Chemical Engineering Lab	21/02/2019	National
Applied Sciences						
1	Dr. V. P. Shinde	Interview of faculty : Subject Expert	Interview for the post of Assistant Professor	THDC Institute of Hydropower Engineering & Technology, Uttarakhand	15-Jul-18	National
2	Dr. D K Jain	Organized as <i>Joint Secretary</i> an International Conference at Jiwaji University, Gwalior	Organized as <i>Joint Secretary</i> an International Conference on ‘ <i>New Frontiers in Mathematics</i> ’ and Symposia on ‘ <i>I-Function and Its Applications & Mathematics in Data Science</i> ’	School of Mathematics & Allied Sciences, Jiwaji University, Gwalior, Sponsored by UGC, DST and NBHM.	December 11-13, 2018	International Conference

PLACEMENT DETAILS OF STUDENTS FOR THE YEAR 2018-2019

S. No.	Name of Student	Year of Passing	Company Name
Civil Engineering			
1.	Akash Raj Shahwal	2019	Cappgemini
2.	Yash Baleja	2019	Cappgemini
3.	Atul Sharma	2019	Prism Johnson Limited
4.	Ravindra Pratap Singh Gurjar	2019	Prism Johnson Limited
5.	Rohit Kumar Sahu	2019	Prism Johnson Limited
6.	Saurabh Rawat	2019	Prism Johnson Limited
7.	Anmol Chawla	2019	Tata Projects
8.	Monika Khare	2019	Tata Projects
9.	Samrat Jain	2019	Tata Projects
10.	Vivek Sharma	2019	DCM Shriram
11.	Anoop Rathore	2019	Trident Group
12.	Akash Raj Shahwal	2019	Indian Hume Pipe
13.	Amit kumar pathak	2019	Indian Hume Pipe
14.	Anjali Mehrotra	2019	Indian Hume Pipe
15.	Anoop Rathore	2019	Indian Hume Pipe
16.	ANURAG GUPTA	2019	Indian Hume Pipe
17.	Deepali Gupta	2019	Indian Hume Pipe
18.	Devesh Pachauri	2019	Indian Hume Pipe
19.	Divya Tiwari	2019	Indian Hume Pipe
20.	Harsh Kushwah	2019	Indian Hume Pipe
21.	Harshlata Bhutyani	2019	Indian Hume Pipe
22.	Mritunjay Raghuwanshi	2019	Indian Hume Pipe
23.	Prashant Sharma	2019	Indian Hume Pipe
24.	Sachin Kumar Mishra	2019	Indian Hume Pipe
25.	Shivam Mishra	2019	Indian Hume Pipe
26.	Shivam Narway	2019	Indian Hume Pipe
27.	Som Pal	2019	Indian Hume Pipe
28.	SOURABH AGRAWAL	2019	Indian Hume Pipe
29.	Swapnil Shukla	2019	Indian Hume Pipe

30.	Vedika Dadhich	2019	Indian Hume Pipe
Mechanical Engineering			
31.	Sankalp Kothiya	2019	L&T (Infotech)
32.	Lohit Chaturvedi	2019	Capgemini
33.	Rishabh Kumar Jha	2019	Capgemini
34.	Pallav Gupta	2019	TCS
35.	Pragya Mishra	2019	Tata Projects
36.	Shachi Jain	2019	Tata Projects
37.	Mahimn Agnihotri	2019	Sudarshan Chemicals
38.	Rishabh Bajpai	2019	Sudarshan Chemicals
39.	Chandrapal Singh Yadav	2019	BYJU's
40.	Aman Pachauri	2019	DCM Shriram
41.	Pallav Bhatia	2019	DCM Shriram
42.	Sapeksh Khera	2019	DCM Shriram
43.	Priyanka Yadav	2019	Wipro
44.	Shivani Jain	2019	Wipro
45.	Lohit Chaturvedi	2019	Indian Navy
46.	Amit Singhal	2019	Jamna Auto
47.	Divyanshu Gupta	2019	Jamna Auto
48.	Jaideep Singh	2019	Jamna Auto
49.	Rahul Gupta	2019	Jamna Auto
50.	Rathang Pani Vashishtha	2019	Jamna Auto
51.	Rishabh Kumar Jha	2019	Jamna Auto
52.	Shivam Yadav	2019	Jamna Auto
53.	Yashwant Nigdikar	2019	Jamna Auto
54.	Yogesh Bajpai	2019	Jamna Auto
55.	Akanksha Tomar	2019	Jaro Education
56.	Gaurav Singh Thakur	2019	Tata Motors
57.	Priyanka Yadav	2019	Godrej
58.	Reena Singh	2019	Godrej
59.	Swapnil Gupta	2019	Godrej
60.	Varsha Rajpoot	2019	Godrej
61.	Priyanka Devi Raj	2019	Godrej
62.	Aditi Sharma	2019	GE
63.	Farhat Jhan	2019	GE
64.	Pragati Kuraria	2019	GE
65.	Priyanka Yadav	2019	GE

66.	Sharmila Patel	2019	GE
67.	Rishabh Saxena	2019	R1RCM
68.	Siddharth Shakyawar	2019	R1RCM
69.	Arpit Soni	2019	Mahindra & Mahindra
Electrical Engineering			
70.	Anmol Dubolia	2019	Infosys
71.	Anuj Sharma	2019	Infosys
72.	Aryaj Chaurasia	2019	Infosys
73.	Ashutosh	2019	Infosys
74.	Ashwani Singh Bhadauria	2019	Infosys
75.	Divyesh Kirar	2019	Infosys
76.	Harshvardhan Ojha	2019	Infosys
77.	Khushboo Verma	2019	Infosys
78.	Palak Agrawal	2019	Infosys
79.	Prafull Arora	2019	Infosys
80.	Shivani Yadav	2019	Infosys
81.	Siddhant Chauhan	2019	Infosys
82.	Siddharth Chandil	2019	Infosys
83.	Suyash Agrawal	2019	Infosys
84.	Vedanta	2019	Infosys
85.	Vikas Yadav	2019	Infosys
86.	Siddhant Chauhan	2019	L&T (Infotech)
87.	Narottam Rajput	2019	Capgemini
88.	Inam Ulla Khan	2019	Capgemini
89.	Somnath Agrawal	2019	Capgemini
90.	Akriti Jain	2019	TCS
91.	Tanishk Shukla	2019	TCS
92.	Dheeraj Kumar Semekar	2019	Tata Projects
93.	Prasangika Rai	2019	Tata Projects
94.	Vikas Yadav	2019	Tata Projects
95.	Siddhant Chauhan	2019	BYJU's
96.	Siddhant Singh Chauhan	2019	Trident Group
97.	Anuj Sharma	2019	Trident Group
98.	Manvender Patel	2019	Trident Group
99.	Vedanta	2019	Trident Group
100.	Bhanu Praskash	2019	Trident Group
101.	Alankrita Shrivastava	2019	Trident Group

102.	Akriti Jain	2019	Trident Group
103.	Akash Dubey	2019	Trident Group
104.	Prasangika Rai	2019	Zycus
105.	Anmol Singh Parihar	2019	Jamna Auto
106.	Vaibhav Agrawal	2019	Jamna Auto
107.	Rajni Jain	2019	R1RCM
108.	Shailendra Kumar Ashokar	2019	R1RCM
Electronics & Communication			
109.	Abhimanyu Pratap Singh	2019	Infosys
110.	Akshita Dixit	2019	Infosys
111.	Anubhav Tripathi	2019	Infosys
112.	Anuj Pahariya	2019	Infosys
113.	Ayush Singh Parihar	2019	Infosys
114.	Ayushi Gupta	2019	Infosys
115.	Deepak Agrawal	2019	Infosys
116.	Himanshu Tulsani	2019	Infosys
117.	Krishna Thakur	2019	Infosys
118.	Mayank Saxena	2019	Infosys
119.	Mohd Ibrahim Sheikh	2019	Infosys
120.	Pranav Sharma	2019	Infosys
121.	Pranjali Singh	2019	Infosys
122.	Priyamvada Rai Sharma	2019	Infosys
123.	Raghav Gandotra	2019	Infosys
124.	Rishabh Gupta	2019	Infosys
125.	Rohit Raj	2019	Infosys
126.	Sakshi Jain	2019	Infosys
127.	Satyam Dhote	2019	Infosys
128.	Shaily Singh	2019	Infosys
129.	Shubham Maithil	2019	Infosys
130.	Shubham Upadhyay	2019	Infosys
131.	Somya Agrawal	2019	Infosys
132.	Srijal Jain	2019	Infosys
133.	Srishti Gupta	2019	Infosys
134.	Sushmita Bhola	2019	Infosys
135.	Ujjwala Singh Tomar	2019	Infosys
136.	Vikas Goyal	2019	Infosys
137.	Yojyata Jha	2019	Infosys

138.	Aakriti Rawat	2019	Accenture
139.	Abhimanyu Pratap Singh	2019	Accenture
140.	aditya lahariya	2019	Accenture
141.	Aditya Tiwari	2019	Accenture
142.	Akanksha Rajput	2019	Accenture
143.	AKASH DIXIT	2019	Accenture
144.	Akshaj Singh Kalchuri	2019	Accenture
145.	Akshita Dixit	2019	Accenture
146.	Anuj Pahariya	2019	Accenture
147.	Ayushi Gupta	2019	Accenture
148.	KUMARI SHALINI	2019	Accenture
149.	Mayank Saxena	2019	Accenture
150.	NISHKARSH JAIN	2019	Accenture
151.	Pragya Singh Parihar	2019	Accenture
152.	Pranav Sharma	2019	Accenture
153.	Pranjali Singh	2019	Accenture
154.	Prashansa Sinha	2019	Accenture
155.	Raghav Gandotra	2019	Accenture
156.	Rishabh Gupta	2019	Accenture
157.	Rohit Raj	2019	Accenture
158.	Sakshi Jain	2019	Accenture
159.	Shaily Singh	2019	Accenture
160.	Shefali Rana	2019	Accenture
161.	Shiva Gupta	2019	Accenture
162.	Shivam Nahar	2019	Accenture
163.	Shivam Sharma	2019	Accenture
164.	Shivani Gupta	2019	Accenture
165.	Shubham Maithil	2019	Accenture
166.	Snehal Singh	2019	Accenture
167.	Somya Agrawal	2019	Accenture
168.	Srijal Jain	2019	Accenture
169.	Surabhi Shukla	2019	Accenture
170.	Ujjwala Singh Tomar	2019	Accenture
171.	Yojyata Jha	2019	Accenture
172.	Ashwarya Bisen	2019	Accenture
173.	Shivam Patel	2019	Accenture
174.	Satyam Dhote	2019	Accenture

175.	Palash Gupta	2019	Accenture
176.	Sushmita Bhola	2019	Accenture
177.	Vartika Jain	2019	Accenture
178.	Vikas Goyal	2019	Accenture
179.	Pranjali Singh	2019	L&T (Infotech)
180.	Chandra Prakash	2019	Capgemini
181.	Javed Ansari	2019	Capgemini
182.	Mehul Singhai	2019	Capgemini
183.	Nagma Parveen	2019	Capgemini
184.	Rohit Dohre	2019	Capgemini
185.	aditya lahariya	2019	TCS
186.	Aditya Tiwari	2019	TCS
187.	Anubhav Tripathi	2019	TCS
188.	Kumari Shalini	2019	TCS
189.	Mehul Singhai	2019	TCS
190.	Mohd Ibrahim Sheikh	2019	TCS
191.	Nagma Parveen	2019	TCS
192.	Nishkarsh Jain	2019	TCS
193.	Pranav Sharma	2019	TCS
194.	Raghav Gandotra	2019	TCS
195.	Shaily Singh	2019	TCS
196.	Shefali Rana	2019	TCS
197.	Shiva Gupta	2019	TCS
198.	Shubham Maithil	2019	TCS
199.	Aakriti Rawat	2019	Wipro
200.	Javed Ansari	2019	Wipro
201.	Srishti Trivedi	2019	Amdocs
202.	Akshaj Singh Kalchuri	2019	Trident Group
203.	Chandra Prakash	2019	Samsung
204.	Hariom Singh Gurjar	2019	Samsung
205.	Ekta Jaiswal	2019	R1RCM
206.	Manish Raje	2019	R1RCM
Computer Science			
207.	Abhijeet Shukla	2019	Infosys
208.	Abhinav Lahariya	2019	Infosys
209.	Achal Gupta	2019	Infosys
210.	Amisha Garg	2019	Infosys

211.	Amit Raghuwanshi	2019	Infosys
212.	Ankit Narwaria	2019	Infosys
213.	Ankur Agrawal	2019	Infosys
214.	Anuj Tiwari	2019	Infosys
215.	Anuja Sankwa	2019	Infosys
216.	Armaan Gupta	2019	Infosys
217.	Ashwani Dongre	2019	Infosys
218.	Avi Kaushik	2019	Infosys
219.	Ayushi Shrivastava	2019	Infosys
220.	Azad Singh	2019	Infosys
221.	Erum Zaidi	2019	Infosys
222.	Garima Singh Rajpoot	2019	Infosys
223.	Himanshu Khare	2019	Infosys
224.	Jyotsna Pandit	2019	Infosys
225.	Kanika Agrawal	2019	Infosys
226.	Kanupriya Gathoria	2019	Infosys
227.	Mayank Shukla	2019	Infosys
228.	Naman Gupta	2019	Infosys
229.	Nidhi Singh	2019	Infosys
230.	Poorva Yadav	2019	Infosys
231.	Prakhar Agrawal	2019	Infosys
232.	Prateek Panjwani	2019	Infosys
233.	Priyanka Setiya	2019	Infosys
234.	Rahul Kumar	2019	Infosys
235.	Raj Shukla	2019	Infosys
236.	Rajat Bhadoria	2019	Infosys
237.	Riya Sharma	2019	Infosys
238.	Rohit Gupta	2019	Infosys
239.	Sagar Dubey	2019	Infosys
240.	Sakshi Parashar	2019	Infosys
241.	Sakshi patel	2019	Infosys
242.	Sanchit Minda	2019	Infosys
243.	Shamita Rathore	2019	Infosys
244.	Shavya Sharma	2019	Infosys
245.	Sharvil Ajmani	2019	Infosys
246.	Shivam Banerji	2019	Infosys
247.	Shruti Trivedi	2019	Infosys

248.	Shubham Gautam	2019	Infosys
249.	Shweta Talreja	2019	Infosys
250.	Snehil Saxena	2019	Infosys
251.	Som Jinghania	2019	Infosys
252.	Sonali Bansal	2019	Infosys
253.	Sourabh Zalke	2019	Infosys
254.	Sparsh Verma	2019	Infosys
255.	Surbhi Garg	2019	Infosys
256.	Tanish S Chauhan	2019	Infosys
257.	Tanuj Sharma	2019	Infosys
258.	Vikash Tyagi	2019	Infosys
259.	Vipray Jain	2019	Infosys
260.	Vivek Khandelwal	2019	Infosys
261.	Yashraj Rajput	2019	Infosys
262.	Abhijeet Shukla	2019	Accenture
263.	Aditya Singh	2019	Accenture
264.	Akshay Kakoriya	2019	Accenture
265.	Ankur Agrawal	2019	Accenture
266.	Ankur Dohare	2019	Accenture
267.	Anuj Tiwari	2019	Accenture
268.	Anuja Sankwa	2019	Accenture
269.	Ashwani Dongre	2019	Accenture
270.	Avi Kaushik	2019	Accenture
271.	Azad Singh	2019	Accenture
272.	Deepali Parochey	2019	Accenture
273.	Deepansh Bhargava	2019	Accenture
274.	Erum Zaidi	2019	Accenture
275.	Garima Singh Rajpoot	2019	Accenture
276.	Himanshu Khare	2019	Accenture
277.	Jyotsna Pandit	2019	Accenture
278.	Jatin Parashar	2019	Accenture
279.	Kanika Agrawal	2019	Accenture
280.	Kanupriya Gathoria	2019	Accenture
281.	Komal Kamtaria	2019	Accenture
282.	Mayank Shukla	2019	Accenture
283.	Naman Gupta	2019	Accenture
284.	Nidhi Chourasia	2019	Accenture

285.	Nidhi Singh	2019	Accenture
286.	Nitesh Demla	2019	Accenture
287.	Poorva Yadav	2019	Accenture
288.	Prakhar Agrawal	2019	Accenture
289.	Prateek Panjwani	2019	Accenture
290.	Pratibha Singh	2019	Accenture
291.	Rajat Bhadoria	2019	Accenture
292.	Rishabh Jamwal	2019	Accenture
293.	Riya Sharma	2019	Accenture
294.	Rohit Gupta	2019	Accenture
295.	Sakshi Parashar	2019	Accenture
296.	Sakshi patel	2019	Accenture
297.	Sanchit Minda	2019	Accenture
298.	Sharvil Ajmani	2019	Accenture
299.	Shailly Jain	2019	Accenture
300.	Shamita Rathore	2019	Accenture
301.	Shavya Sharma	2019	Accenture
302.	Shivam Banerji	2019	Accenture
303.	Shruti Trivedi	2019	Accenture
304.	Sonali Bansal	2019	Accenture
305.	Sparsh Verma	2019	Accenture
306.	Surbhi Garg	2019	Accenture
307.	Tanish S Chauhan	2019	Accenture
308.	Vivek Khandelwal	2019	Accenture
309.	Abhinav Lahariya	2019	Accenture
310.	Aditya Kanade	2019	Accenture
311.	Som Jighania	2019	Accenture
312.	Sagar Dubey	2019	Accenture
313.	Shubham gautam	2019	Accenture
314.	Akshat Tiwari	2019	IBM
315.	Anuj Tiwari	2019	IBM
316.	Anuja Sankwa	2019	IBM
317.	Ashwani Dongre	2019	IBM
318.	Avi Kaushik	2019	IBM
319.	Ayushi Shrivastava	2019	IBM
320.	Azad Singh	2019	IBM
321.	Garima Singh Rajpoot	2019	IBM

322.	Himanshu Kumar Mehra	2019	IBM
323.	Manoj Kumbhkar	2019	IBM
324.	Priyanka Rajesh Seriwala	2019	IBM
325.	Rohit Gupta	2019	IBM
326.	Sakshi Parashar	2019	IBM
327.	Shruti Trivedi	2019	IBM
328.	Sonali Bansal	2019	IBM
329.	Sparsh Verma	2019	IBM
330.	Subhash Suryavanshi	2019	IBM
331.	Tanish S Chauhan	2019	IBM
332.	Anshita Vishwakarma	2019	L&T (Infotech)
333.	Armaan Gupta	2019	L&T (Infotech)
334.	Deepansh Bhargava	2019	L&T (Infotech)
335.	Jyotsna Pandit	2019	L&T (Infotech)
336.	Naman Gupta	2019	L&T (Infotech)
337.	Nidhi Singh	2019	L&T (Infotech)
338.	Shamita Rathore	2019	L&T (Infotech)
339.	Shashank Sahu	2019	L&T (Infotech)
340.	Shavya Sharma	2019	L&T (Infotech)
341.	Surbhi Garg	2019	L&T (Infotech)
342.	Chandresh Jain	2019	Capgemini
343.	Rahul Kumar	2019	Capgemini
344.	Vishal Tiwari	2019	Capgemini
345.	Amisha Garg	2019	TEK Systems
346.	Aditya Kanade	2019	TCS
347.	Amiya Tripathi	2019	TCS
348.	Himanshu Khare	2019	TCS
349.	Nitesh Demla	2019	TCS
350.	Priyanka Setiya	2019	TCS
351.	Vipray Jain	2019	Trident Group
352.	Snehil Saxena	2019	Trident Group
353.	Shweta Talreja	2019	Trident Group
354.	Chandresh Jain	2019	Trident Group
355.	Akshay Kakoriya	2019	Wipro
356.	Priyanka Setiya	2019	PUBMATIC
357.	Rahul Katariya	2019	Mobiloitte
358.	Apoorva Pandey	2019	Mobiloitte

359.	Simran Batra	2019	Mobiloitte
360.	Shubham Kewat	2019	Mobiloitte
361.	Rakhi Bhadauria	2019	Mobiloitte
362.	Achal Gupta	2019	Newgen
363.	Ankit Narwaria	2019	Newgen
364.	Manish Baraskar	2019	Newgen
365.	Priyanka Setiya	2019	Newgen
366.	Satyam Raghuwanshi	2019	Newgen
367.	Nitesh Demla	2019	Amdocs
368.	Chaman Magriya	2019	R1RCM
Information Technology			
369.	Bhavesh Lodha	2019	Infosys
370.	Isha Bhargava	2019	Infosys
371.	Kopal Soni	2019	Infosys
372.	Neelu Verma	2019	Infosys
373.	Ojaswi Goyal	2019	Infosys
374.	Parth Malhotra	2019	Infosys
375.	Pratiksha Gangoliya	2019	Infosys
376.	Prayas Bansal	2019	Infosys
377.	Priya Jain	2019	Infosys
378.	Rachita Nayak	2019	Infosys
379.	Rahul Pandey	2019	Infosys
380.	Ravikant Vishwakarma	2019	Infosys
381.	Saloni jain	2019	Infosys
382.	Samarth Gupta	2019	Infosys
383.	Saransh Pandey	2019	Infosys
384.	Shivam Kumar Gupta	2019	Infosys
385.	Tanmay Gupta	2019	Infosys
386.	Vatsalya Agrawal	2019	Infosys
387.	Vishal Singh	2019	Infosys
388.	Vishesh Jadon	2019	Infosys
389.	Worship Shrivastava	2019	Infosys
390.	Bhavesh Lodha	2019	Accenture
391.	Kopal Soni	2019	Accenture
392.	Neelu Verma	2019	Accenture
393.	Ojaswi Goyal	2019	Accenture
394.	Parth Malhotra	2019	Accenture

395.	Pragati Singhal	2019	Accenture
396.	Prayas Bansal	2019	Accenture
397.	Priya Jain	2019	Accenture
398.	Rachita Nayak	2019	Accenture
399.	RAHUL PANDEY	2019	Accenture
400.	Saloni jain	2019	Accenture
401.	Samarth Gupta	2019	Accenture
402.	Saransh Pandey	2019	Accenture
403.	Sejal Chouhan	2019	Accenture
404.	Tanya Singh	2019	Accenture
405.	Vishal Singh	2019	Accenture
406.	Vishesh Jadon	2019	Accenture
407.	Worship Shrivastava	2019	Accenture
408.	Yashdeep Awasthi	2019	Accenture
409.	Anit Yadav	2019	Accenture
410.	Prarthana Gupta	2019	Accenture
411.	Abhishek Dhamanya	2019	Accenture
412.	Tanmay Gupta	2019	Accenture
413.	Praveen Kirar	2019	IBM
414.	Rahul Pandey	2019	IBM
415.	Saransh Pandey	2019	IBM
416.	Shivam Kumar Gupta	2019	IBM
417.	Vishesh Jadon	2019	IBM
418.	Ojaswi Goyal	2019	L&T (Infotech)
419.	Saloni jain	2019	L&T (Infotech)
420.	Tanya Singh	2019	L&T (Infotech)
421.	Adarsh Vishwakarma	2019	Capgemini
422.	Bittu Kumar	2019	Capgemini
423.	Deepanshi Goyal	2019	Capgemini
424.	Dhawal Upadhyay	2019	Capgemini
425.	Nikunj Agrawal	2019	Capgemini
426.	Sourav Yadav	2019	Capgemini
427.	Vikash Singh Jadoun	2019	Capgemini
428.	Sagar Gupta	2019	TCS
429.	Yashdeep Awasthi	2019	TCS
430.	Dhawal Upadhyay	2019	Wipro
431.	Kratika Gawrha	2019	Wipro

432.	Nikunj Agrawal	2019	Wipro
433.	Ritika Tharani	2019	Mobiloitte
434.	Rohit Sharma	2019	Mobiloitte
435.	Rahul Sahu	2019	Amdocs
436.	Ritika Tharani	2019	Amdocs
Chemical			
437.	Sagar Soni	2019	Capgemini
438.	Uttama Hande	2019	Capgemini
439.	Vibhor Arora	2019	Capgemini
440.	Shreya Saxena	2019	Trident Group
441.	Vibhor Arora	2019	Trident Group
442.	Ayushi Purohit	2019	Trident Group
443.	Parnika Shrivastava	2019	BORL
444.	Vibhor Arora	2019	BORL
445.	Rohit Bharti	2019	DCM Shriram
446.	Shailesh Awasthi	2019	DCM Shriram
447.	Uttama Hande	2019	DCM Shriram
448.	Tirthraj Phate	2019	Wipro
449.	Akhil Shukla	2019	LUPIN
450.	Aman Kumar Singh	2019	LUPIN
451.	Himanshu Jain	2019	LUPIN
452.	Iftekhharul Hasan	2019	LUPIN
453.	Nitin Sharma	2019	LUPIN
454.	Utkarsh Bhardwaj	2019	LUPIN
455.	Vivek Singh	2019	LUPIN
456.	Sagar Soni	2019	LUPIN
457.	Tirthraj Phate	2019	LUPIN
Biotechnology			
458.	Rakshita Saxena	2019	Capgemini
Automobile			
459.	Adesh Singh Tomar	2019	Trident Group
460.	Aman Soni	2019	Trident Group
461.	Ashutosh Jadon	2019	Trident Group
462.	Ajay Dubey	2019	Trident Group
463.	Anmol Pandey	2019	Trident Group
464.	Shashank Baderai	2019	Trident Group
465.	Shubhali Singh	2019	Tata AIG

466.	Parul Sahu	2019	Tata Motors
467.	Khyati Khare	2019	Mahindra & Mahindra
468.	Anand Thakur	2019	Mahindra & Mahindra
469.	Vaishnavi Chaturvedi	2019	R1RCM
Electronics & Telecommunication			
470.	Abhishek Singh Rajput	2019	Infosys
471.	Chandrika Sharma	2019	Infosys
472.	Himanshu Sharma	2019	Infosys
473.	Rishabh Shivhare	2019	Infosys
474.	Sudhir Singh	2019	Infosys
475.	Yash Kumar Shrivastava	2019	Infosys
476.	Abhishek Singh Rajput	2019	Accenture
477.	Aditya sharma	2019	Accenture
478.	Ashutosh Gupta	2019	Accenture
479.	Chandrika Sharma	2019	Accenture
480.	Deepali Verma	2019	Accenture
481.	Deepali Yadav	2019	Accenture
482.	Jayendra Joshi	2019	Accenture
483.	Lokesh Chandron	2019	Accenture
484.	Namratesh Shrivastav	2019	Accenture
485.	Nivedita Ambardekar	2019	Accenture
486.	Prajjujal Shrivastava	2019	Accenture
487.	Shreya Sharma	2019	Accenture
488.	Sudhir Singh	2019	Accenture
489.	Tanvi Agrawal	2019	Accenture
490.	Trisha Mazumdar	2019	Accenture
491.	Vivek Kumar Rajak	2019	Accenture
492.	Yash Kumar Shrivastava	2019	Accenture
493.	Shri Krishna Sharma	2019	Accenture
494.	Deepak Tripathi	2019	Accenture
495.	Ayush Bansal	2019	Capgemini
496.	Kushagra Gupta	2019	Capgemini
497.	Lokesh Chandron	2019	BYJU's
498.	Shri Krishna Sharma	2019	BYJU's
499.	Akshay Baishander	2019	Mobiloitte
500.	Duragesh Mishra	2019	Mobiloitte
501.	Shailvi Sharma	2019	Mobiloitte

502.	Shailvi Sharma	2019	Amdocs
503.	Sudhir Singh	2019	Samsung
504.	Sumit Dubey	2019	Samsung
505.	Yash Kumar Shrivastava	2019	Samsung
506.	Dhiraj Kumar	2019	R1RCM
507.	Duragesh Mishra	2019	R1RCM
508.	Samrat Sharma	2019	R1RCM
M.Tech. CSE			
509.	Shradha Dubey (MCSE)	2019	Amdocs
M.Tech. Cyber Security			
510.	Shubham Sharma (MCYS)	2019	Infosys
511.	Vaibhav Kumar Dubey (MCYS)	2019	Amdocs
MCA			
512.	Anchal Kushwaha	2019	Infosys
513.	Diksha Kushwah	2019	Infosys
514.	Anchal Kushwaha	2019	Accenture
515.	Disha Mishra	2019	Accenture
516.	Kirtika Varshney	2019	Accenture
517.	Shivani Saxena	2019	Accenture
518.	Twinkle Gupta	2019	Accenture
519.	Pinkesh Jain	2019	Accenture
520.	Twinkle Gupta	2019	TCS
521.	Vishnu Verma	2019	TCS
522.	Pinkesh Jain	2019	Praedico Global Research Pvt. Ltd. (Stock Gurukul)
523.	Sakshi Sharma	2019	Praedico Global Research Pvt. Ltd. (Stock Gurukul)
524.	Saloni Jain	2019	Praedico Global Research Pvt. Ltd. (Stock Gurukul)
525.	Twinkle Gupta	2019	Praedico Global Research Pvt. Ltd. (Stock Gurukul)
526.	Anamika Kushwah	2019	Mobiloitte
527.	Aditya Bansal	2019	Mobiloitte
528.	Renu Gupta	2019	Mobiloitte
529.	Monika Rawat	2019	Amdocs
530.	Sakshi Sharma	2019	Amdocs
531.	Shreshtha Rathore	2019	Amdocs

OFF CAMPUS

S. No.	Name of Student	Name of Department	Year of Passing	Company Name
1.	Shailendra Singh Rana	Electrical Engineering	2019	Trident Group
2.	Khushboo Verma	Electrical Engineering	2019	Trident Group
3.	Palak Agarwal	Electrical Engineering	2019	Trident Group
4.	Harshit Yadav	Electrical Engineering	2019	Trident Group
5.	Abhay Pratap Singh	Electronics Engineering	2019	Trident Group
6.	Mehul Singhai	Electronics Engineering	2019	Trident Group
7.	Prateek Kumar Jain	Chemical Engineering	2019	Trident Group
8.	Sagar Soni	Chemical Engineering	2019	Trident Group
9.	Saras Ajay Shrivastava	Chemical Engineering	2019	Trident Group
10.	Tirthraj Phate	Chemical Engineering	2019	Trident Group
11.	Vivek Singh	Chemical Engineering	2019	Trident Group

SUMMARY OF PLACEMENT (PASSING OUT BATCH - 2019)

S. No.	Company Name	PG	B.E. Branch (UG)										Total	
			Civil	Mechanical	Electrical	Electronics	CSE	IT	Chemical	Biotechnology	Automobile	ET		
1.	TCS	2		1	2	14	5	2						26
2.	Indian Navy (UES-19)			1										1
3.	Infosys	3			16	29	55	21					6	130
4.	Accenture	6				41	52	23					19	141
5.	IBM						18	5						23
6.	Prism Johnson Limited		4											4
7.	LTI (L&T Infotech)			1	1	1	10	3						16
8.	Capgemini		2	2	3	5	3	7	3	1			2	28
9.	TEK Systems						1							1
10.	Trident Group		1		8	1	2		3			6		21
11.	Tata AIG											1		1

12.	BYJU's			1	1							2	4
13.	Zycus				1								1
14.	Wipro			2		2	1	3	1				9
15.	Tata Projects		3	2	3								8
16.	BORL								2				2
17.	Sudarshan Chemical			2									2
18.	Trident Group						2						2
19.	Jaro Education			1									1
20.	PUBMATIC						1						1
21.	DCM Shriram		1	3					3				7
22.	LUPIN								9				9
23.	Negen						5						5
24.	Praedico Global Research Pvt. Ltd.	4											4
25.	Mobiloitte Technologies	3					5	2				3	13
26.	Jamna Auto			9	2								11
27.	Indian Hume Pipe		19										19
28.	Amdocs	5				1	1	2				1	10
29.	Mahindra & Mahindra			1							2		3
30.	Samsung					2						3	5
31.	Tata Motors			1							1		2
32.	Godrej			5									5
33.	GE			5									5
34.	R1RCM			2	2	2	1				1	3	11
	Total	23	30	39	39	98	162	68	21	1	9	39	531

STUDENT ACHIEVEMENTS (CAT & GATE)

CAT SCORE OF STUDENTS :

S.No.	Name of Student	Year	Percentile	Institute Admitted
Electronics Engineering				
1	Himanshu Talsani	2018	95.20	
2	Srishti Trivedi	2018	49.54	
3	Aakriti Rawat	2018	57.82	
4	Yojyata Jha	2018	87.01	
5	Mayank Saxena	2018	88.07	
6	Shaily Singh	2018	90.46	
7	Sakshi Jain	2018	71.69	
CSE				
1	Ankur Agrawal	2019	98.18	
2	Arman Gupta	2019	97.46	
3	Kanupriya Gathoria	2019	91.55	
4	Poorva Yadav	2019	87.81	
5	Chandresh Jain	2019	72.00	
6	Nidhi Singh	2019	82.16	
7	Rajat Bhadoria	2019	77.45	
IT				
1	Isha Bhargava	2019	99.32	8170082
2	Ojaswi Goyal	2019	95.08	8095894
Chemical Engineering				
1	Uttama Hande	2019	90.09	8134429

GATE QUALIFIED STUDENTS :

S.No.	Name of Student	Year	Marks Out of 100	AIR	Registration Number /Roll Number for the Exam
Civil Engineering					
1	Akanksha Shrivastava	2019	30.85	16996	CE19S75017041
2	Akash Raj Shahwal	2019	26.67	22986	CE19S75017060
3	Anmol Chawla	2019	35.73	11969	CE19S75017049
4	Anoop Rathore	2019	35.25	12426	CE19S85017040
5	Anurag Gupta	2019	41.65	7704	CE19S75017033
6	Ashma Parween	2019	45.09	5844	CE19S85017214
7	Deepali Gupta	2019	43.12	6811	CE19S85017359
8	Devendra Kumar Kourav	2019	32.95	14527	CE19S85017352
9	Ekta Raghuvanshi	2019	38.17	10061	CE19S75017211
10	Harshlata Bhutyani	2019	41.48	7794	CE19S85017183
11	Himanshu Sharma	2019	32.25	15442	CE19S75017116
12	Himanshu Sharma	2019	36.89	10984	CE19S85017245
13	Hina Bansal	2019	49.35	3954	CE19S85017298
14	Kamal Sharma	2019	54.27	2401	CE19S85017073
15	Mayank Shakya	2019	29.67	18558	CE19S85017110
16	Monika Khare	2019	38.87	9453	CE19S75017037
17	Mritunjay Raghuvanshi	2019	41.31	7892	CE19S75017197
18	Nahar Singh Rajpoot	2019	35.25	12426	CE19S85017225
19	Narendra Kumar Jha	2019	35.03	12559	CE19S75017217
20	Nilesh Yadav	2019	53.61	2585	CE19S85017173
21	Prachi Dhurwey	2019	22.78	30541	CE19S85017356
22	Pramod Kumar Lodhi	2019	32.59	15105	CE19S75017185
23	Priyanka Goyal	2019	33.94	13632	CE19S85017179
24	Pushpendra Kumar Gupta	2019	43.77	6412	CE19S85017006
25	Rahul Jatav	2019	27.7	21393	CE19S85017268
26	Rahul Singh Sengar	2019	39.84	8847	CE19S85017113

27	Raju Singh Lodhi	2019	21.09	NA	CE19S75017360
28	Ramkrishna Katare	2019	37.22	10711	CE19S85017025
29	Rohit Kumar	2019	19	40650	CE19S75017071
30	Rohit Kumar Sahu	2019	40.96	8114	CE19S75017258
31	Sandeep Meena	2019	35.25	12426	CE19S85017231
32	Sanjay Kushwaha	2019	61.17	1023	CE19S75017256
33	Shivam Narway	2019	19.35	39512	CE19S75017112
34	Som Pal	2019	30.33	17662	CE19S85017217
35	Sourabh Agrawal	2019	44.76	5993	CE19S85017351
36	Sourabh Kori	2019	22.46	31328	CE19S85017201
37	Swapnil Shukla	2019	32.59	15105	CE19S75017044
38	Twinkle Para	2019	28.03	20916	CE19S85017289
39	Vasundhara Sharma	2019	35.73	11969	CE19S75017354
40	Yash Baleja	2019	25.97	NA	CE19S75017255
Mechanical Engineering/Automobile Engineering					
1	Somesh Pal	2019	54.75	16344	ME19S25017363
2	Akash Yadav	2019	57.03	21311	ME19S25017352
3	Raj Kumar Prajapati	2019	28.59	13487	ME19S15017164
4	Anmol Pandey	2019	60.96	20014	ME19S15017114
5	Ankit Sharma	2019	57.37	5052	ME19S25017347
6	Mahimn Agnihotri	2019	41.34	15506	ME19S25017286
7	Lohit Chaturvedi	2019	56.69	1650	ME19S25017182
8	Shubham Singh	2019	69.79	2350	ME19S15017366
9	Rajendra Sahu	2019	42.65	9522	ME19S25017444
10	Amit Singhal	2019	64.51	14283	ME19S15017373
11	Swapnil Gupta	2019	38.34	4015	ME19S15017265
12	Yogesh Bajpai	2019	45.59	12944	ME19S15017353
13	Abhay Kumar Rishi	2019	67.18	7295	ME19S15017350
14	Rishabh Gupta	2019	62.81	9302	ME19S25017354
15	Divyanshu Gupta	2019	36.30	9302	ME19S25017314
16	Vimal Kumar Dwivedi	2019	35.13	6679	ME19S25017374
17	Sachin Singh	2019	31.88	2427	ME19S25017448

18	Shivam Gupta	2019	47.56	16504	ME19S15017014
19	Divyansh Singhal	2019	72.41	10074	ME19S15017420
20	Abhishek Tiwari	2019	37.32	13618	ME19S25017362
21	Yashwant Nigdikar	2019	30.88	6362	ME19S25017250
22	Manish Kumar Prajapati	2019	47.52	33302	ME19S15017148
23	Kapil Kumar Jain	2019	37.33	4553	ME19S15017002
24	Aditi Sharma	2019	42.33	6194	ME19S15017076
25	Navdeep Kumar	2019	54.75	17131	ME19S15017242
26	Utkarsh Saxena	2019	57.03	6521	ME19S25010147
27	Aman Pachauri	2019	28.59	1693	ME19S15017329
28	Rathang Pani Vashishtha	2019	60.96	15947	ME19S15017252
29	Bharat Kumar Wadhvani	2019	57.37	3241	ME19S25017376
30	Pallav Bhatia	2019	41.34	20184	ME19S25017461
31	Kautuk Mishra	2019	56.69	13487	ME19S15017174
32	Milind Omendra	2019	69.79	2378	ME19S15017104
33	Achal Sharma	2019	42.65	3831	ME19S25017244
34	Piyush Agraiya	2019	64.51	22463	ME19S25017039
35	Anshumaan Upadhyay	2019	38.34	23852	ME19S15017406
36	Parul Sahu	2019	45.59	28030	ME19S25017392
37	Deepak Kumar Mehta	2019	67.18	11965	ME19S15017309
38	Neeraj Sahu	2019	62.81	1138	ME19S15017333
39	Ajay Dubey	2019	36.30	21311	ME19S25017143
40	Anand Thakur	2019	35.13	14674	ME19S25017398
41	Priyanka Yadav	2019	31.88	29533	ME19S15017447
42	Aditi Gupta	2019	47.56	12085	ME19S25014137
43	Rohit Jain	2019	72.41	295	PI19S45017162
44	Samyak Jain	2019	37.32	215	PI19S45017255
Electrical Engineering					
1	Medha Verma	2018	286	25125	EE18S75017112
2	Ashish Bhadkariya	2018	283	25768	EE18S65016202
3	Rahul Gautam	2018	305	22158	EE18S65016185
4	Vikash Umraiya	2018	305	22158	EE18S65016130
5	Irshad Mohammad	2018	360	15607	EE18S65016329

6	Alok Singh	2018	371	14556	EE18S65016229
7	Ankush Kumar Singh	2018	400	12100	EE18S65016380
8	Vikash Khemariya	2018	404	11820	EE18S65016142
9	Swapnil Rajjput	2018	452	8733	EE18S65016074
10	Anoop Sharma	2018	470	7759	EE18S65016466
11	Saurabh Shukla	2018	488	6863	EE18S65016318
12	Bheem Sharan Gautam	2018	492	6700	EE18S65016387
13	Vaibhav Shrivastava	2018	492	6700	EE18S65016393
14	Neeraj Dhakad	2018	510	5910	EE18S65016086
15	Shriya Tiwari	2018	569	3779	EE18S65016405
16	Aayush Jain	2018	624	2373	EE18S65010101
17	Vishal Jain	2018	625	2373	EE18S65016102
18	Vivek Bilavadiya	2018	444	9175	EE18S65016463
19	Rupali Thakre	2018	356	15981	EE18S65016238
20	Ankit Kekre	2018	562	4010	EE18S65016287
21	Ayush Singh Kushwaha	2018	587	3264	EE18S65016261
22	Govind Madhav Dubey	2018	477	7370	EE18S65016231
Electronics Engineering/Electronics & Telecommunication Engineering					
1	Abhishek Patel	2018	24.33	9168	EC18S55016580
2	Priyanka Banerjee	2018	38.67	1986	EC18S55016594
3	Radhika Awasthi	2018	29.00	5620	EC18S55016387
4	Shivangi Gupta	2018	26.00	7652	EC18S55016386
5	Ashvini Kumar Sharma	2018	56.33	125	EC18S55016199
6	Shivakant Tripathi	2018	53.33	217	EC18S55016615
7	Bhanu Singh Rajpoot	2018	23.33	10096	EC18S55016390
8	Manish Singh Bhadouria	2018	26.00	7652	EC18S55016150
9	Himanshu Gupta	2018	39.00	1914	EC18S55016301
10	Abhijeet Singh Jadon	2018	32.67	3866	EC18S55016510
11	Ayush Gupta	2018	36.33	2585	EC18S55016326
12	Utkarsh Badal	2018	31.00	4600	EC18S55016103
13	Shailendra Singh Tomar	2018	31.33	4438	EC18S55016588
Computer Science & Engineering					
1	Ashwani Dongre	2019	47.67	3226	CS19S35017820
2	Snehil Saxena	2019	33.67	10213	CS19S35017738

3	Vipray Jain	2019	59	1046	CS19S35017351
4	Abhinav Lahariya	2019	56	1454	CS19S35017929
5	Amiya Tripathi	2019	68.67	280	CS19S35017669
6	Rahul Kumar	2019	35	9162	CS19S35017743
7	Akshay Kakoriya	2019	22.67	24636	CS19S35017697
8	Anuj Tiwari	2019	59	1046	CS19S35017274
9	Sanchit Minda	2019	34.33	9673	CS19S35017833
10	Raj Shukla	2019	31.67	12007	CS19S35017813
11	Rohit Gupta	2019	69.67	240	CS19S35017876
12	Manoj Kumbhkar	2019	32.67	11077	CS19S35017735
13	Abhijeet Shukla	2019	30.67	13027	CS19S35017257
14	Shubham Kewat	2019	43	4811	CS19S35017776
15	Amit Raghuwanshi	2019	61	808	CS19S35017664
16	Azad Singh	2019	55	1619	CS19S35017789
17	Chandresh Jain	2019	46	3736	CS19S35017670
18	Sakshi Parashar	2019	52.67	2050	CS19S35017472
19	Omprakash Kushwaha	2019	29	14872	CS19S35017836
20	Sachin Khatloiya	2019	23.67	22711	CS19S35017838
21	Priyanka Setiya	2019	41	5622	CS19S35017270
22	Tanish S Chauhan	2019	62	706	CS19S35017437
23	Achal Gupta	2019	44.33	4320	CS19S35017114
24	Naman Gupta	2019	49	2893	CS19S35017279
25	Amisha Garg	2019	30.67	13027	CS19S35017210
26	Simran Batra	2019	50.67	2469	CS19S35017267
27	Deeksha Tripathi	2019	34.33	9673	CS19S35017668
28	Sumit Sharma	2019	30.67	13027	CS19S35017418
29	Shivam Banerji	2019	24.33	21562	CS19S35017690
30	Vivek Khandelwal	2019	78.33	45	CS19S35017352
31	Gourav Barkle	2019	25	20483	CS19S35017768
Information Technology					
1	Prayas Bansal	2019	35.67	8707	CS19S35017444
2	Dhawal Upadhyay	2019	32.67	11077	CS19S35017752

3	Sagar Gupta	2019	52.33	2111	CS19S35017278
4	Ayush Rawat	2019	64.33	498	CS19S35014175
5	Abhishek kaushal	2019	25	20483	CS19S35017576
6	Anit Yadav	2019	27	17462	CS19S35018914
7	Sourav yadav	2019	30.33	13392	CS19S35017303
8	Neelu Verma	2019	27.33	17007	CS19S35017530
9	Bhaves Lodha	2019	41.67	5318	CS19S35017886
10	Vishal Singh	2019	40	6124	CS19S35010197
11	Parth Malhotra	2019	33	10776	CS19S35017873
12	Samarth Gupta	2019	30.33	13392	CS19S35017293
13	Vatsalya	2019	35.33	8942	CS19S35010326
14	Yashdeep Awasthi	2019	41.67	5318	CS19S35010324
15	Aparna Jain	2019	44.33	4320	CS19S35017923
Chemical Engineering					
1	Parnika Shrivastava	2019	42.00	1467	CH19S35017193
2	Abhishek Awasthi	2019	50.00	669	CH19S35017155
3	Vibhor Arora	2019	37.00	2158	CH19S35017073
4	Rajveer Dhakad	2019	34.67	2535	CH19S35017147
Biotechnology					
1	Neha Joshi	2019	35.33	1587	BT19S45017141
2	Rakshita Saxena	2019	46.00	417	BT19S45013147
Architecture					
1	Harshita Sharma	2019	43.00	1247	AR19S45017274
2	Amiksha Jain	2019	43.33	1196	AR19S45017268
3	Radhika Sarda	2019	46.00	837	AR19S45017277
4	Aditya Pratap Singh	2019	44.33	1056	AR19S43036090
5	Kajal Indurakhya	2019	45.33	923	AR19S42115019
6	Sonal Bagga	2019	44.33	1056	AR19S45017112
7	Mragank Gupta	2019	42.33	1333	AR19S45017187
8	Deepankshi Verma	2019	44.00	1095	AR19S45017067
9	Gargee	2019	44.00	1095	AR19S45017028

STUDENT PARTICIPATION IN TECHNICAL EVENTS OUTSIDE INSTITUTE

S.No.	Name of Activity/Student Name	Date	Activity Detail in Brief	Level of Activity	Achievements. If any
Mechanical Engineering					
1.	PRARAMB, IIM Udaipur	3/2/2019			
2.	T Tech Star	6/10/2018		National Level	First Prize
3.	HUNAR 2.0 In search of GEN Y Entrepreneurs	2018-2019			
4.	Startup India Madhya Pradesh Yatra 2018	3/8/2018	Innovation /Idea		
5.	National Superkarting Championship - Season 1(24th - 27th September 2018)		Superkarting Championship-	National Level	7th out of 65 teams
6.	E- National Kart Racing Championship 2017		Kart Racing Championship	National Level	1st Position in Business Presentation
7.	National Kart Racing Championship 2017(29 Sept. -3 Oct 2017)		Kart Racing Championship	National Level	16th Position in Endurance Round
8.	International Go Kart Championship 2017		Kart Racing Championship	National Level	-
9.	National Kart Racing Championship 2016		Kart Racing Championship	National Level	45th out of 250 teams all over India
10.	International Go Karting Championship 2016		Go Kart Racing Championship		-
11.	BAJA 2019 (Dynamic Round)	2019	Manufactured an off road vehicle and presented at Indore.		
12.	BAJA 2019 (Virtual Round)	14/07/2018	- Vehicle manufactured by various teams was presented - Every team showcased their Idea of how they will manufacture their buggy		

13.	BAJA 2017	JUNE 2017	Presented design report on off road vehicle		
Electrical Engineering					
1.	Jyoti Tomar	22-24 Oct, 2018	IEEE International Conference on Power Electronics, Intelligent Control & Energy Systems (ICPEICES)	DTU, Delhi	
2.	Shashwat Tiwari	6-7 Dec, 2018	Southeastern- Atlantic Regional Conference on Differential Equation (SEARCDE)	Gainesville Campus of University of North Georgia	
3.	Saurav Patel		Mind Maze event, Tryst 18	IIT, Delhi	
4.	Ayush Tripathi		Mind Maze event, Tryst 18	IIT, Delhi	
5.	Siddhant Chauhan	26-27 July, 2018	Rajasthan Hackathon 5.0	Bikaner	
6.	Ankit Sahu	02 Feb 2019	National level quizzing event ChimeraX	MANIT, Bhopal	
7.	Nitish Shah		Incredible India Quiz 2018	Ministry of Tourism	
8.	Himanshu Kumar Singh		Digital Marketing Basic Course	Digital Deepak, Bengaluru	
9.	Himanshu Kumar Singh	04 April 2018	Paper published in International Journal of Engineering Research and Applications (IJERA)		
10.	Himanshu Kumar Singh	12 Jan 2019	AdWords Fundamentals and Video Advertising Exam passed	Google AdWords	
Electronics Engineering					
1.	INFOTSAV 19 IIITM Gwalior	08/02/2019 to 09/02/2019	DRONE SHOT	Inter College	2nd Position
CSE/IT					
1.	ICPC (Harendra Chhekur Pawan Kushwah Yogendra Singh Jadon)	18 Dec 2018	All India programming contest organized by ACM & Codechef , Kolkata region	National Level	581 AIR & selected for onsite contest
2.	ICPC (Atharva Sharma Ayush Mittal)	18 Dec 2018	All India programming contest organized by ACM & Codechef ,	National Level	242 AIR & selected for onsite contest

	Ashutosh Singh Tomar Harsh Chaudhary (R))		Gwalior & Pune region		
3.	X-calibre	14 Sept 2018	Conducted by ISTE Student Chapter	Inter College	Winner-Himani Wardhani
4.	Techfest IIT Bombay	14 Dec 2018	Computer Vision workshop conducted by Techfest, IIT Bombay	International Level	
5.	NPTEL Online Certification	Aug-Oct 2018	Introduction to Machine Learning course conducted by NPTEL	National Level	Elite Certificates to all participants
6.	Soft Computing and Programming for Science and Engineering Research	15-20 Sep 2018	National Programme on “Soft Computing and Programming for Science and Engineering Research” conducted by the Electronics and ICT Academy, PDPM indian institute of information technology, Design and Manufacturing , Jabalpur	National Level	
7.	Neural Networks and Deep Learning	Jan 2019	online non-credit Certification course authorized by deeplearning.ai and offered through Coursera	International Level	
Chemical Engineering					
1	Kartikeya Pandey	10 – 14 Oct., 2018	Industrial Applications of Heat Transfer operations, Short term course on Heat Transfer at MNIT Allahabad.	National	
2	Dhiraj Deshmukh	10 – 14 Oct., 2018	Industrial Applications of Heat Transfer operations, Short term course on Heat Transfer at MNIT Allahabad.	National	
3	Praveen Kaurwar	10 – 14 Oct., 2018	Industrial Applications of Heat Transfer operations, Short term course on Heat Transfer at MNIT Allahabad.	National	
4	Paper Presentation	6-8 sep. 2018	Presented a paper entitled “Treatment of waste water containing pesticides in aerobic bioreactor” at International conference on sustainable water resources innovations and impacts” held on 6-8 September, 2018 at the	National	

			school of Chemical Engineering VIT, Vellore.		
5	Poster Presentation	22-25 Nov. 2018	Presented a Poster entitled “Novel study on performance evaluation of hybrid treatment process used for remediation of organophosphate pesticides containing wastewater” at International conference on biotechnology research and innovation for sustainable development (BioSD)-2018” held on 22-25 November, 2018 at CSIR-Indian Institute of Chemical Technology, Hyderabad in association with BRSI, India and IBA-IFIBiop, France	National	
6			Honoured with a bountiful tree at Trees for rural committee, Anathpur, Andhra Pradesh on November 22, 2018 by organizing committee BIoSd-2018.	National	
7	Poster Presentation	6-7 Dec. 2018	Presented a Poster entitled “Fabrication of low cost ceramic membrane for oily waste water” at International conference on bioprocess for sustainable environment and Energy (ICBSEE) -2018” held on 6-7 December, 2018 at NIT Rourkela.	National	
8	Poster Presentation	26-27 Oct. 2018	Presented a Poster entitled “Graphene in nano solar cell” at International conference on Renewable energy for sustainable environment (RESD) -2018” held on 26-27 October, 2018 at Maharana Pratap college of Technology, Gwalior.	National	

9	Poster Presentation	6-7 Dec. 2018	Presented a Poster entitled “Treatment of colored waste water by hybrid bioreactor using isolated Alcaligenes species” at International conference on bioprocess for sustainable environment and Energy(ICBSEE) -2018” held on 6-7 December,2018 at NIT Rourkela and awarded with the Best Poster.	National	
Architecture					
	Amaravati Design Challenge 2019 , Team Breathing Paradise 1. Shivani Dolas 2. Sajal patidar 3. Lisha Patel 4. Prasansha Parashar	14 th February, 2019	The <i>finalists for the stage-2 design jury</i> which is to be held at Novotel, Vijayawada, <i>Andhra Pradesh</i> as a part of the Happy Cities Summit – 2019.	National Level	Winner Rs. 25000/-
	CERA Wb Washroom Design Challenge 2018 for Architecutre and Interior Design Students B. Architecutre IV Year 1. Sinddant Vishvkarma	15 th February, 2019	For Architecutre and Interior Design Students	Zonals (West)	Second Prize
	CERA Wb Washroom Design Challenge 2018 for Architecutre and Interior Design Students B. Architecutre III Year 1. Omeshwari Darpure 2. Surbhi Dubey	15 th February, 2019	For Architecutre and Interior Design Students	Zonals (West)	Third Prize
	CERA Wb Washroom Design Challenge 2018 for Architecutre and Interior Design Students	8.03.2019	Invited for National	National	
	Institue for Steel Development & Growth (INSDAG) B. Arch. IV Year Students 1. Mayur Agrawal 2. Prachi Tiwari 3. Surbhi Garg 4. Akshay Darwal	7-8.02.2019	National Innovative use of Steel as a medium of Architecutrural Expentions in Design of International Airport proposed by AAI	National Level	Short listed for Final Evaluation Round and represent MP
	Z-NASA, 2019 SJBIT College,	18.01.2019-	Annual NASA Convention is the	National & Intern	Short listed :

	Banglore	23.01.2019	annual get together of National Association of Students of Architecture . It is a four-day-long event held towards the end of January and is attended by around 5,000 students. Called <i>Annual NASA</i> when it was started sixty years ago, the convention has gone on to become an integral part of all architecture colleges not only in India but as well as in the SAARC Nation.	ational Level	Nari Gandhi Trophy 2018-19 Gharha Trophy
	Birla White Yuvaratna Awards to the students of B. Arch. 1 st and 2 nd Year No of students present from 1 st Year = 16 No of students present from 2 nd Year = 23 Total 36 Students	15.02.2019	The Birla White Yuvaratna Awards and Yuvaratna NXT which is a PAN India level of competition conducted by Birla White every year. The theme for 1 st and 2 nd year students for Yuvaratna is to design an Anganwadi in an innovative way	National	Submission
	Ethos India Transparance 1. Sajal Patidar 2. Kanchan Choudhary 3. Pransha Parashar	Jan, 24 2019		Transparance – Weat Regionak Jury	Special Recognition

STUDENT PARTICIPATION IN TECHNICAL EVENTS INSIDE THE INSTITUTE

S.No.	Name of Activity/Student Name	Date	Activity Detail in Brief	Level of Activity	Achievements. If any
Mechanical Engineering					
1.	SRIJAN-2019, MITS Gwalior	23/02/2019	1. Mobile Robo Race. 2. Innovative Idea. For Social Reform. 3. Poster Representation. 4. Smart Intelligent Model For Tree Water Supply.		
2.	Soccer Bot League – 2018 (A) Robotic Based Football	22/09/18- 24/09/18	Students learnt the basics of arduino Controlled robotics		

	Competition)				
3.	EFFICYCLE	DEC 2017	Fabricated an energy efficient ecofriendly tricycle vehicle		
4.	Workshop on Automotive Styling & Design	25/02/17-04/03/17	Students were taught Car designing, Project designing, cutting, software		
5.	Workshop on Vehicle Dynamics (3days)	24/09/16 - 26/09/2016	Students learnt about different parts, assembling and disassembling of Engine		
6.	DY'SGNO & CYPHER	06/09/2014	Quiz Competition - Automobile related activities		
Electrical Engineering					
1.	Ankit Sahu	14-23 Sept, 2018	National Level Technical Conclave	MITs, Gwalior	
2.	Shalu Singh	15 Sept, 2018	FOCUS photography Competition	MITs, Gwalior	
3.	Ayushi Gupta		Capgemini Tech Challenge 2018	MITs, Gwalior	
4.	Shalini Singh	13-14 Aug 2018	Mock Recruitment Drive	MITs, Gwalior	
5.	Shalini Singh	22-23 Sept 2018	Antenna Designing Workshop	MITs, Gwalior	
6.	Himanshu Kumar Singh	23 Sept 2018	IET On campus Fest	MITs, Gwalior	
Electronics Engineering					
1	ROBOSYM 2.0	16-09-18	Water Rocket competition organised by ASIMOV ROBOTICS Club	Inter-College	1 st position by MITs students
2	Expert Talk	23-09-18	Topic : Image processing organized by ASIMOV ROBOTICS Club	College	-
3	One Day Workshop	06/10/18	Topic : Web Development organised by ASIMOV ROBOTICS Club	College	-
CSE/IT					
1.	Hackathon	22-23 Feb 2019	48 Hours Activity to Develop Code against given problem set by Facebook Developer Circle, Indore	National	Winner team from was IT and first runner up was from CSE.
2.	AlgoRythm	23-24 Feb 2019	Series of programming events	Inter College	Various programming challenge has been solved

					by the student during event
3.	How to write patent	21 July 2018	Workshop on “How to write Patent” organised by IET, Student chapter, MITS, Gwalior	Inter College	
4.	National Seminar on Digital Transformation & Contribution of Engineers For Society jointly	16 Sep 2018	National Seminar on Digital Transformation & Contribution of Engineers For Society jointly organised by IEEE (M.P. Subsection & Student Chapter, MITS, Gwalior)	National Level	
5.	Soft Computing Techniques & ct’s Applications	18-19 Jan 2019	Workshop “Soft Computing Techniques & It’s Applications” organised by Dept. of CSE & IT under TEQIP-III	National Level	
6.	Advanced Optimization Techniques and Research Directions	16-17 Nov 2018	National workshop on “Advanced Optimization Techniques and Research Directions” under TEQIP-III	National Level	
7.	Digital Marketing Workshop	24 Feb 2018	Digital Marketing Workshop at MITS, Gwalior	Inter College	

STUDENT PARTICIPATION IN SPORTS/EXTRA-CURRICULAR/CULTURAL EVENTS INSIDE THE INSTITUTE

S.No.	Name of Activity/Student Name	Date	Activity Detail in Brief	Level of Activity	Achievements. If any
Electronics Engineering					
1	“SPARDHA”	27 Jan. – 03 Feb., 2019	Sports Fest “SPARDHA”, MITS Sports Club	National	
2	Water Rocket Competition	16 -08-2018	ASIMOV Robotics Club		
3	Logo Design	09/02/2019	Design Logo under in Art Club (32)	Institute	Cash Prize to Winner and Certificate to all
4	Sketching Competition	09/02/2019	B.E, B.Arch Students (60) involved in Sketching Competition		Cash Prize to Winner and certificate
Applied Sciences					
1	Reforms in Election Process in	02 February 2019	Debate on Reforms in Election	In-house	Approx. 55 Students

	Necessary		Process is Necessary in both languages Hindi and English medium of speaking in Against and in Favour		Participated
2	Blood donation camp in collaboration with Red Cross Society	30 th Sep. 2018	Department has organized a blood donation camp in collaboration with Red Cross society in the memory of H. H. Shrimant Madhav Rao Scindia on 30 th Sep. 2018. 150 students donate blood for humanities. An appreciation certificate has been given to students donating blood	In-house	150 students donate blood for humanities
3	YOGA Camp	18 August 2018	Department has organized a yoga camp in the institute on 18-08-2018 for the students and faculty member of the institute. Around 90 people attended the program.	In-house	90 people attended the program
4	A Musical event 'Auditions'	15 September 2018	A musical event 'Audition' was organized on 15/09/2018 under the supervision of Dr. Shourabh Bhattacharya (Faculty in-charge, Music Club). This was an audition event to select members of music club.	In-house	Approx. 60 students participated
5	Motivational talk on 'Women Empowerment'	08 March 2019	Department has organized a motivational talk on 'Women Empowerment' on the occasion of International Women's day on 08-03-2019. Dr. Ranjna Tiwari, Professor, Department of community Medicine Gajra Raja Medical College Gwalior was delivered the enthusiastic and motivating talk.	In-house	About 300 students have attended

STUDENT PARTICIPATION IN SPORTS/EXTRA-CURRICULAR/CULTURAL OUTSIDE THE INSTITUTE

S.No.	Name of Activity	Date	Activity Detail in Brief	Level of Activity	Achievements. If any
Mechanical Engineering					
1	Volley Ball Tournament	21/10/2018		Nodal Level	
2	Atheletics (Nodal level)	13/10/2018		Nodal Level	
3	Cricket Tournament	13/10/2018		Nodal Level	
4	Table Tennis Tournament	11-12/10/2018		RGPV State Level	First Rank
5	Basket Ball Tournament	2/10/2018		Nodal Level	
6	Football Tournament (Nodal Level)	6-7 Sept. 2018		Nodal Level	
Electrical Engineering					
1	Deependra Basediya	10 June 2018	Solo Dance Competition in Abhiyudha vol 5	Gwalior	
2	Deependra Basediya	06 Jan 2019	Bang Bang Dance Championship season - 2, Rockzone Dance Studio	Morena	
3	Aman Saxena	02 Oct 2018	NSS Rally under clean India Campaign	Gwalior	
4	Divya Sharma,		THOMSO 2017- a Magical Fantasia	Indian Institute of Technology Roorkee	
5	Kanak Garg		THOMSO 2017- a Magical Fantasia	Indian Institute of Technology Roorkee	
Electronics Engineering					
1	TECHNEX	16-02-18 to 18-02-18	IIT (BHU), Varanasi (Maze Explorer)	National	
2	Music VOICE of Gwalior	Sep. 2018	JCI Club, Hotel Clarks INN	Music VOICE of Gwalior	(Runner Up)
3.	Research Paper Acceptance Certificate	02/02/2018	International Journal of Scientific and Engineering Research (IJSER)	International	Accepted
4	Techstarts	05/10/2018 to	Organiser start up weekend Gwalior,	State Level	

		07/10/2018	powered by Google for entrepreneurs		
5	Band Performance	03/02/2019	HUM Foundation	College Level	
6	Band War	12/02/2019	Amity University	College Level	
7	Blazing Wheel Competition	8 Feb 2019	INFOTSAV ABV-IIITM, Gwalior	State Level	
8	ZEE SA RE GA MA 2018	Sep. 2018	ZEE TV		Reached 3rd Level
9	Winner Open MIC	Oct. 2018	NOJOTO, IIITM Gwalior	State Level	
CSE/IT					
1	Badminton Tournament (Aditya Vikram)	27-28 September 2018	Inter-College Badminton Tournament	Nodal Level (Gwalior)	Member of Winning Team
2	Football Tournament (Ajay Gupta, Amardeep Patel & Vivek Kirar)	6-7 September 2018	Inter- College Football Tournament	Nodal Level (Gwalior)	Member of Winning Team
3	Cricket Tournament (Rishabh Janwal, Rishabh Paroha, Harshal Mahajan)	13 October 2018	Inter- College Cricket Tournament	Nodal Level (Gwalior)	Member of Winning Team
4	Basketball Girls Tournament (Jyotsna Pandit, Tanisha Nigam, Parul Jain)	2 October 2018	Inter- College Basketball Tournament	Nodal Level (Gwalior)	Member of Winning Team
5	Basketball Men Tournament (Alok Kumar, Avinash Tiwari)	2 October 2018	Inter- College Basketball Tournament	Nodal Level (Gwalior)	Member of Winning Team
6	Nodal & State Basketball (Alok kumar)	9 October 2018		State Level	Won Silver Medal
Chemical Engineering					
1	Amichroma Event	12 February	Band War in Amity University		Winner MITS Music Club
2	Humara Adda	09 February	Humara Adda (HUM Society)		Winner MITS Music Club
Architecture					
1	International Dance Festival Udbhav, 2018, Gwalior	Oct, 2018	Student Prachi Tiwari, Kartika Koshik and Group Got Second Prize in Semi Classical Open Category International Dance Festival Udbhav, 2018	International	Second Prize in Semi Classical Open Category

ACTIVITIES ORGANIZED BY THE SPORTS CELL

S. No.	Name of Activity	Date	Activity Detail in Brief	Number of Student Participate/ Team Participated in Tournament	Level of Activity	Achievements. If any
1	Inter-Collegiate Volleyball (Boy's) Tournament	21.10.2018 - 22.10.2018	Tournament organized in RJIT, Tekanpur, Gwalior, M.P.	12	Gwalior Nodal	Winner
2	Inter-Collegiate Volleyball (Girl's) Tournament	21.10.2018 - 22.10.2018	Tournament organized in RJIT, Tekanpur, Gwalior, M.P.	12	Gwalior Nodal	Winner
3	Inter-Collegiate Badminton (Boy's) Tournament	27.09.2018 to 28.09.2018	Tournament organized in IPS, College, Gwalior, M.P.	05	Gwalior Nodal	Winner
4	Inter-Collegiate Badminton (Girl's) Tournament	27.09.2018 to 28.09.2018	Tournament organized in IPS, College, Gwalior, M.P. Tournament	05	Gwalior Nodal	Winner
5	Inter-Collegiate Football (Boy's) Tournament	07.10.2018 to 08.10.2018	Tournament organized in SRCCEM, Banmore Distric Morena, M.P.	16	Gwalior Nodal	Winner
6	Inter-Collegiate Chess Tournament	22.10.2018 to 23.10.2018	Tournament organized in BITS, Gwalior, M.P.	05	Gwalior Nodal	Runner`sup
7	Inter-Collegiate Table Tennis (Boy's) Tournament	11.10.2018 to 12.10.2018	Tournament organized in NRICEM, Gwalior, M.P.	05	Gwalior Nodal	Winner
8	Inter-Collegiate Table Tennis (Girl's) Tournament	11.10.2018 to 12.10.2018	Tournament organized in NRICEM, Gwalior, M.P.	05	Gwalior Nodal	Winner
9	Inter-Collegiate Basket Ball(Boy`s) Tournament	02.10.2018 - 04.10.2018	Tournament organized in MITS, Gwalior, M.P. 08 Number of Term Participated	96	Gwalior Nodal	Runner`sup
10	Inter-Collegiate Basket Ball Table Tennis (Girl`s) Tournament	02.10.2018 - 04.10.2018.	Tournament organized in MITS, Gwalior, M.P. 05 Number of Term Participated	60	Gwalior Nodal	Winner
11	Inter Nodal level Basket Ball (Girl`s) Tournament	09.10.2018	Tournament organized in MITS, Gwalior, M.P. 07 Number of Term Participated	84	State Level	Participated
12	Inter Nodal level Basket Ball (Boy`s) Tournament	09.10.2018	MITS, Gwalior, M.P. 07 Number of Term Participated	84	State Level	Runner`sup
13	H.H. Shrimant Madhav Rao Scindia Memorial Cricket Tournament	04.03.2019 - 10.03.2019	Tournament organized in MITS, Gwalior, M.P. 09 Number of Term Participated	144	National Level	Participated

NON-TEACHING STAFF ATTENDED TRAINING/WORKSHOP ETC.

S.No.	Name of Staff	Activity	Event Venue	Date(s)	Duration
Civil Engineering					
1	Sushma Khare	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
2	M.L. Sahu	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
3	Rajendra Pawse	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
Mechanical Engineering					
1	Brijesh Kumar Mishra	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
2	Ram Mahor	STC	PET Gwalior (Govt. of India)	11 Feb to 23 March 2019	40 days
3	Praveen Gupta	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
4	Sanjay Tiwari	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
5	M.S. Kushwah	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
Electrical Engineering					
1	R.S. Yadav	Short term course on Introduction of Transducers/ Sensors for Industrial Automation	ATI EPI Dehradun	11-15 June 2018	One week
2	Rajesh Sharma	Short term course on Introduction of Transducers/ Sensors for Industrial Automation	ATI EPI Dehradun	11-15 June 2018	One week
3	Shashi Goel	Hands-on Practices on Lab-view NI-ELVIS	NITTTR Chandigarh	31 st July-04 th August-2018	One week
4	Habib Khan	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
5	Shashi Goel	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
6	Devendra Singh	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
7	Rajesh Sharma	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
Electronics Engineering					
1	Sumita Swaitul	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
2	D.S. Tomar	Internet security	NSTI Dehradun	4-8 march 2019	5 days
3	Shiva Patel	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
4	G. Pophali	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
5	S.R. Das	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
Computer Science and Engineering					
1	Sanjay Aroliya	Training on Internet of Things organized by Advance Tech India Pvt. Ltd in collaboration with Dept of CSE/IT	MITS, Gwalior	Sept 4-8, 2018	5 days

2	Sanjay Aroliya	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
Chemical Engineering					
1	Sanket Mudgal	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
Biotechnology					
1	Kanti Bisht	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
Applied Sciences					
1	Sadhya Sharma	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
Architecture					
1	Vivek Jain	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
Dean Academics Office					
1	Atul Chauhan	Gem procurement process	SPIU Bhopal	11 Apr. 2019	1 day
2	Rajni Sharma	Training Programme on Lab Practices under TEQIP- III	MITS, Gwalior	17.06.2019 - 22.06.2019	One week
Account Office, Establishment, General Office, T & P Office, DSW Office, Nodal Centre & Hostel Staff					
1	Chandrakant Velankar	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
2	Manish Gupta	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
3	Narendra Singh Rawat	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
4	Rustam Singh Jadon	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
5	Anita Shakya	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
6	Akram Ahamad	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
7	Vasundhara Bajpai	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
8	Kamlesh Chandra Tiwari	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
9	Khel Chand Behrani	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
10	Sushil Kumar Arya	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
11	Love Sharma	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
12	Sanjeev Yagnik	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
13	Nand Kishore Rajak	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
14	Jyoti Pal	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days
15	Mukesh Shakya	Advance Office Management & Administrative Skills	MITS, Gwalior	19.09.2018 - 23.09.2018	5 days

Annexure XXV

TEACHERS ATTENDING PROFESSIONAL DEVELOPMENT PROGRAMMES, VIZ., ORIENTATION PROGRAMME, REFRESHER COURSE, SHORT TERM COURSE, FACULTY DEVELOPMENT PROGRAMMES

S. No.	Name of Faculty	Name of Event	Event Venue	Date(s)	Duration
1	Prof. Manish Sharma	STC	IIT, Delhi	02-03-2019 to 06-03-2019	5 Days
2	Mayank Ahirwar	STC	IIT, Roorkee	02-04-2019 to 06-04-2019	5 Days
3	Dr. V. P. Shinde	STTP on Advanced Research Techniques.	SVIT, Surat	03-07 June 2019.	One Week
4	Prof. Sharad Agarwal	Summer Training Program	IIT, Kharagpur	04-01-2019 to 08-01-2019	5 Days
5	Prof. Dinesh Kasdekar	Summer Training Program	IIT, Kharagpur	04-01-2019 to 08-01-2019	5 Days
6	Prof. Himmat Singh	Short term course on Fundamentals of Robotics and Artificial Intelligence under TEQIP-III	IIT, Guwahati	04-08 Feb-2019	One week
7	Dr. Vijay Bhuria	Short term course on Fundamentals of Robotics and Artificial Intelligence under TEQIP-III	IIT Guwahati	04-08 Feb-2019	One week
8	Prof. Pooja Sahoo	Short Term Programme RF and Microwave Antennas	MITS, Gwalior	05/01/2019 to 09/01/2019	5 days
9	Prof. Madhav Singh	One Week Short Term Programme RF and Microwave Antennas	MITS, Gwalior	05/01/2019 to 09/01/2019	5 days
10	Prof. D. K. Parsediya	Short Term Programme on Modern Antennas for Wireless Communication	IIT, Kharagpur	06/10/2018 to 10/10/2018	5 days
11	Dhruv Maggu	STC	IIT, Indore	08-04-2019 to 12-04-2019	5 Days
12	Dr Valiur Rahaman	An Online Refresher Course on English Language Teaching (ARPIT) Going on	Ugc-Mhrd Coordinator Prof. Joshi Hrdc, Gujarat University	1.11.2018-28.2.2019	40 hrs
13	Bhawna Shrey	Attended AICTE Sponsored Short-Term Course on "Assuring Global Quality in Technical Education Through Outcome Based Education	Organized by IQAC, Gwalior	10.03.2018-11.03.2018	02 Days
14	Prof. Ashis Patra	Short term course on Assuring Global Quality in Technical Education Through Outcome Based Education	MITS, Gwalior	10-14 March 2018	One Week

15	Dr Vijay Bhuria	Short term course on Assuring Global Quality in Technical Education Through Outcome Based Education	MITs, Gwalior	10-14 March 2018	One week
16	Prof. Kuldeep Swarnkar	AICTE-QIP Sponsored Short Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education”	MITs, Gwalior	10-14 March 2018	One week
17	Prof. Vishal Chaudhary	AICTE-QIP Sponsored Short Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education”	MITs, Gwalior	10-14 March 2018	One week
18	Prof. Rakesh Narvey	Short term course on Emerging trends in Internet of things (IOT) and Cyber Security Applications in Smart Grid.	DTU, New Delhi	12 – 16 March 2018	One week
19	Dr. C.S. Malvi	STC	NITTTR, Bhopal	13-05-2019 to 17-05-2019	5 Days
20	Prof. Sharad Agarwal	FDP	IIITDM, Jabalpur	13-10-2018 to 17-10-2018	5 Days
21	Prof. Dinesh Kasdekar	FDP	IIITDM, Jabalpur	13-10-2018 to 17-10-2018	5 Days
22	Prof. Vishal Chaudhary	Short Term Course on “Advanced Optimization Techniques for Engineering Applications”	NIT, Kurukshetra, Haryana	13-17 January 2018	One week
23	Dr. D.K. Jain	One Week Short Term Training Program Under QIP on “ <i>Optimization Techniques Using Nature Inspired Algorithms for Engineering Applications,</i>	Department of Electrical Engineering MITs Gwalior (M.P.).	13 th -17 th February 2019	One Week
24	Ms. Jaimala Jha	STC on Intelligent Computing Techniques in Data Mining and Image Processing	MITs, Gwalior	1-5 Feb 2019	One Week
25	Prof. Ashis Patra	Short term course on Optimization Technique And its Engineering Applications	MITs, Gwalior	15-19 March 2018	One Week
26	Dr. Shishir Dixit	Short term course on Optimization Techniques and its Engineering Applications	MITs, Gwalior	15-19 March 2018	One Week
27	Dr Vijay Bhuria	Short term course on Optimization Techniques and its Engineering Applications	MITs, Gwalior	15-19 March 2018	One week
28	Neeraj Mishra	STC	NIT, Jalandhar	17-12-2018 to 22-12-2018	5 Days
29	Dr. Abhay Mishra	One week STC on Newer Experiments in Engineering Physics	NITTTR, Chandigarh	18-22 Feb 2019	One Week
30	Dr. A.K. Wadhwani	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
31	Prof. Ashish Patra	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week

32	Dr. Sulochana Wadhvani	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
33	Dr. Shishir Dixit	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
34	Prof. Himmat Singh	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
35	Dr. Vijay Bhuria	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
36	Prof. Kuldeep Swarnkar	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
37	Prof. Praveen Bansal	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
38	Prof. Vishal Chaudhary	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
39	Prof. Vedansh Chaturvedi	STC	IITBHU, Varanasi	22-02-2019 to 28-02-2019	5 Days
40	Dr. A.K. Wadhvani	Short Term Training Course on Advanced Biological and Chemical Understanding of Disease and Therapeutics	IIT, Indore	22-24 June 2018	Three days
41	Dr Garima Singh Baghel	Attended Faculty Training Programme	IIT, Indore	24 to 28 June 2019	1 Week
42	Umesh Guramwar	Attended Faculty Training Programme	IIT, Indore	24 to 28 June 2019	1 Week
43	Sachin Singh	Attended Faculty Training Programme	IIT, Indore	24 to 28 June 2019	1 Week
44	Umesh Guramwar	Attended AICTE Sponsored Short-Term Course on “Assuring Global Quality in Technical Education Through Outcome Based Education”	Organized by IQAC, Gwalior	25.01.2018-29.01.2018	02 Days
45	Prof. Krishan Kumar Yadav	Teachers Training Program	NITTTR, Chandigarh	25-02-2019 to 01-03-2019	5 Days
46	Prof. Ajay Singh Rajput	Teachers Training Program	NITTTR, Chandigarh	25-02-2019 to 01-03-2019	5 Days
47	K.K. Yadav	FDP	NITTTR, Chandigarh	25-02-2019 to 01-03-2019	5 Days
48	Dr. Anjula Gaur	Faculty training program on “Basics of Thermodynamics and Lab	NITTTR, Kolkata.	27 Jan-1 Feb, 2019	One Week
49	Dr. S. Bhattacharya, Prof. Jitendra Kumar	Faculty training program on “MATLAB and Simulink: Fundamentals”	NITTTR, Kolkata	27 Jan-1 Feb, 2019	One Week
50	Prof. Vishal Chaudhary	AICTE Sponsored Short Term Course on “Numerical Methods in Electromagnetics”	MITS, Gwalior	27-31 January 2018	One week
51	Dr. Laxmi Srivastava	Professional development programme	IIM, Kozhikode	28-Jan – 01-Feb 2019	One week

52	Dr. Manjaree Pandit	Professional development programme	IIM, Kozhikode	28-Jan – 01-Feb 2019	One week
53	Prof. Utkarsh Srivastav	STC	IITBHU, Varanasi	29-10-2018 to 03-11-2018	5 Days
54	Dr. M.K. Sagar	QIP-STC	IITBHU, Varanasi	8-10-2018 to 13-10- 2018	5 Days
55	Bhawna Shrey	Completed FDP on Technical English for Engineers	Organized by IIT, Madras Through NPTEL	August to September 2018	1 Week
56	Umesh Guramwar	Completed FDP on Technical English for Engineers	Organized by IIT, Madras Through NPTEL	August to September 2018	1 Week
57	Umesh Guramwar	Completed FDP on Introduction to Literary Theory and Criticism	Organized by IIT, Madras Through NPTEL	August to September 2018	1 Week
58	Umesh Guramwar	Completed FDP on Applied Linguistics	Organized by IIT, Madras Through NPTEL	August to September 2018	11/2 Weeks
59	Prof. Praveen Bansal	One Week short term course Resilient Power Grid Operation Using Synchrophasor Technology: A Smart Grid Operation Perspective	Delhi Technological University	December 17-21 ,2018	One Week
60	Ashish Varma	Attended on line NPTL Courses/FDP on the following topics:	on line NPTL Courses/FDP	Jan to April 2019	-
		1. Transform Calculus and Its Applications in Differential Equations.			
		2. Advanced Engineering Mathematics.			
		3. Mathematical Methods and Its Applications.			
61	Bhawna Shrey	Completed FDP on Introduction to Cultural Studies	Organized by IIT, Madras Through NPTEL	July to September 2018	1 _{1/2} Weeks
62	Ms. Namrata Agrawal	FDP on DBMS	NPTEL	July-Sep 2018	2 Months
63	Ashish Varma, Prachi Sharma, Debrath Singh and Hanshnath Tiwari	FDP on ‘Advanced Pedagogy and Digital Tool’ under TEQIP III.	IIT, Indore	June 24-28, 2019	One Week
64	Dr. Prachi Sharma, Prof. Deobrat Singh	Faculty Development Program, “Physics and Technology of Materials”	ABV-IIITM Gwalior	October 08-14, 2018	One Week