



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

ANNUAL PROGRESS REPORT

(First Draft : 16/07/2019)

For

(The Academic Year July 2018-June 2019)



ANNUAL PROGRESS REPORT

Major Activities & Achievements (Assessment Period: July 2018-May 2019)

1. RESULT SUMMARY

Summary of B.E. /B.Tech./M.E./M.Tech./MUP/MCA Semester wise Result Analysis Report Examination : (December – 2018 & June – 2019)

Programme	Course (UG/PG)	Semester	Appeared	Pass	Percentage
B.Tech. (I st Year)	UG	1 st	1022	723	71%
		2 nd	873	728	83%
B.Tech. (II nd Year)		3 rd	916	696	76%
		4 th	932	737	79%
B.E. (III rd Year)		5 th	855	789	84%
		6 th	947	816	86%
B.E. (IV th Year)		7 th	855	789	92%
		8 th	886	859	86%
B.Arch. (I st Year)		1 st	39	29	74%
		2 nd	36	35	97%
B.Arch. (II nd Year)	3 rd	41	37	90%	
	4 th	40	35	87%	
B.Arch. ((III rd Year)	5 th	39	38	97%	
	6 th	40	37	92%	
B.Arch. (IV th Year)	7 th	29	29	100%	
	8 th	29	29	100%	
B.Arch. (Final Year)	9 th	40	40	100%	
	10 th	40	40	100%	
	6 th	60	60	100%	



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Programme	Course (UG/PG)	Semester	Appeared	Pass	Percentage
M.E. (I st Year)	PG	1 st	66	30	45%
		2 nd	36	33	91.66%
M.E. (II nd Year)		3 rd	55	39	71%
M.TECH. (I st Year)		1 st	68	40	59%
		2 nd	39	34	87%
M.TECH. (II nd Year)		3 rd	71	64	90%
MUP (I st Year)		1 st	19	17	89%
		2 nd	15	14	93%
MUP (II nd Year)		3 rd	15	13	86%
MCA (I st Year)		1 st	43	17	39%
		2 nd	25	22	88%
MCA (II nd Year)		3 rd	78	52	66%
		4 th	64	53	82%
MCA (III rd Year)		5 th	61	51	83%

1.1 ANNUAL SUCCESS INDEX, WITHOUT BACKLOG (SEPARATELY FOR EACH UG PROGRAMME IN THE DEPARTMENT)

Branch	No. of Students Admitted in 2015 (a)	No. admitted in 2 nd year via lateral entry (b)	No. of students graduated in 2019 without backlog [#] (c)	Success Index [c/(a+b)]
Civil Engineering	126	23	86	0.58
Mechanical Engineering	126	20	91	0.62
Electrical Engineering	124	17	85	0.60
Electronics Engineering	125	16	63	0.45
Computer Science & Engineering	122	23	86	0.59
Information Technology	60	9	46	0.67
Chemical Engineering	61	5	34	0.52
Biotechnology	30	0	6	0.20
Automobile Engineering	62	5	32	0.48
Electronics & Telecommunication Engineering	60	0	29	0.48

Passing out students who never failed in any course during the four year programme



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1.2 ANNUAL SUCCESS INDEX, WITH BACKLOG (SEPARATELY FOR EACH UG PROGRAMME IN THE DEPARTMENT)

Branch	No. of Students Admitted in 2015 (e)	No. admitted in 2 nd year via lateral entry (f)	No. of students graduated in 2019 with backlog ^s (g)	Success Index [g/(e+f)]
Civil Engineering	126	23	55	0.37
Mechanical Engineering	126	20	42	0.29
Electrical Engineering	124	17	39	0.28
Electronics Engineering	125	16	57	0.40
Computer Science & Engineering	122	23	44	0.30
Information Technology	60	9	20	0.29
Chemical Engineering	61	5	19	0.29
Biotechnology	30	0	1	0.03
Automobile Engineering	62	5	26	0.39
Electronics & Telecommunication Engineering	60	0	27	0.45

§: Only those students who have now passed out in 2019 (irrespective of having failed previously in courses) to be included

1.3 ACADEMIC PERFORMANCE INDEX IN II YEAR

Mean of CGPA of all successful students who proceeded to III year (m)	Total number of successful students who proceeded to III year (n)	Total number of students who appeared in Examination in II year (2018-19 batch/CA Ym1) (p)	Academic Performance Index [(m/p)*n]
6.53	820 (including lateral entry admitted students)	954 (including lateral entry admitted students)	5.61



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2. ACADEMIC ACTIVITIES CONDUCTED (FACULTY TRAINING PROGRAMME)

S.No.	Name of Expert	Designation/Affiliation of the Expert	Title/Area of Lecture	Number of students/Faculty attended
Civil Engineering				
1.	Er. Rajendra Chalisgaonkar	Retd. Engineer-in-Chief & Head of the Department , Irrigation Department, Uttarakhand, Dehradun	Flood Disaster management	58
2.	Er. Rajendra Chalisgaonkar	Retd. Engineer-in-Chief & Head of the Department , Irrigation Department, Uttarakhand, Dehradun	Computer Aided Techniques for Computing Reservoir capacity with Graphics ”	67
3.	Er. Abhay Agrawal	{ Managing Director (MD) } of Engipress Industries limited, Gwalior	Manufacturing & Quality Control of Prestressed Concrete Railway Sleepers	46
Electrical Engineering				
1.	(a) Mr. Satvinder Singh Maan (b) Er. Akshya Khare	(a) ECBC master trainer, BEE Certified Energy Auditor (b) General Manager, MPMKVVCL	Energy Audit & Management	35
2.	Mr. Aman Rajput	(IES) Deputy Director, Ministry of Defence, Govt. Of India (GOI), New Delhi	Student Sabha	82
3.	Er. N K Saxena	Former CE, MPEB	Micro grid, with conventional and non-conventional	125
4.	Er. S S Mujalde	CE (Testing, MPEB)	Techno Legal aspects of Electrical energy, generation, transmission and distribution.	114
5.	Er. Yogesh Kumar Singh	Senior Research Scientist, SPV Reliability lead Program National Institute of Solar Energy, Gurgaon	Basic of Solar Energy and Job Opportunities in SPV	125
6.	Er Nilhil Kaushik	Director, AI Automation Pvt . Ltd.	AC motors and application of variable speed drive in industry	114
7.	Er Sunil Kumar Ghandhi	Director, India solar Energy consulting Pvt. Ltd.	Industry institute interaction: Energy Management	122



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Electronics Engineering				
1.	Prof. Dheeraj Singh Rajput	Assistant Professor, IGEC Sagar	How to stay focused for GATE	25
Computer Science and Engineering/Information Technology				
1.	Prof. Amitabha Bandyopadhyay	Professor IIT Kanpur, Dept of Biological Sciences & Bioengineering	BIRAC BIG-14 grant funding & Bio-entrepreneurship	117
2.	Mr. Ashish Khare	Software Developer, Symantec (Norton Anti-Virus, Bangalore)	Expert talk by MITS Alumni	90
Chemical Engineering				
1.	Mr. Rakesh Agrawal	Managing Director Myriadly Engineering and Business Solutions Pvt. Ltd.	Chemical and Pharmaceuticals Industries' Introduction for Engineering and projects	38
2.	Dr. Rajeev Kumar Mishra	Associate Professor & Head, Hi Tech Institute of Engineering and Technology, Ghaziabad, UP	Analysis of PVT Water Heating System with Different PV Technology	29
3.	Dr. Anurag Srivastava	Professor, IIITM Gwalior	Energy and environment issues: Role of carbon Materials	28
Biotechnology				
1.	Dr. Amitabha Bandopadhyay	SIDBI, Department of Biological Science & Engineering, IIT, KANPUR	Role of BIRAC in start up	500
Applied Sciences				
1.	Dr. Niladri Chatterjee	Professor, Department of Mathematics IIT, Delhi	Rough set based decision making	20 Faculty & 40 Students on 5/10/2018
Architecture				
1.	Prof. Kalpana Pandit, Ar. Rakhi Maheshwari, Ar. Vipin Maheshwari	Associate Professor, MANIT, Jaipur Architect, New Delhi Architect, New Delhi	"Principles and Elements of Design applied to Architecture"	40/08
2.	Mrs. Garima Shrivastava	Assistant Professor, Department of School of Planning, Bhopal	Resilient Cities	15/010



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3. ACADEMIC ACTIVITIES CONDUCTED (WORKSHOPS)

S. No.	Event/Activity	Topic	Date(S)	Internal/External Experts	No. of Participants	
					Internal	External
Civil Engineering						
1.	ONE DAY WORKSHOP	“Disaster : Risk and Management”	11.10.2018	Shri Rajendra Chalisgaonkar (Retd. Engineer-In-Chief, Irrigation Department, Uttarakhand), Dr Manish Kr. Goyal (Associate Professor, IIT Indore), Dr.Ratnakar R. Mahajan (DGM, MACCAFERRI India, New Delhi)	89	05
Mechanical Engineering						
1.	WORKSHOP	Application of Mendeley software in research work	10th Oct, 2018	Dr. C.S. Malvi	30	-
2.	WORKSHOP	Advanced Manufacturing System	27-28th Oct, 2018	Dr. Gyan Praksh, ABV-IIITM Dr, S. Kumar, IIT-BHU Mr. A. Chincholikar, Industry personal; Dr. P. M. Pandey, IIT-Dehli Dr. P. K. Jain, IIITDM Jabalpur	64	-
3.	WORKSHOP	Soccer Bot League	22-24th Aug. 2018	Prof. Vaibhav Shivhare	60	-
Electrical Engineering						
1.	WORKSHOP	Advanced Optimization Techniques and Research Directions	16-17/02/19	Dr. R. Venkata Rao Professor, Department of Mechanical Engineering SVNIT, Surat		
2.	WORKSHOP	Entrepreneurship Development Program in Solar PV Energy	28/07/18	Mr Sparsh Bali, CEng (India), IEng (UK) MNRE Empaneled CEng, New Delhi	66	NA



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3.	WORKSHOP	How to Write Patent	21/07/18	DR.N.K.Choubey, Sr. Principal Scientist & Incharge, Intellectual Property Facilitation Centre, Patent Information Centre & Technology Management Centre, Bhopal PARAG M. MORE, Trademark Attorney & IPR consultant Founder, Intellectual Platform, Mumbai	101	NA
4.	WORKSHOP	Artificial Intelligence	17/03/18	Mr Ashu Sinha, Co-Founder and Managing Director of ROBONOMICS AI, Bangalore	112	NA
Electronics Engineering						
1.	WORKSHOP	Design of Microwave Circuits	28-29 SEPTEMBER 2018	Dr. P. K. Singhal Dr. Vandana Vikas Thakre Dr. Bimal Garg Dr. Sarthak Singhal	-	35
Computer Science and Engineering/Information Technology						
1.	National Workshop (under TEQIP- III)	Soft Computing Techniques and its Applications	Jan 18-19,2019	Dr. Mahua Bhattacharya, Associate Professor, ABV-IIITM Gwalior. Dr. Jagdish Chand Bansal, Assistant Professor, South Asian University, New Delhi. Dr. K.R. Pardasani, Professor, MANIT Bhopal. Dr. A. K. Singh, Professor, MNNIT Allahabad.	75	20
2.	Three Week Workshop under Infosys Campus Connect Program in Collaboration with Code War	Introduction to Programming and Problem Solving in Python	Sept 18-Oct 11, 2018	Mr. Punit Kumar Johai, Assistant Professor, MITS, Gwalior CodeWar Club Members	45	-



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	Club					
Biotechnology						
1.	WORKSHOP	Gender Sensitization	28 July 2018	Ms Suman Yadav, Student Counsellor, Scindia Kanya Vidyalaya	107	NIL

4. ACADEMIC ACTIVITIES CONDUCTED (STTP, SEMINARS AND CONFERENCES)

S. No.	Event/Activity	Topic	Date(S)	Internal/External Experts	No. of Participants	
					Internal	External
Civil Engineering						
1	AICTE-QIP Sponsored Short Term Course	Sustainable Development method and Practices	(21-25 Feb, 2019)	Dr. S.P. Aggarwal, Professor, IIRS, Dehradun Dr. Amit Pal, Professor, DTU, Delhi Prof. N.K. Gupta, Ex Scientist, ISRO Dr. P.K.S. Dikshit, Professor, IIT (BHU), Varanasi Dr. Basant Agarwal, Professor, SGSITS, Indore Dr. Shshibala, Professor, Shubharti Meerut University Dr. Ravi Kumar, Professor, MMIT Modinagar Dr. O.P. Agrawal, Professor, Jiwaji University, Gwalior		
Mechanical Engineering						
1.	SEMINAR	3D Course on Introduction to aerospace propulsion	25th - 27th Oct, 2018	Prof. N. K. Gupta	40	-
Electrical Engineering						
1.	SHORT TERM COURSE	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	13-17/02/19	Dr. Milli Pant, IIT Roorkee Dr. Rajesh Kumar, Mnit jaipur Dr. Bharat Bhushan, DTU New Delhi, Dr. Kamal Raj Pardesani, Manit Bhopal Dr. J.C. Bansal, South Asian University New Delhi	14	16



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				<p>Dr. D.K. Chaturvedi, DEI Agra Dr P. K. Singh, IIITM Gwalior Dr. L. Srivastava, MITS Gwalior Dr. M. Pandit, MITS Gwalior Dr. A.K. Wadhvani, MITS Gwalior Dr. S. Wadhvani, MITS Gwalior Dr. H. M. Dubey, MITS Gwalior Prof. P. Bansal, MITS Gwalior Prof. V. Chaudhary, MITS Gwalior</p>		
6	AICTE-QIP Sponsored Short Term Course	Bioelectrical Signal and Medical Imaging	26 th Feb to 08 th March, 2019	<p>Dr. Thornton Streeter, Professor, Center for Biofield Science, Goa Dr. D.C. Chaturvedi, Professor, DEI, Agra Dr. Vibhkar Shrimali, Professor, GB Pant Okhala, New Delhi Dr. Archana Gupta, Professor, GRMC, Gwalior Dr. Ranjan Maheshwari, Professor Govt. Engg. College, Ajmer Dr. M.A. Ansari, Associate Professor, Gautam Budha University, Noida Dr. Sandeep K.Jha, Assistant Professor, IIT Delhi & AIIMS Delhi Dr. S.S. Mehta, Professor, MBM, Jodhpur Dr. R. Balasubramanian, Professor, IIT Roorkee Dr. P. Roy, Assistant Professor, IIT Roorkee Dr. Dinesh K. Rajoria, Associate Professor, Sagar Group, Bhopal Dr. Arun Balodi, Assistant Professor, NIT, Delhi Dr. R.S. Anand, Professor, IIT Delhi</p>		
Electronics Engineering						
1.	SHORT TERM COURSE	RF AND MICROWAVE ANTENNAS	5/01/19-9/01/19	<p>Dr. Asok De, Prof. DTU, Delhi Dr. Mithilesh Kumar, Principal, Govt. Engg. College, Jabalpur</p>	-	25



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				Dr. Manoj Parihar, Asst. Prof. IIITM, Jabalpur Dr. Manjaree Pandit Dr. P. K. Singhal Dr. Vandana Vikas Thakre Dr. Ravi Pratap Singh Kushwaha Mr. Deep Kishor Parsediya		
Computer Science and Engineering/Information Technology						
1.	AICTE-QIP Sponsored Short Term Course	Intelligent Computing Techniques in Data Mining and Image Processing	Feb 1 -5, 2019	Dr. Kamal Raj Pardasani, Professor, NIT Bhopal Dr. Jagdish Chand Bansal, Assistant Professor, South Asian University, Delhi Dr. P.K.Singh, Associate Professor, ABV-IIITM, Gwalior Dr. Prashant Singh Rana, Assistant Professor, TIET Patiala Dr. Anurag Singh, Assistant Professor, NIT Delhi Dr. T.V. Vijay Kumar ,Professor, JNU, New Delhi Dr. Partha Pratim Roy ,Assistant Professor, IIT Roorkee Dr. Prashant Kumar Jain, Associate Professor, IIITDM Jabalpur Dr. Vivek Kapoor Assistant Professor, DAVV Indore Dr. Akhilesh Tiwari, Professor, MITS Gwalior Dr. G.L. Prajapati Associate Professor, DAVV Indore Prof. Punit K. Johari Assistant Professor, MITS Gwalior	2	18
2.	AICTE-QIP Sponsored Short Term Course	Artificial Intelligence and Machine Learning	Mar 7-11 , 2019	Dr. D.S. Tomar, Associate Professor, MANIT Bhopal Prof. Shekar Verma, Professor, IIIT Allahabad Prof. K. K. Biswas, Visiting Faculty, IIT Delhi	-	-



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				Bennett University Dr. Sumantra Dutta Roy, Professor, IIT Delhi Manu Pratap Singh, Associate Professor, Dr. B. R. Ambedkar University, Agra		
3.	AICTE-QIP Sponsored Short Term Course	Trends and Techniques in Image Processing, Multimedia And Security Issues	Mar 15-19, 2019	-	-	-
6.	Training on Internet of Things organized by Advance Tech India Pvt. Ltd in collaboration with Dept of CSE/IT	Internet of Things	Sept 4-8, 2018	Mr. Gaurav Sharma, Advance Tech India Pvt. Ltd Mr. Gaurav Shukla, Advance Tech India Pvt. Ltd	15	-
7.	MOTIVATIONAL TALK	Entrepreneurship	Oct 06, 2018	Mr. Nitin Sethi (Vice President Digital at Indigo Airlines) Mr. Punit Jain, (Co-Founder, Incubate IND)	107	-
Humanities						
1.	Students Internship, 2018	Introduction to Visucl Arts and Culture	17 to 22 December 2018	Bhawna Shrey (Course Coordinator)	25	-
2.	Students Internship, 2018	Print Journalism	17 to 22 December 2018	Umesh Guramwar (Course Coordinator)	25	-
3.	Students Internship, 2018	Listening and Speaking Skills	17 to 22 December 2018	Sachin Singh (Course Coordinator)	25	-
Applied Sciences						
1.	STC under QIP	Nano Science and Technology	14-18 March 2019	Dr. Arvind Kumar Saxena, Professor & Director, Institute of Basic Science , BU, Jhansi Dr. Rajneesh Mishra, Professor, IIT, Indore	03	16



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				<p>Dr. Prabhat Diwedi, Professor, IIT, Kanpur Dr. Pankaj Shrivastava, Professor, IIITM, Gwalior Dr. D.C. Tiwari, Ex. Vice Chancellor, Jiwaji University, Gwalior Dr. D.K. Gupta, Professor, Allahabad University Dr. Gajanan Pandey, Professor, Babasaheb Bhimrao Ambedkar (Central) University, Lucknow Dr. Sanjay Shrivastava, Professor, Institute of Science, BHU, Varanasi Dr. Sushil Kumar Jain, Professor, Manipal University, Jaipur Dr. Pramod Kumar Purohit, Professor, NITTTR, Bhopal Dr. P. Rajaram, Professor, Jiwaji University, Gwalior Dr. K.N. Pandey, Professor, CIPET, Lucknow Dr. Satendra Mishra, Professor, GEC, Jalgaon Dr. M.S. Gaur, Professor, Hindustan Engineering College, Agar</p>		
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5. ACADEMIC ACTIVITIES CONDUCTED (EXPERT LECTURES)

S.No.	Name of Expert	Designation/Affiliation of the Expert	Title/Area of Lecture	Number of students/Faculty attended
Civil Engineering				
1.	Er. Rajendra Chalisgaonkar	Retd. Engineer-in-Chief & Head of the Department, Irrigation Department, Uttarakhand, Dehradun	Flood Disaster management	58
2.	Er. Rajendra Chalisgaonkar	Retd. Engineer-in-Chief & Head of the Department, Irrigation Department, Uttarakhand, Dehradun	Computer Aided Techniques for Computing Reservoir capacity with Graphics	67
3.	Er. Abhay Agrawal	Managing Director (MD) of Engipress Industries Limited, Gwalior	Manufacturing & Quality Control of Prestressed Concrete Railway Sleepers	46



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Mechanical Engineering				
1.	Mr. Arpit Gupta	Worcester Polytechnic, USA	Self Driving Cars	35
2.	Dr. Pramod Kumar Singh	ABV-IIITM, Gwalior	Evolutionary Algorithm	31
3.	Dr. S. P. Tiwari	IIT BHU	Advance Manufacturing Systems	63
4.	Er. C.G. Porwal	Rtd. from NTPC	Recents Trends in Predictive Maintenance in Turbine Generators	106
5.	Mr. Rizwanuddin	Commissioner	Motivation through Goal Setting	106
Electrical Engineering				
1.	Mr. Satvinder Singh Maan Er. Akshya Khare	ECBC master trainer, BEE Certified Energy Auditor General Manager, MPMKVVCL	Energy Audit & Management	35
2.	Mr. Aman Rajput	(IES) Deputy Director, Ministry of Defence, Govt. of India (GOI), New Delhi	Student Sabha	82
3.	Er. N K Saxena	Former CE, MPEB	Micro grid, with conventional and non-conventional	125
4.	Er. S S Mujalde	CE (Testing, MPEB)	Techno Legal Aspects of Electrical Energy, Generation, Transmission and Distribution.	114
5.	Er. Yogesh Kumar Singh	Senior Research Scientist, SPV Reliability lead Program National Institute of Solar Energy, Gurgaon	Basic of Solar Energy and Job Opportunities in SPV	125
6.	Er Nilhil Kaushik	Director, AI Automation Pvt. Ltd.	AC Motors and Application of Variable Speed Drive in Industry	114
7.	Er Sunil Kumar Ghandhi	Director, India Solar Energy Consulting Pvt. Ltd.	Industry Institute Interaction : Energy Management	122
Electronics Engineering				
1.	Prof. Dheeraj Singh Rajput	Assistant Professor, IGEC Sagar	How to stay Focused for GATE	25
Computer Science and Engineering/Information Technology				
1.	Prof. Amitabha Bandyopadhyay	Professor IIT Kanpur, Dept of Biological Sciences & Bioengineering	BIRAC BIG-14 Grant Funding & Bio-Entrepreneurship	117
2.	Mr. Ashish Khare	Software Developer, Symantec (Norton Anti-Virus, Bangalore)	Expert Talk by MITS Alumni	90
Chemical Engineering				
1.	Mr. Rakesh Agrawal	Managing Director Myriadly Engineering	Chemical and Pharmaceuticals	38



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		and Business Solutions Pvt. Ltd.	Industries' Introduction for Engineering and Projects	
2.	Dr. Rajeev Kumar Mishra	Associate Professor & Head, Hi Tech Institute of Engineering and Technology, Ghaziabad, UP	Analysis of PVT Water Heating System with Different PV Technology	29
3.	Dr. Anurag Srivastava	Professor, IIITM Gwalior	Energy and Environment Issues: Role of Carbon Materials	28
Biotechnology				
1.	Dr. Amitabha Bandopadhyaya	SIDBI, Department of Biological Science & Engineering, IIT, KANPUR	Role of BIRAC in Start up	500
Applied Sciences				
1.	Dr. Niladri Chatterjee	Professor, Department of Mathematics IIT, Delhi	Rough Set Based Decision Making	20 Faculty & 40 Students on 5/10/2018
Architecture				
1.	Prof. Kalpana Pandit, Ar. Rakhi Maheshwari, Ar. Vipin Maheshwari	Associate Professor, MANIT, Jaipur Architect, New Delhi Architect, New Delhi	"Principles and Elements of Design Applied to Architecture"	40/08
2.	Mrs. Garima Shrivastava	Assistant Professor, Department of School of Planning, Bhopal	Resilient Cities	15/010

6. 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, Koteshwar 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



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CSE/IT				
1.	Tree Plantation under NSS	Jamvant Kumare and Neha Bhardwaj	100+	Institute
2.	Celebration of Gandhi Jayanti with Swadeshi Apnao Abhiyan	Jamvant Kumare and Neha Bhardwaj	16	Institute
Biotechnology				
1.	Gender Sensitization	Suman Yadav	107	Institute
Architecture				
1.	Integrated Approaches to Achieve Sustainability” Bamboo Workshop for B.Arch. First Year Students	Ram Rasayan Singh Rajput Sidharth Singh Jadon	19	
2.	Integrated Approaches to Achieve Sustainability” : Earth Workshop for B. Arch. First Year Students	Ram Rasayan Singh Rajput	18	
3.	Soft Skills Development	Sanjeev Khanna Noopur Gupta Shweta Singh	40	

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

7. INITIATIVES TAKEN FOR ACADEMICALLY GOOD BUT FINANCIALLY WEAK STUDENTS (Details of scholarships started with the help from Alumni/other organization, Fund Generated or any other help provided)

S.No.	Scholarships started with the help from Alumni (Yes/No)	Amount Generated	Number of Student Beneficiaries	Any other Activity
Civil Engineering				
1.	No	9740.00	05	5% of Amount generated from Concrete Lab Testing
2.	No	19740.00	05	5% of Amount generated from H.W Lab testing
3.	No	5885.00	05	5% of Amount generated from Strength of Materials Lab testing
Electronics Engineering				
1.	Yes, Scholarship from M/s Smart Controls (I) Ltd.	Complete Tuition fee for 4-years	1. Ms. Ayushi Sikdar 2. Ms. Ayushi Jain	-
CSE/IT				
1.	Yes	Tuition Fee Sponsored by M/s Smart Controls (I) Ltd.	Ayushi Jain (CSE)	-



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8. PROVIDING STUDENT SUPPORT, GUIDANCE, COUNSELLING AND ORIENTATION

S.No.	Date	Session Topics	Class	Delivered By (Name of faculty/counsellor)	Number of Students
Civil Engineering					
1.	01/08/2018	Motivational Lecture on “Importance of Employability Skills Training”	IV Year	Prof. A.K. Agrawal Prof. Nupur Verma	33
2.	10/08/2018	Counselling of students (Regarding Short Attendance)	III Year	Prof. Gautam Bhadoriya	28
3.	05/09/2018	Gate Importance and Benefits	IV Year	Prof. Shivam Gupta	120
4.	04/04/2019	Motivational Seminar on How to Control Stress During Studies	I, II, III, IV Year	Mr. Chakravarti Das (Ex. HR Manager, Wipro Infosys)	100
5.	15/02/2019	Motivational Lecture for Students	III, IV Year	Dr. Pawan Singh (Professor, IIM Indore)	80
Mechanical Engineering					
1.	30/01/2019	Introduction of OBE	II, III & IV Year	Prof. Ajay Singh Rajput Prof. Vaibhav Shivhare	105
2.	30/01/2019	Importance of self-learning through SWAYAM/NPTEL	I, III & IV Year	Prof. B.K. Pandey	105
3.	30/01/2019	Examination Pattern	I, III & IV Year	Dr. P.K. Singhal	105
4.	30/01/2019	GATE as career opportunity	I, III & IV Year	Prof. Sharad Agrawal	105
5.	30/01/2019	Importance of feedback on (CO, PO, faculty feedback, Curriculum) in accreditation and quality improvement	I, III & IV Year	Prof. Ajay Singh Rajput Prof. Vaibhav Shivhare	105
6.	30/01/2019	Attending special classes for remedial purposes	I, III & IV Year	Prof. V. Chaturvedi	105
7.	30/01/2019	Institute MOODLE and MOODLE activities and its usage	I, III & IV Year	Prof. Utkarsh Shrivastava	105
8.	30/01/2019	Efforts made by institute for students overall development like student chapters, clubs etc	I, III & IV Year	Dr. Jyoti Vimal Prof. D. Kasdekar	105
9.	30/01/2019	Importance of taking part in technical activities outside the Institute	I, III & IV Year	Prof. Vaibhav Shivhare	105
10.	30/01/2019	Introduction of Scheme/Courses/ Evaluation	I, III & IV Year	Dr. M.K. Sagar	105



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		process/Flexible curriculum/ Electives		Prof. K.K.Yadav	
11.	30/01/2019	Importance of Internship	I, III & IV Year	Prof. Vaibhav Shivhare Dr. Amit Aherwar	105
12.	30/01/2019	B.Tech Projects based on Industrial/Societal needs	I, III & IV Year	Dr.Pratesh Jayaswal Prof. V. Chaturvedi	105
13.	30/01/2019	Stress Management	I, III & IV Year	Ms Divya Gupta	105
Electrical Engineering					
1.	09/07/2018	Orientation Programme	II Year	HOD and All Faculty	98
2.	09/07/2018	Orientation Programme	III Year	HOD and All Faculty	77
3.	09/07/2018	Orientation Programme	IV Year	HOD and All Faculty	67
4.	09/07/2018	Orientation Programme	ME I Year	HOD and All Faculty	6
5.	09/07/2018	Orientation Programme	ME II Year	HOD and All Faculty	6
Electronics Engineering					
1.	29/01/2019	Short Film Festival "Out of the Box"	II Year	Innovation Cell (Coordinator - Prof. Pooja Sahoo & Prof. Swati Gupta)	More than 180
2.	21/01/2019	Orientation/Interaction Programme	II & IV Year	Exam Controller, HOD, Coordinators, Counsellor	More than 100
3.	29/08/2018	Orientation Program (ASIMOV Robotics Club)	I Year (All Branches)	ASIMOV Coordinators	More than 100
4.	23/10/2018	NSS Rally on "Say No to Plastic "	III & IV Year	Prof. Madhav Singh	315
5	11/08/2018	How to Focus on GATE	II Year	Prof. Dheeraj Singh Rajpoot, Assistant Professor, Department of Electronics & Communication Engg., IGEC Sagar	25
CSE/IT					
1	9/07/2018	Orientation Program	II, III & IV	All Class & Program Coordinators	All 2nd, 3rd & 4th Year Students
2.	18/09/2018	Corporate in Sight	II & III	Ashish Khare (Norton Anti-virus, Bangalore)	80
3.	29/01/2019	Orientation Program	II, III & IV	All Class & Program Coordinators	All 2nd, 3rd & 4th Year Students
Chemical Engineering					
1.	07/02/2019	Briefing of Examination, An Introduction to OBE by OBE coordinators, MOODLE, SWAYAM, GATE etc.	II, III & IV Year	All Faculty	61



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Biotechnology					
1.	04/02/2019 & 07/02/2019	Orientation Program	I, II, III & IV Year	Dr. Sunita Sharma , Prof. Rahul Anand, Prof Vinod Jatav, Prof Shika Jha	30
Applied Sciences					
1	21/02/2019	Orientation Program	I Year (All Branches)	Dr. P.K. Singhal (Exam Controller) Dr. V.P. Shinde (Head, Applied Science)	Approx. 400

9. INVOLVEMENT OF FACULTY AS EXPERTS IN COMMITTEES OUTSIDE THE INSTITUTE (BoS Members, Experts in Selection Committees, Advisory/organizing committee member.....etc)

S.No.	Name of Faculty	Name of Committees	Role	Place	Whether International/ National/State/Regional /College or University Level
Civil Engineering					
1.	Dr. Archana Tiwari	B.O.S	Member	RGPV Bhopal	University level
2.	Dr. Sanjay Tiwari	B.O.S	Member	RGPV Bhopal	University level
3.	Prof. A.K. Saxena	B.O.S	Member	RGPV Bhopal	University level
4.	Dr. S.K.Jain	BOS	Subject Expert	BIET, Jhansi	College Level
5.	Dr. M.K.Trivedi	BOS	Member	Amity University	University Level
6.	Dr. S.K.Jain	BOS	Member	Kendriya Vidyalaya No.1	
7.	Dr R Kansal	PSDC	Expert	RGPV Bhopal	University Level
8.	Prof. A.K. Saxena	Building Committee	Member	KRG College, Gwalior	College
9.	Prof. A.K. Saxena	Building Committee	Member	Vijayaraje Agriculture University, Gwalior	University Level
10.	Prof. A.K. Saxena	Building Committee	Member	Rani Lakshmi Bai Central Agricultural University, Jhansi	University Level
11.	Prof. A.K. Saxena	Selection Committee	Member	MP Pollution Control Board	State Level
Mechanical Engineering					
1.	Dr. P. Jayaswal	Expert Committee	Expert	Jiwaji University, Gwalior	Regional Level



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2.	Dr. P. Jayaswal	TEQIP-III Committee	TEQIP coordinator	Madhya Pradesh	State level
3.	Dr. C.S. Malvi	PhD, RDC Committee	Expert	Mechanical Engineering Department, DTU, Delhi	National level
4.	Dr. C.S. Malvi	Subject Expert Interview Panel	Expert	ITM, Gwalior	Regional Level
5.	Dr. C.S. Malvi	Project Review Committee, AQIS	Expert	AICTE, New Delhi	National level
6.	Dr. C.S. Malvi	Member of BOS, Mechanical & Automobile engineering	Expert	RGPV, Bhopal	State level
7.	Dr. C.S. Malvi	Subject Expert Interview Panel "Energy"	Expert	UTD, RGPV Bhopal	State level
8.	Dr. M.K. Gaur	BOS	Expert	AMITY, New Delhi	Regional Level
9.	Dr. M.K. Gaur	Research Committee	Expert	AMITY, Gwalior	Regional Level
10.	Dr. M.K. Gaur	BOS	Expert	SATI, Vidisha	State level
Electrical Engineering					
1.	Dr. L. Srivastava	BoS	Member	RGPV Bhopal	State Technical University
2.	Dr. M. Pandit	Personality Test (PT) Board (Engineering Services Examination 2017)	Expert member	UPSC, New Delhi, in Sept 2018	National Level
3.	Dr. H. M. Dubey	BoS	Member	RGPV Bhopal	State Technical University
Electronics Engineering					
1.	Dr Karuna Markam	One Day Science Exhibition-2018	JUDGE	DRDE GWALIOR	Regional
2.	Prof. D. K. Parsediya	Technical Program Committee	REVIEWER	THDC TEHRI	International
Computer Science and Engineering/Information Technology					
1.	Dr. Akhilesh Tiwari	Board of Studies in Computer Science & Engineering	BoS Member	RGPV, Bhopal	State Technical University
2.	Dr. Manish Dixit	Board of Studies in Information Technology	BoS Member	RGPV, Bhopal	State Technical University



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Chemical Engineering					
1.	Prof. Swati Gupta	BoS	Member	RGPV Bhopal	State
2.	Prof. Anish P. Jacob	BoS	Member	RGPV Bhopal	State
Applied Sciences					
1	Dr. Abhay Mishra	BoS	Updated Syllabus	MITs, Gwalior	College Level
2	Dr. V P Shinde	BoS	Updated Syllabus	MITs, Gwalior	College Level
3	Dr. D K Jain	BoS	Updated Syllabus	RGPV, Bhopal	University Level
		BoS	Updated Syllabus	Amity University, Gwalior	University Level
		BoS	Updated Syllabus	MITs, Gwalior	College Level
4	Dr. Anjula Gaur	BoS	Updated Syllabus	MITs, Gwalior	College Level
5	Dr. Shourabh Bhattacharya	BoS	Updated Syllabus	MITs, Gwalior	College Level
6	Prof. Jitendra Kumar	BoS	Updated Syllabus	MITs, Gwalior	College Level
7	Prof. Angad Ojha	BoS	Updated Syllabus	MITs, Gwalior	College Level
Architecture					
1	Dr. Alok Sharma	Board of Study Architecture RGPV	Chairman	Rajiv Gandhi Proudयोगoki Vishavidhyalaya, Bhopal	University Level
		Board of Study	Expert Member	ITM University, Gwalior	University Level
		BOS Member	Member	MITs	College Level
		AICTE Expert Member	Inspection team Expert Member	AICTE, New Delhi	National
		Laxmi Bai National Institute of Physical Education	Selection Committee Expert Member	Gwalior	Deemed University
		Council of Architecture representative for Infrastructure Development	Expert Member	Morena	National
		IIA	Zone Secretary Member	Gwalior	Regional
		Building Committee	Member	MITs	College
		Chief Warden	Chief Warden	MITs	College
2	Dr. Sanjay Singh Jadon	Board of Study Architecture RGPV	Member	Rajiv Gandhi Proudयोगoki Vishavidhyalaya, Bhopal	University of Technology of MP
		AICTE Expert Member	Inspection team Expert	AICTE, New Delhi	National, Level



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			Member		
		BOS Member	MEMBER	MIT S	College Level
		Civil PG thesis	Director Representative	MIT S	College Level
		Council of Architecture representative	Expert Member	New Delhi	National
		IIA	Member	Mumbai	National
		Women's Polytechnic College Selection Committee	Subject Expert Member	Gwalior	College Level
		PG Counselling , 2018-19	Chairman	MIT S	College
3	Prof. L.K.Jain	Board of Study Architecture RGPV	Member	Rajiv Gandhi Proud yogoki Vishavidhyalaya, Bhopal	University of Technology of MP
		Council of Architecture	Life Time Member	New Delhi	National
		BOS Member	Member	MIT S	College Level
4	Dr. Anjali S. Patil	Board of Study Architecture RGPV	Member	Rajiv Gandhi Proud yogoki Vishavidhyalaya, Bhopal	University of Technology of MP
		BOS Member	Member	MIT S	College Level
		Moodle	Coorinator	MIT S	College Level
		NPTEL	Coorinator	MIT S	College Level
		OBE	Coorinator	MIT S	College Level
		Creative Architecutre Club	Member	MIT S	College Level
		GATE	Coorinator	MIT S	College Level
		Building Tender Committee	Member	MIT S	College Level
		Green Audit	Member	MIT S	College Level
		Women Grievances Cell	Member	MIT S	College Level
		Examination Committee Architecutre	Member	MIT S	College Level
		NSS	Member	MIT S	College Level
		Industry Interaction Cell	Member	MIT S	College Level
		Remadial Class &	Coordinator	MIT S	College Level



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	Bridge Classes			
	Moodle Feed Back	Coordinator	MITS	College Level
	Mentor Mentee	Member	MITS	College Level
	Student Development Cell	Member	MITS	College Level
	ITPI	Associate Member	New Delhi	National
	IIA	Member	Mumbai	National
	Council of Architecture	Life Time Member	New Delhi	National

10. 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, Rajasthan	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



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6.	Dr. M.K. Gaur	Expert Lecture	An International conference on Renewable Energy and Sustainable Climate	SOLARIS, New Delhi	2/19/2019	College
Electrical Engineering						
1.	Dr. L. Srivastava	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MITs, Gwalior	13-17/02/19	National Level
2.	Dr. M. Pandit	Expert Lecture	Radio Frequency and Microwave Antennas	MITs, Gwalior	05-09/03/19	National Level
3.	Dr. M. Pandit	Expert Lecture	Promoting Entrepreneurship Activities in Science & Technology Institutions	MITs, 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	MITs, Gwalior	17/03/18	University Level
7.	Dr. A. K. Wadhvani	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MITs, Gwalior	13-17/02/19	University Level
8.	Dr. S. Wadhvani	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MITs, Gwalior	13-17/02/19	University Level
9.	Dr. H. M. Dubey	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MITs, Gwalior	13-17/02/19	University Level
10.	Prof. P. Bansal	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MITs, Gwalior	13-17/02/19	University Level
11.	Prof. V. Chaudhary	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for Engineering Applications	MITs, Gwalior	13-17/02/19	University Level
12.	Prof. V. Chaudhary	Expert Lecture	Optimization Techniques using Nature Inspired Algorithm for	MITs, Gwalior	13-17/02/19	University Level



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Engineering Applications						
Electronics Engineering						
1.	Dr. Vandana Vikas Thakre	Expert Lecture	Workshop on Design of Microwave Circuits	MITS, Gwalior	28th – Sept -2018 to 29th - Sept.- 2018	National
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	Organized as <i>Joint Secretary</i> an International Conference on ‘New Frontiers in Mathematics’ and Symposia on ‘I-Function and Its	School of Mathematics & Allied Sciences, Jiwaji University, Gwalior, Sponsored by UGC, DST	December 11-13, 2018	International Conference



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		Jiwaji University, Gwalior	<i>Applications & Mathematics in Data Science'</i>	and NBHM.		
Architecture						
1	Ar. Richa Mishra	Poster Present	Heritage As A Tool For Development In Smaller Towns: A Case Of Lower Chambal Valley	Organised By Ahmadabad University, Ahmadabad	14-16 December 2018.	International Conference On Heritage Management
2	Ar. Noopur Gupta	International Conference On Urban Planning And Regional Development		Karlsruhe Institute of Technology, Karlsruhe, Germany	3 April , 2019 – 5 April 2019	24th International Conference on Urban Planning and Regional Development
3	Ms. Apurva Tomar	International Conference On Urban Planning And Regional Development		Karlsruhe Institute of Technology, Karlsruhe, Germany	3 April , 2019 – 5 April 2019	24th International Conference on Urban Planning and Regional Development

11. INVOLVEMENT OF FACULTY AS REVIEWERS OF JOURNALS

S. No.	Name of Faculty	Name of Journals	Published by	Number of papers reviewed this year
Civil Engineering				
1.	S.K. Jain	Journal of Building Engineering	Elsevier	01
2.	S.K. Jain	International Journal of Environmental and Pollution	Inderscience	01
3.	Aditya Kumar Agrawal	International Journal of Innovative Research in Engineering and Multidisciplinary Physical Sciences (IJIRMPS)	International Journal of Innovative Research in Engineering and Multidisciplinary Physical Sciences, Ahmadabad India	NIL
4.	Aditya Kumar Agrawal	Current World Environment	Enviro Publishers, Bhopal, India	01
5.	Aditya Kumar Agrawal	Journal of Emerging Technologies and Innovative Research (JETIR)	Journal of Emerging Technologies and Innovative Research, Ahmadabad, INDIA	NIL



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6.	Pankaj Kumar	Automation in Construction	Elsevier	01
Mechanical Engineering				
1.	Dr. Pratesh Jayaswal	(i) Journal of Vibration and Control, SAGE Publication. (ii) Proceeding of the Institution of Mechanical Engineers, Part C, Journal of Mechanical Engineering Science, London UK., SAGE Publication. (iii) Australian Journal of Mechanical Engineering, Taylor & Francis Publication (iv) Journal of Manufacturing Engineers'' (JME) published by Society for Manufacturing Engineering. (v) Renewable Energy-an International Journal, Elsevier (vi) Journal of Quality in Maintenance Engineering, Emerald Publication (vii) IEEE Transactions on Systems, Man and Cybernetics (viii) IEEE Access		
2.	Dr. C.S. Malvi	(i) Journal of micro machining, SAGE (ii) Environment progress & sustainable energy, ASME (iii) Low Dimensional system & Nano structures, Elsevier (IV) International journal of energy research, Willey		-
3.	Dr. M.K. Gaur	(i) Solar Energy, Elsevier (ii) Desalination (iii) Energy conversion & management		-
4.	Dr. Amit Aherwar	(i) Journal of Silicon, Springer (ii) Journal of the Brazilian Society of Mechanical Sciences and Engineering (BSME), Springer.	Journal of Silicon, Springer	04



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		(iii) Journal of Alloys and Compounds, Elsevier		
5.	Dr. Naresh Raghuwanshi	IET Renewable Power Generation IET Electric Power Generation Mechanical Systems and Signal Processing	(i) IET Renewable Power Generation (ii) IET Electric Power Generation (iii) Mechanical Systems and Signal Processing	03
6.	Dr Amrat Dhamaniya	Alexandria Engineering Journal Journal of Engineering Science and Technology Review	(i) Journal of Engineering Science and Technology Review	01
Electrical Engineering				
1.	Dr. L. Srivastava	Electric Power Components and Systems		03
		Second IEEE International Conference on Power Electronics, Intelligent Control and Energy systems (ICPEICES 2018) held at DTU, Delhi		06
		International Journal of Energy Sector Management, EMERALD	EMERALD	01
		International Transactions on Electrical Energy Systems		01
		IEEE Access	IEEE	01
		IET Journal of Engineering (JOE)	IET	01
		Renewable Energy Focus (Elsevier)	Elsevier	01
		Int. J of Electrical Power and Energy Systems (Elsevier)	Elsevier	01
		IET Renewable Power Generation	IET	01
		Int. J of Power and Energy Systems (Acta Press)	Acta Press	01
2.	Dr. M. Pandit	IEEE Transactions on Power Systems	IEEE	
		IET Renewable Power generation	IET	
		IET Generation, transmission & Distribution	IET	
		IET Smart Grid	IET	
		IET Electrical Systems in Transportation	IET	



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		Cognitive Computation (Springer)	Springer	
		Engineering applications of Artificial Intelligence (Elsevier)	Elsevier	
		Energy conservation & Management (Elsevier)	Elsevier	
		Renewable Energy (Elsevier)	Elsevier	
		Applied Energy (Elsevier)	Elsevier	
		Applied Soft Computing (Elsevier)	Elsevier	
		Swarm and Evolutionary Computation (Elsevier)	Elsevier	
		International Journal of Electrical power & Energy Systems (Elsevier)	Elsevier	
		Journal of Institution of Engineers, India-Series –B(EE) (Springer)	Springer	
		Journal of Heuristics (Springer)	Springer	
		Power Components and Systems (Taylor & Francis)	Taylor & Francis	
3.	Dr. H.M. Dubey	International Transaction on Electric Energy Systems		02
		Swarm and Evolutionary Computation	Elsevier	02
		Energy & Environment		01
		IEEE Transaction on Industrial Informatics	IEEE	01
		International Journal of Machine Learning		01
		Soft Computing		02
		Applied Soft Computing	Elsevier	01
		Engineering Science and Technology		01
		IET Generation, Transmission & Distribution	IET	01
		Journal of Experimental and Theoretical		01
Electronics Engineering				
1.	Dr. Vandana Vikas Thakre	Progress in Electromagnetic Research		-
2.	Dr. Vikas Mahor	Journal of Electronics	Taylor & Francis	01



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3.	Dr. Vikas Mahor	Journal of Circuit System and Computers	World Scientific Journal	01
4.	Deep Kishore Parsediya	Journal of Mechanical Science & Technology (SCI)	Springer	01
Computer Science and Engineering/Information Technology				
1.	Dr. Akhilesh Tiwari	Editor of TECHNIA: International Journal of Computing Science & Communication Technologies (ISSN 0974-3375)	-	-
2.	Mr. R. R. Singh Makwana	Member in the editorial board IJCSSCA ISSN(0): 2454-5651 (International Journal of Computer Security & Source Code Analysis)	-	-
3.	Mr. R.R. Singh Makwana	Indonesian Journal of Electrical Engineering and Computer Science	Institute of Advanced Engineering and Science	-
Applied Sciences				
1	Prof. Deobrat Singh	Modern Physics Letter A	World Scientific	02
2	Prof. Deobrat Singh	SciTechnol	SciTechnol	01

12. MEMBERSHIP OF PROFESSIONAL SOCIETY CHAPTERS

S.No.	Name of Faculty	Professional Society	Membership Grade (LM, Fellow, etc.)
Civil Engineering			
1.	S.K. Jain	ICI	LM - 4963
2.	S.K. Jain	ISTE	LM - 13505
3.	S.K. Jain	IE(INDIA)	AM - 1202874
4.	S.K. Jain	ISET	LM - 880
5.	S.K. Jain	ISWE	LM - 337
6.	S.K. Jain	ISCMS	LM - 526
7.	A.K. Agrawal	IWWA	LM
8.	Chetan Sharma	Indian Geotechnical Society	LM
9.	Archana Tiwari	CSI	LM - 006373
10.	Pratibha Singh	Indian Geotechnical Society	LM



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Electrical Engineering			
1.	Dr. Laxmi Srivastava	(1) Member of IEEE, Power Engineering Society (2) Indian Society for Technical Education (ISTE) (3) Institution of Electronics & telecommunication Engineers (IETE) (4) Computer Society of India (5) (CSI)Institution of Engineers, IE(I) (6) Indian Women Scientist Association (IWSA)	(1) Senior Member (2) LM (3) LM (4) LM (5) Fellow (6) LM
2.	Dr. Manjaree Pandit	(1) Indian Society for Technical Education (ISTE) (2) Institution of Electronics and Telecommunication Engineers (IETE) (3) Institution of Engineers (IE, India) (4) IET (UK)	(1) LM (2) Fellow (3) Fellow
3.	Dr. Arun Kumar Wadhvani	(1) Indian Society for Technical Education (ISTE) (2) Member IET	-
4.	Dr. Sulochana Wadhvani	Member IET	-
5.	Prof. Ashish Patra	Member IET	-
6.	Dr.Hari Mohan Dubey	(1) Indian Society for Technical Education (ISTE) (2) Institution of Electronics & telecommunication Engineers (IETE) (3) Member of IEEE (4) Member IE (India) (5) Member IET(UK)	(1) LM (2) AM (3) Member (4) Member (5) Member
7.	Dr. Shishir Dixit	Member IET	-
8.	Prof. Rakesh Narvey	Member IET	-
9.	Prof. Himmat Singh Ahirwar	Member IET	-
10.	Dr. Vijay Bhuria	Member IET	-
11.	Prof. Kuldeep Kumar Swarnkar	Member IET	-
12.	Prof. Praveen Bansal	Member IET	-
13.	Prof. Vishal Chaudhary	Indian Society for Technical Education (ISTE)	-
14.	Dr. Vikram	(1) IEEE Membership (USA) (2) IEEE Young Professionals (3) IAENG (Hong Kong) (4) ILAS (USA)	(1) Graduate Member (2) Member (3) Member (4) Member
15.	Prof. Bhavna Rathore	(1) IEEE Membership (USA)	(1) Graduate Member



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		(2) IEEE Power & Energy Society Membership (3) IEEE Industry Applications Society Membership (4) IEEE Women in Engineering Membership (5) IEEE Young Professionals	(2) Member (3) Member (4) Member (5) Member
Electronics Engineering			
1.	Dr.Bimal Garg	ISTE	LM
2.	Dr.Bimal Garg	IETE	LM
3.	Dr.Karuna Markam	ISTE	LM
4.	Dr.Karuna Markam	IEI	LM
5.	Pooja Sahoo	IEI	LM
6.	Dr. Laxmi Shrivastava	IETE	AM
7.	Dr. Laxmi Shrivastava	CSI	LM
8.	Dr. Vandana Vikas Thakre	AeSI	LM
9.	Dr. Vandana Vikas Thakre	ISTE	LM
10.	Dr. Vandana Vikas Thakre	IETE	FELLOW
11.	Dr. Vandana Vikas Thakre	IEI	FELLOW
12.	Mr. Pankaj Agrawal	ISTE	LM
13.	Dr. Ravindra Pratap Narwaria	IETE	AM
14.	Dr. Ravindra Pratap Narwaria	IE	AM
15.	Madhav Singh	IEI	LM
16.	Madhav Singh	IETE	AM
17.	D. K. Parsediya	IEEE	AM
18.	D. K. Parsediya	IEI	LM
19.	D. K. Parsediya	IET	AM
20.	Ranbeer Tyagi	IETE	LM
21.	Ranbeer Tyagi	IAENG	LM
22.	Santosh Sharma	IAENG	LM
23.	Dr. Rekha Gupta	IETE	LM
24.	Dr. Rekha Gupta	Senior Member ICEIT	LM
25.	Abhilasha Sharma	IETE	AM
Computer Science and Engineering/Information Technology			
1.	Ms. Neha Bhardwaj	ACM, IEEE, IAENG	One Year
2.	Mr. Punit Kumar Johari	IET	Member
3.	Mr. Punit Kumar Johari	IAENG	Life Member



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4.	Mr. Punit Kumar Johari	GAMS	Life Member
5.	Ms. Jaimala Jha	IEEE, IETE	Life Member
6.	Mr. Rajni Ranjan Singh Makwana	IEEE, IAENG	Member
8.	Mr. Mahesh Parmar	IETE, IET, IAENG	Life Member
11.	Mr. Amit Kumar Manjhvar	IAEANG	Life Member
12.	Mr. Amit Kumar Manjhvar	IETE	Life Member
13.	Mr. Lav Upadhyay	INDIAN SCIENCE CONGRESS	LIFE Member
14.	Dr.Sanjiv Sharma	IETE, IET, IAENG	Life Member
15.	Mr.Rajiv Kumar Sigh	IET, IAENG	Life Member
16.	Dr.Akhilesh Tiwari	IETE, IAENG, IACSIT	Life Member
17.	Dr.Manish Dixit	IEEE	Member
Chemical Engineering			
1.	Prof. Anish. P. Jacob	IWWA	LM
2.	Prof. Sachin R. Geed	IWWA	LM
3.	Dr. Rakesh Kumar Dubey	IIME	LM
Biotechnology			
1.	Sunita Sharma	Biotech Research Society of India	Life Member
2.	Sunita Sharma	Association of Microbiology of India	Life Member
Applied Sciences			
1	Dr. Abhay Mishra	ISTE (Indian Society for Technical Education)	LM 10904
		IETE (Fellow of Institution of Electronics and Telecommunication)	F 120815
		IANCAS (Indian Association of Nuclear Chemists and Allied Scientists)	LM 994
		IAPS (International Academy of Physical Sciences)	LM N05004
		ITAS (Indian Thermal association)	LM 391
2	Dr. V. P. Shinde	International Association of Engineers	LM
		Opsearch	LM
		ISTE (Indian Society for Technical Education)	LM
3	Dr. D. K. Jain	Gwalior Academy of Mathematical Sciences	LM No. 0018
		Indian Academy of Mathematics, Indore.	LM No. 111
		Rajasthan Ganita Parishad, Ajmer	LM No. 03/216
		Life Member of ISTE, New Delhi.	LM No. 37978
4	Prof. Jitendra Kumar	Vijnana Parishad of India	LMVPI/2011/144



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		International Association of Engineers	214320
5	Prof. D. K. Mishra	Vijnana Parishad of India	LM
		International Association of Engineers	218455
6	Dr. Shourabh Bhattachayya	Member of IEEE	-
Architecture			
1	Dr. Sanjay Singh Jadon	Council of Architecture	LM
2		Indian Institute of Architecture	LM
3	Dr. Alok Sharma	Council of Architecture	LM
4	Prof. L.K.Jain	Council of Architecture	LM
		Indian Institute of Architecture	LM
5	Dr. Anjali S. Patil	Council of Architecture	LM

13. 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	MITS, Gwalior	27 th to 28 th October, 2018	02 Days
5	Gautam Bhadoria	Advanced Optimisation Techniques	MITS, Gwalior	16 th to 17 th 2018	02 Days
6	Pranjul Rajput	Advanced Optimisation Techniques	MITS, Gwalior	16 th to 17 th 2018	02 Days
7	Manish Kumar Sharma	Advanced Optimisation Techniques	MITS, Gwalior	16 th to 17 th 2018	02 Days
8	Shyamveer Singh Chauhan	Advanced Optimisation Techniques	MITS, Gwalior	16 th to 17 th 2018	02 Days
9	Wajid Hussain	Advanced Optimisation Techniques	MITS, Gwalior	16 th to 17 th 2018	02 Days
10	G. Bhadoriya	Workshop on Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
11	A.K. Agrawal	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
12	Pankaj Kumar	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day



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13	Chetan Sharma	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
14	Nupur Verma	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
15	Pratibha Singh	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
16	Shivam Gupta	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
17	Shivendra S. Kushwah	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
18	Gagan Mudgal	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
19	Priyank Goyal	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
20	Anand Kumar R	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
21	Nishi Gangwar	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
22	Almas Siddiqui	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
23	Mohit Aggarwal	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
24	Sourabh Kakani	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
25	Shashank Sharma	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
26	Shyamveer S. Chauhan	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
27	Pranjul Rajput	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
28	Manish Kumar Sharma	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
29	Wajid Hussain	Disaster : Risk & Management	MITS, Gwalior	11 th Oct 2018	01 Day
30	Gautam Bhadoria	Sustainable Development : Methods and Practice	MITS, 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	IIITDM, Jabalpur	13-10-2018 to 17-10-2018	5 Days
10	Prof. Dinesh Kasdekar	FDP	IIITDM, Jabalpur	13-10-2018 to 17-10-2018	5 Days
11	Dr. M.K. Sagar	QIP-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



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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	MITS, 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 Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
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



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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



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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	IEEE Int. Conf. on Power, Control, Signals and Instrumentation Engineering (ICPCSI-2017)	Saveetha Engg. College, Chennai, Tamil Nadu	21-22 September, 2017	Two days
39	Prof. Himmat Singh	GIAN course on Sustainability in The Built Environment	MITS, Gwalior	19-30 March 2018	Two Week
40	Dr. Vijay Bhuria	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
41	Dr. Vijay Bhuria	Short term course on Fundamentals of Robotics and Artificial Intelligence under TEQIP-III	IIT Guwahati	04-08 Feb-2019	One week
42	Dr. Vijay Bhuria	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
43	Dr. Vijay Bhuria	How to write Patent	MITS, Gwalior	21.7.2018	One day
44	Dr. Vijay Bhuria	IET Student Chapter activity Present Around The World Competition 2017	Amity University Noida	15 July 2017	One day
45	Dr. Vijay Bhuria	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
46	Dr Vijay Bhuria	Faculty Mentors on Induction Programme for new students	SGSITS, Indore	22-24 September 2017	Three days
47	Dr Vijay Bhuria	South Asian Community Volunteer Conference (SA CVC 2018)	Mahabalipuram, CHENNAI	2-3 February 2018	Two days
48	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
49	Dr Vijay Bhuria	Short term course on Optimization Techniques and its Engineering Applications	MITS, Gwalior	15-19 March 2018	One week
50	Dr Vijay Bhuria	GIAN course on Sustainability in The Built Environment	MITS, Gwalior	19-30 March 2018	Two week



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51	Prof. Kuldeep Swarnkar	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
52	Prof. Kuldeep Swarnkar	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
53	Prof. Kuldeep Swarnkar	How to write Patent	MITS, Gwalior	21.7.2018	One day
54	Prof. Kuldeep Swarnkar	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
55	Prof. Kuldeep Swarnkar	Workshop on "Effective Techniques of Question Paper Setting: An Outcome Based Education Approach"	MITS, Gwalior	07-08 February 2018	Two days
56	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
57	Prof. Praveen Bansal	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
58	Prof. Praveen Bansal	National workshop on Power Electronics (NWPE-2017)	IIT, Roorkee India	9-11 October 2017	Three days
59	Prof. Praveen Bansal	National Workshop on Industries Innovators Entrepreneurs Facilitators and Academia IIEFA-2017	Vigyan Bharati, Bhopal	23 -24 September 2017	Two days
60	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
61	Prof. Praveen Bansal	National IEEE Workshop on Power Electronics in Smart Grid & Optimal Power Trading Mechanism	Delhi Technological University	November 03	One day
62	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
63	Prof. Vishal Chaudhary	Energy Audit and Management	MITS, Gwalior	29.9.2018	One day
64	Prof. Vishal Chaudhary	How to write Patent	MITS, Gwalior	21.7.2018	One day
65	Prof. Vishal Chaudhary	Summer Training Programme on Active Learning for Senior Faculty	IIT, Indore	18-22 June 2018	One week
66	Prof. Vishal Chaudhary	IET Student Chapter activity Present Around The World Competition 2017	Amity University, Noida	15 July 2017	One day



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67	Prof. Vishal Chaudhary	Short Term Course on “Advanced Optimization Techniques for Engineering Applications”	NIT, Kurukshetra, Haryana	13-17 January 2018	One week
68	Prof. Vishal Chaudhary	AICTE Sponsored Short Term Course on “Numerical Methods in Electromagnetics”	MITS, Gwalior	27-31 January 2018	One week
69	Prof. Vishal Chaudhary	Workshop on “Effective Techniques of Question Paper Setting: An Outcome Based Education Approach”	MITS, Gwalior	07-08 February 2018	Two days
70	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
71	Prof. Vishal Chaudhary	Workshop on “Swarm and Evolutionary Algorithms: Theory and Applications”	IIT, Roorkee	17-18 March 2018	Two days
72	Prof. Vishal Chaudhary	National Conference on Intellectual Property and Entrepreneurship	IIT, Roorkee	19 March 2018	One day
73	Prof. Punjan Dohre	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
74	Prof. Punjan Dohre	Faculty Induction Program	IIT, Kanpur	09 – 13 February 2018	One week
75	Prof. Punjan Dohre	TEQIP Workshop on Biomimetics and Biological Soft Materials	IIT, Hyderabad	27 -30 June, 2018	One week
76	Prof. Punjan Dohre	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
77	Prof. Rahul Sagwal	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
78	Prof. Rahul Sagwal	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
79	Prof. Nipun Gupta	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
80	Prof. Nipun Gupta	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
81	Prof. Nipun Gupta	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
82	Prof. Bhavna Rathore	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
83	Prof. Bhavna Rathore	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
84	Prof. Bhavna Rathore	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
85	Prof. Shailendra Pratap Singh	Advanced Optimization Techniques and	MITS, Gwalior	16-17 November 2018	Two days



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		Research Directions			
86	Prof. Shailendra Pratap Singh	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
87	Prof. Shailendra Pratap Singh	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
88	Prof. Sourabh Rajput	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
89	Prof. Sourabh Rajput	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
90	Prof. Sourabh Rajput	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
91	Dr. Vikram	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
92	Dr. Vikram	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
93	Dr. Vikram	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
94	Prof. Shweta Kumari	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
95	Prof. Shweta Kumari	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
96	Prof. Aparajita Kumari	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
97	Prof. Aparajita Kumari	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
98	Prof. Sanjay Kulshreshtha	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
99	Prof. Sanjay Kulshreshtha	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
100	Prof. Sanjay Kulshreshtha	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
101	Prof. Avinash Sharma	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
102	Prof. Avinash Sharma	Disaster: Risk & Management	MITS, Gwalior	11 th October 2018	One day
103	Prof. Avinash Sharma	Energy Audit and Management	MITS, Gwalior	29 th September 2018	One day
104	Prof. Manoj Kumar	Advanced Optimization Techniques and Research Directions	MITS, Gwalior	16-17 November 2018	Two days
105	Prof. Tarun Srivastva	Optimization Techniques using Nature Inspired Algorithm for Engineering	MITS, Gwalior	13-17/ Feb 2019	One week



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		Applications			
106	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



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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	MITS, Gwalior	1-5 Feb 2019	One Week



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		Data Mining and Image Processing			
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 Makwana	National Workshop on Soft Computing Techniques & its Applications	MITS, Gwalior	18-19 January 2019	Two Days
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



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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	MITS, Gwalior	21-25 February	05 Days
2	Prof. Swati Gupta	Advanced Optimization Techniques & Research direction	MITS, Gwalior	16-17 Oct. 2018	02 Days
3	Prof. Swati Gupta	Thermodynamics and its Applications to Solar Energy Systems Design	MITS, Gwalior	09-18 March 2019	2 Week
4	Prof. Anish P. Jacob	Sustainable Development : Method & Practices	MITS, Gwalior	21-25 February	05 Days
5	Prof. Arti Sahu	Thermodynamics and its Applications to Solar Energy Systems Design	MITS, Gwalior	09-18 March 2019	2 Week
6	Dr. Rakesh K. Dubey	Thermodynamics and its Applications to Solar Energy Systems Design	MITS, Gwalior	09-18 March 2019	2 Week
7	Prof. Sachin R. Geed	Nano-Science & Technology	MITS, Gwalior	14-18 March 2019	5 Days



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8	Dr. Kulbhushan Samal	Nano-Science & Technology	MITS, Gwalior	14-18 March 2019	5 Days
9	Prof. Pratap Singh	Nano-Science & Technology	MITS, 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



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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	1 $\frac{1}{2}$ 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	Participated in Three Day National Workshop on Communication Skills for Effective Teaching in Higher Education	Organized by NIT, Warangal	24-26 February 2017	03 Days
14	Umesh Guramwar	Participated in Two Days National Conference on Professional Ethics and Human Values	Organized by The Dept. HSS, VNIT, Nagpur	18 - 19 Dec, 2016	02 Days
15	Umesh Guramwar	Participated in One Week Workshop on Research Methodology	Organized by VNIT, Nagpur	18 - 22nd May, 2016	05 Days
16	Umesh Guramwar	Completed FDP on Technical English for Engineers	Organized by IIT, Madras Through NPTEL	August to September 2018	1 Week
17	Umesh Guramwar	Completed FDP on Introduction to Literary Theory and Criticism	Organized by IIT, Madras Through NPTEL	August to September 2018	1 Week
18	Umesh Guramwar	Completed FDP on Applied Linguistics	Organized by IIT, Madras Through NPTEL	August to September 2018	1 $\frac{1}{2}$ Weeks
19	Dr Valiur Rahaman	An Online Refresher Course on English	Ugc-Mhrd Coordinator Prof.	1.11.2018-28.2.2019	40 hrs



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		Language Teaching (ARPIT) Going on	Joshi Hrdc, Gujarat University		
20	Dr Valiur Rahaman	NPTEL FDP Perspectives of Neurolinguistics Through IIT Roorkee (Going on)	(Going On)		4 weeks
21	Dr Valiur Rahaman	5 Web Lectures on The Course 'English for Communication' Delivered to UG Students of Various Colleges of MP Affiliated to RGPV Bhopal Through DTE MP	DTE MP	Starting from	
22	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)	
23	Dr Valiur Rahaman	Acts of Literary Theory (Book)	Yking Books, Jaipur	2017	
24	Dr Garima Singh Baghel	NPTEL Course Soft Skills & Personality Development Through IIT Kanpur	Going on		
25	Dr Garima Singh Baghel	Presented Pooro 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		
26	Dr Garima Singh Baghel	Attended Faculty Training Programme	IIT, Indore	24 to 28 June 2019	1 Week
27	Umesh Guramwar	Attended Faculty Training Programme	IIT, Indore	24 to 28 June 2019	1 Week
28	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



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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.			
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



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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, MMTU, Gorakhpur	April 5-6, 2019	2 days
18	Ashish Varma	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.	on line NPTL 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	NPTEL & SWAYAM		



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		Education , MITS, Gwalior			
12	Ar. Pranshi Jain	Assuring Global Quality in Technical Education Trough Out Come Based Education	NPTEL & SWAYAM		
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		

14. 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	CIPET 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	ATI EPI Dehradun	11-15 June 2018	One week



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		for Industrial Automation			
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	MIT, Gwalior	19.09.2018 - 23.09.2018	5 days
5	Shashi Goel	Training Programme on Lab Practices under TEQIP- III	MIT, Gwalior	17.06.2019 - 22.06.2019	One week
6	Devendra Singh	Training Programme on Lab Practices under TEQIP- III	MIT, Gwalior	17.06.2019 - 22.06.2019	One week
7	Rajesh Sharma	Training Programme on Lab Practices under TEQIP- III	MIT, Gwalior	17.06.2019 - 22.06.2019	One week
Electronics Engineering					
1	Sumita Swaitul	Advance Office Management & Administrative Skills	MIT, 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	MIT, Gwalior	17.06.2019 - 22.06.2019	One week
4	G. Pophali	Training Programme on Lab Practices under TEQIP- III	MIT, Gwalior	17.06.2019 - 22.06.2019	One week
5	S.R. Das	Training Programme on Lab Practices under TEQIP- III	MIT, Gwalior	17.06.2019 - 22.06.2019	One week
Computer Science and Engineering					
1	Sanjay Arolia	Training on Internet of Things organized by Advance Tech India Pvt. Ltd in collaboration with Dept of CSE/IT	MIT, Gwalior	Sept 4-8, 2018	5 days
2	Sanjay Arolia	Training Programme on Lab Practices under TEQIP- III	MIT, Gwalior	17.06.2019 - 22.06.2019	One week
Chemical Engineering					
1	Sanket Mudgal	Advance Office Management & Administrative Skills	MIT, Gwalior	19.09.2018 - 23.09.2018	5 days
Biotechnology					
1	Kanti Bisht	Advance Office Management & Administrative Skills	MIT, Gwalior	19.09.2018 - 23.09.2018	5 days
Applied Sciences					
1	Sadhya Sharma	Training Programme on Lab Practices under TEQIP- III	MIT, Gwalior	17.06.2019 - 22.06.2019	One week
Architecture					
1	Vivek Jain	Advance Office Management & Administrative Skills	MIT, 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	MIT, 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	MIT, Gwalior	19.09.2018 - 23.09.2018	5 days
2	Manish Gupta	Advance Office Management & Administrative Skills	MIT, Gwalior	19.09.2018 - 23.09.2018	5 days



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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

ENTREPRENEURSHIP DEVELOPMENT CELL

Resource Person	Title of the Programme	Funding Agency	Duration	Number of Trainees
Dr. P.S. Bhadouria Mr. Jitendra Aran	Assistant Electrician (Construction)	AICTE, New Delhi	17/09/2018 to 05/01/2019	25
Mr. Jeetendra Bhartiya Mr. Rajul Jain	Field Technician – Computing and Peripherals Smartphone Repair Technician	AICTE, New Delhi	17/09/2018 to 16/01/2019	25
Mr. Jeetendra Bhartiya Mr. Akshat Agarwal	Technical Entrepreneurship Development Programme – 3 Nos	DST, New Delhi	01/04/2018 to 23/07/2019	75
Mr. Kaushlendra Singh Bhadouria	Entrepreneurship Development Programme – 3 Nos	DST, New Delhi	01/04/2018 to 23/07/2019	75
Mr. Kaushlendra Singh Bhadouria	Entrepreneurship Awareness Camp – 8 Nos	DST, New Delhi	01/04/2018 to 23/07/2019	640
Mr. Pankaj Singhal	Maintenance of Personal Electronics Device (Mobile Repairing)	Nagar Nigam, Gwalior	24/01/2018 to 13/07/2018	20
Mr. Satish Sharma	Repairing and Maintenance of Domestic	Nagar Nigam, Gwalior	24/03/2018 to 10/09/2018	20



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	Electronic AC/Refrigeration			
Mr. Mohan Kumar	Repairing and Maintenance of Domestic Electronic AC/Refrigeration	Nagar Nigam, Gwalior	18/07/2018 to 07/02/2019	20
Mr. Satish Sharma	Repairing and Maintenance of Domestic Electronic AC/Refrigeration	Nagar Nigam, Gwalior	01/09/2018 to 28/02/2019	20
Mr. Akshat Agarwal	Web Designing and Publishing Assistant	Nagar Nigam, Gwalior.	27/02/2018 to 02/03/2019	19
Mr. Mohan Kumar	Field Technician –AC	DTE, Bhopal	01/03/2018 to 28/07/2018	20
Dr. P.S. Bhadouria	Advance Office Management & Administrative Skills	Technical Education Quality Improvement Programme TEQIP-III	19/09/2018 to 23/09/2018	30
Dr. P.S. Bhadouria	Winter Internship	All India Council of Technical Education, New Delhi	17/12/2018 to 22/12/2018	106
Dr. P.S. Bhadouria	Faculty Development Programme	DST, New Delhi	05/01/2019 to 18/01/2019	27
Dr. P.S. Bhadouria	TIE: Technology, Innovation and Entrepreneurship	DST, New Delhi	23/02/2019	80
Mr. Jeetu Kushwah	Computer Hardware Assistant	Nagar Nigam, Gwalior	01/03/2018 to 16/08/2019	20
Mr. Mohan Kumar	Repairing and Maintenance of Domestic Electronic AC/Refrigeration	Nagar Nigam, Gwalior	01/03/2018 to 24/08/2019	20
Dr. P.S. Bhadouria	Lab Practices	Technical Education Quality Improvement Programme TEQIP-III	17/06/2019 to 22/06/2019	30
Dr. P.S. Bhadouria	Summer Internship	All India Council of Technical Education, New Delhi	30/05/2019 to 14/06/2019	33

15. SUMMARY OF FACULTY ACHIEVEMENTS AS PERSONS (MENTIONED ABOVE)

	No. of Faculty	International Level	National Level	State Level
Department – (Mechanical Engineering, Electronics Engineering, CSE/IT, Biotechnology, Applied Science & Architecture)				
Attended Conferences	15	10	44	-
Attended Workshop	70	3	29	42
Experts in Committee	14	-	-	05
Resource Persons	32	2	1	3



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Expert Lectures	17	1	1	3
Keynote Address	08	-	-	-
Invited Talk	17	2	-	-
Reviewers of Journals	23	07	-	-
Presented Papers	15	12	3	-
PC Member/Organizing Committee Member	06	-	-	3
Attended Training	51	-	10	-

16. STUDENT ACHIEVEMENTS (CAT, GATE, PLACEMENTS ETC.)

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	
2	Ojaswi Goyal	2019	95.08	



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Chemical Engineering				
1	Uttama Hande	2019	90.09	
Architecture				
1	Harshita Sharma	2019	43.00	
2	Amiksha Jain	2019	43.33	
3	Radhika Sarda	2019	46.00	
4	Aditya Pratap Singh	2019	44.33	
5	Kajal Indurakhya	2019	45.33	
6	Sonal Bagga	2019	44.33	
7	Mragank Gupta	2019	42.33	
8	Deepankshi Verma	2019	44.00	
9	Gargee	2019	44.00	

GATE QUALIFIED STUDENTS :

S.No.	Name of Student	Year	Marks Out of 100	AIR	Institute Admitted
Civil Engineering					
1	Akanksha Shrivastava	2019	30.85	16996	
2	Akash Raj Shahwal	2019	26.67	22986	
3	Anmol Chawla	2019	35.73	11969	
4	Anoop Rathore	2019	35.25	12426	
5	Anurag Gupta	2019	41.65	7704	
6	Ashma Parween	2019	45.09	5844	
7	Deepali Gupta	2019	43.12	6811	
8	Devendra Kumar Kourav	2019	32.95	14527	
9	Ekta Raghuvanshi	2019	38.17	10061	
10	Harshlata Bhutyani	2019	41.48	7794	
11	Himanshu Sharma	2019	32.25	15442	
12	Himanshu Sharma	2019	36.89	10984	
13	Hina Bansal	2019	49.35	3954	
14	Kamal Sharma	2019	54.27	2401	
15	Mayank Shakya	2019	29.67	18558	
16	Monika Khare	2019	38.87	9453	
17	Mritunjay Raghuwanshi	2019	41.31	7892	



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18	Nahar Singh Rajpoot	2019	35.25	12426	
19	Narendra Kumar Jha	2019	35.03	12559	
20	Nilesh Yadav	2019	53.61	2585	
21	Prachi Dhurwey	2019	22.78	30541	
22	Pramod Kumar Lodhi	2019	32.59	15105	
23	Priyanka Goyal	2019	33.94	13632	
24	Pushpendra Kumar Gupta	2019	43.77	6412	
25	Rahul Jatav	2019	27.7	21393	
26	Rahul Singh Sengar	2019	39.84	8847	
27	Raju Singh Lodhi	2019	21.09	NA	
28	Ramkrishna Katare	2019	37.22	10711	
29	Rohit Kumar	2019	19	40650	
30	Rohit Kumar Sahu	2019	40.96	8114	
31	Sandeep Meena	2019	35.25	12426	
32	Sanjay Kushwaha	2019	61.17	1023	
33	Shivam Narway	2019	19.35	39512	
34	Som Pal	2019	30.33	17662	
35	Sourabh Agrawal	2019	44.76	5993	
36	Sourabh Kori	2019	22.46	31328	
37	Swapnil Shukla	2019	32.59	15105	
38	Twinkle Para	2019	28.03	20916	
39	Vasundhara Sharma	2019	35.73	11969	
40	Yash Baleja	2019	25.97	NA	
Mechanical Engineering					
1	Somesh Pal	2019	54.75	16344	Counselling in Process.
2	Akash Yadav	2019	57.03	21311	Counselling in Process.
3	Raj Kumar Prajapati	2019	28.59	13487	Counselling in Process.
4	Anmol Pandey	2019	60.96	20014	Counselling in Process.
5	Ankit Sharma	2019	57.37	5052	Counselling in Process.
6	Mahimn Agnihotri	2019	41.34	15506	Counselling in Process.
7	Lohit Chaturvedi	2019	56.69	1650	Counselling in Process.
8	Shubham Singh	2019	69.79	2350	Counselling in Process.
9	Rajendra Sahu	2019	42.65	9522	Counselling in Process.
10	Amit Singhal	2019	64.51	14283	Counselling in Process.



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11	Swapnil Gupta	2019	38.34	4015	Counselling in Process.
12	Yogesh Bajpai	2019	45.59	12944	Counselling in Process.
13	Abhay Kumar Rishi	2019	67.18	7295	Counselling in Process.
14	Rishabh Gupta	2019	62.81	9302	Counselling in Process.
15	Divyanshu Gupta	2019	36.30	9302	Counselling in Process.
16	Vimal Kumar Dwivedi	2019	35.13	6679	Counselling in Process.
17	Sachin Singh	2019	31.88	2427	Counselling in Process.
18	Shivam Gupta	2019	47.56	16504	Counselling in Process.
19	Divyansh Singhal	2019	72.41	10074	Counselling in Process.
20	Abhishek Tiwari	2019	37.32	13618	Counselling in Process.
21	Yashwant Nigdikar	2019	30.88	6362	Counselling in Process.
22	Manish Kumar Prajapati	2019	47.52	33302	Counselling in Process.
23	Kapil Kumar Jain	2019	37.33	4553	Counselling in Process.
24	Aditi Sharma	2019	42.33	6194	Counselling in Process.
25	Navdeep Kumar	2019	54.75	17131	Counselling in Process.
26	Utkarsh Saxena	2019	57.03	6521	Counselling in Process.
27	Aman Pachauri	2019	28.59	1693	Counselling in Process.
28	Rathang Pani Vashishtha	2019	60.96	15947	Counselling in Process.
29	Bharat Kumar Wadhvani	2019	57.37	3241	Counselling in Process.
30	Pallav Bhatia	2019	41.34	20184	Counselling in Process.
31	Kautuk Mishra	2019	56.69	13487	Counselling in Process.
32	Milind Omendra	2019	69.79	2378	Counselling in Process.
33	Achal Sharma	2019	42.65	3831	Counselling in Process.
34	Piyush Agraiya	2019	64.51	22463	Counselling in Process.
35	Anshumaan Upadhyay	2019	38.34	23852	Counselling in Process.
36	Parul Sahu	2019	45.59	28030	Counselling in Process.
37	Deepak Kumar Mehta	2019	67.18	11965	Counselling in Process.
38	Neeraj Sahu	2019	62.81	1138	Counselling in Process.
39	Ajay Dubey	2019	36.30	21311	Counselling in Process.
40	Anand Thakur	2019	35.13	14674	Counselling in Process.
41	Priyanka Yadav	2019	31.88	29533	Counselling in Process.
42	Aditi Gupta	2019	47.56	12085	Counselling in Process.
43	Rohit Jain	2019	72.41	295	Counselling in Process.
44	Samyak Jain	2019	37.32	215	Counselling in Process.



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Electrical Engineering					
1	Medha Verma	2018	286	25125	
2	Ashish Bhadkariya	2018	283	25768	
3	Rahul Gautam	2018	305	22158	
4	Vikash Umraiya	2018	305	22158	
5	Irshad Mohammad	2018	360	15607	
6	Alok Singh	2018	371	14556	
7	Ankush Kumar Singh	2018	400	12100	
8	Vikash Khemariya	2018	404	11820	
9	Swapnil Rajjput	2018	452	8733	
10	Anoop Sharma	2018	470	7759	
11	Saurabh Shukla	2018	488	6863	
12	Bheem Sharan Gautam	2018	492	6700	
13	Vaibhav Shrivastava	2018	492	6700	
14	Neeraj Dhakad	2018	510	5910	
15	Shriya Tiwari	2018	569	3779	
16	Aayush Jain	2018	624	2373	
17	Vishal Jain	2018	625	2373	
18	Vivek Bilavadiya	2018	444	9175	
19	Rupali Thakre	2018	356	15981	
20	Ankit Kekre	2018	562	4010	
21	Ayush Singh Kushwaha	2018	587	3264	
22	Govind Madhav Dubey	2018	477	7370	
Electronics Engineering					
1	Abhishek Patel	2018	24.33	9168	
2	Priyanka Banerjee	2018	38.67	1986	
3	Radhika Awasthi	2018	29.00	5620	
4	Shivangi Gupta	2018	26.00	7652	
5	Ashvini Kumar Sharma	2018	56.33	125	
6	Shivakant Tripathi	2018	53.33	217	
7	Bhanu Singh Rajpoot	2018	23.33	10096	
8	Manish Singh Bhadouria	2018	26.00	7652	
9	Himanshu Gupta	2018	39.00	1914	
10	Abhijeet Singh Jadon	2018	32.67	3866	



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11	Ayush Gupta	2018	36.33	2585	
12	Utkarsh Badal	2018	31.00	4600	
13	Shailendra Singh Tomar	2018	31.33	4438	
Computer Science & Engineering					
1	Ashwani Dongre	2019	47.67	3226	
2	Snehil Saxena	2019	33.67	10213	
3	Vipray Jain	2019	59	1046	
4	Abhinav Lahariya	2019	56	1454	
5	Amiya Tripathi	2019	68.67	280	
6	Rahul Kumar	2019	35	9162	
7	Akshay Kakoriya	2019	22.67	24636	
8	Anuj Tiwari	2019	59	1046	
9	Sanchit Minda	2019	34.33	9673	
10	Raj Shukla	2019	31.67	12007	
11	Rohit Gupta	2019	69.67	240	
12	Manoj Kumbhkar	2019	32.67	11077	
13	Abhijeet Shukla	2019	30.67	13027	
14	Shubham Kewat	2019	43	4811	
15	Amit Raghuwanshi	2019	61	808	
16	Azad Singh	2019	55	1619	
17	Chandresh Jain	2019	46	3736	
18	Sakshi Parashar	2019	52.67	2050	
19	Omprakash Kushwaha	2019	29	14872	
20	Sachin Khatloiya	2019	23.67	22711	
21	Priyanka Setiya	2019	41	5622	
22	Tanish S Chauhan	2019	62	706	
23	Achal Gupta	2019	44.33	4320	
24	Naman Gupta	2019	49	2893	
25	Amisha Garg	2019	30.67	13027	
26	Simran Batra	2019	50.67	2469	
27	Deeksha Tripathi	2019	34.33	9673	
28	Sumit Sharma	2019	30.67	13027	
29	Shivam Banerji	2019	24.33	21562	
30	Vivek Khandelwal	2019	78.33	45	



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31	Gourav Barkle	2019	25	20483	
Information Technology					
1	Prayas Bansal	2019	35.67	8707	
2	Dhawal Upadhyay	2019	32.67	11077	
3	Sagar Gupta	2019	52.33	2111	
4	AYUSH Rawat	2019	64.33	498	
5	Abhishek kaushal	2019	25	20483	
6	Anit Yadav	2019	27	17462	
7	Sourav yadav	2019	30.33	13392	
8	Neelu Verma	2019	27.33	17007	
9	Bhavesh Lodha	2019	41.67	5318	
10	Vishal Singh	2019	40	6124	
11	Parth Malhotra	2019	33	10776	
12	Vatsalya	2019	35.33	8942	
13	Yashdeep Awasthi	2019	41.67	5318	
14	Aparna Jain	2019	44.33	4320	
Chemical Engineering					
1	Parnika Shrivastava	2019	42.00	1467	
2	Abhishek Awasthi	2019	50.00	669	
3	Vibhor Arora	2019	37.00	2158	
4	Rajveer Dhakad	2019	34.67	2535	
Biotechnology					
1	Neha Joshi	2019	35.33	1587	
2	Rakshita Saxena	2019	46.00	417	
Automobile Engineering					
Electronics & Telecommunication Engineering					
Architecture					
1	Harshita Sharma	2019	43.00	1247	
2	Amiksha Jain	2019	43.33	1196	
3	Radhika Sarda	2019	46.00	837	
4	Aditya Pratap Singh	2019	44.33	1056	
5	Kajal Indurakhya	2019	45.33	923	



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6	Sonal Bagga	2019	44.33	1056	
7	Mragank Gupta	2019	42.33	1333	
8	Deepankshi Verma	2019	44.00	1095	
9	Gargee	2019	44.00	1095	

SUMMARY OF GATE QUALIFIED STUDENTS - 2019

S. No.	Branch	No. of Students
1.	Civil Engineering	40
2.	Mechanical Engineering	44
3.	Electrical Engineering	22
4.	Electronics Engineering	13
5.	Computer Science & Engineering	31
6.	Information Technology	14
7.	Chemical Engineering	04
8.	Biotechnology	02
9.	Automobile Engineering	06
10.	Electronics & Telecommunication Engineering	08
11.	Architecture and Planning	09
Total		193

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	Capgemini
2.	Yash Baleja	2019	Capgemini
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



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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



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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



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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



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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



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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



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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	RIRCM
206.	Manish Raje	2019	RIRCM
Computer Science			
207.	Abhijeet Shukla	2019	Infosys



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208.	Abhinav Lahariya	2019	Infosys
209.	Achal Gupta	2019	Infosys
210.	Amisha Garg	2019	Infosys
211.	Amit Raghuvanshi	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



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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



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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



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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



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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



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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



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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



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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.	Vaishnavi Chaturvedi	2019	RIRCM
Electronics & Telecommunication			
468.	Abhishek Singh Rajput	2019	Infosys
469.	Chandrika Sharma	2019	Infosys
470.	Himanshu Sharma	2019	Infosys
471.	Rishabh Shivhare	2019	Infosys
472.	Sudhir Singh	2019	Infosys
473.	Yash Kumar Shrivastava	2019	Infosys
474.	Abhishek Singh Rajput	2019	Accenture



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475.	Aditya sharma	2019	Accenture
476.	Ashutosh Gupta	2019	Accenture
477.	Chandrika Sharma	2019	Accenture
478.	Deepali Verma	2019	Accenture
479.	Deepali Yadav	2019	Accenture
480.	Jayendra Joshi	2019	Accenture
481.	Lokesh Chandron	2019	Accenture
482.	Namratesh Shrivastav	2019	Accenture
483.	Nivedita Ambardekar	2019	Accenture
484.	Prajjujal Shrivastava	2019	Accenture
485.	Shreya Sharma	2019	Accenture
486.	Sudhir Singh	2019	Accenture
487.	Tanvi Agrawal	2019	Accenture
488.	Trisha Mazumdar	2019	Accenture
489.	Vivek Kumar Rajak	2019	Accenture
490.	Yash Kumar Shrivastava	2019	Accenture
491.	Shri Krishna Sharma	2019	Accenture
492.	Deepak Tripathi	2019	Accenture
493.	Ayush Bansal	2019	Capgemini
494.	Kushagra Gupta	2019	Capgemini
495.	Lokesh Chandron	2019	BYJU's
496.	Shri Krishna Sharma	2019	BYJU's
497.	Akshay Baishander	2019	Mobiloitte
498.	Duragesh Mishra	2019	Mobiloitte
499.	Shailvi Sharma	2019	Mobiloitte
500.	Shailvi Sharma	2019	Amdocs
501.	Sudhir Singh	2019	Samsung
502.	Sumit Dubey	2019	Samsung
503.	Yash Kumar Shrivastava	2019	Samsung
504.	Dhiraj Kumar	2019	R1RCM
505.	Duragesh Mishra	2019	R1RCM
506.	Samrat Sharma	2019	R1RCM
M.Tech. CSE			
507.	Shradha Dubey (MCSE)	2019	Amdocs



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M.Tech. Cyber Security			
508.	Shubham Sharma (MCYS)	2019	Infosys
509.	Vaibhav Kumar Dubey (MCYS)	2019	Amdocs
MCA			
510.	Anchal Kushwaha	2019	Infosys
511.	Diksha Kushwah	2019	Infosys
512.	Anchal Kushwaha	2019	Accenture
513.	Disha Mishra	2019	Accenture
514.	Kirtika Varshney	2019	Accenture
515.	Shivani Saxena	2019	Accenture
516.	Twinkle Gupta	2019	Accenture
517.	Pinkesh Jain	2019	Accenture
518.	Twinkle Gupta	2019	TCS
519.	Vishnu Verma	2019	TCS
520.	Pinkesh Jain	2019	Praedico Global Research Pvt. Ltd. (Stock Gurukul)
521.	Sakshi Sharma	2019	Praedico Global Research Pvt. Ltd. (Stock Gurukul)
522.	Saloni Jain	2019	Praedico Global Research Pvt. Ltd. (Stock Gurukul)
523.	Twinkle Gupta	2019	Praedico Global Research Pvt. Ltd. (Stock Gurukul)
524.	Anamika Kushwah	2019	Mobiloitte
525.	Aditya Bansal	2019	Mobiloitte
526.	Renu Gupta	2019	Mobiloitte
527.	Monika Rawat	2019	Amdocs
528.	Sakshi Sharma	2019	Amdocs
529.	Shreshtha Rathore	2019	Amdocs

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



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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									1
30.	Samsung					2						3	5
31.	Tata Motors			1							1		2
32.	Godrej			5									5
33.	GE			5									5
34.	RIRCM			2	2	2	1				1	3	11
	Total	23	30	39	39	98	162	68	21	1	9	39	529



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17. RESEARCH, CONSULTANCY, OTHER FUNDING, EXTENSION (Projects Sanctioned & Ongoing Including In-House Projects)

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. Manjaree Pandit	Conference on "Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology", to MITS, Gwalior	AICTE, New Delhi	67-6/RIFD/GOC/ POL-1/2017-18	Feb. 2019	2018-2019	500000/-	500000/-
2	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)
Applied Science								
1	Dr. Vikas Shinde	(Under Prerana Scheme)	AICTE, New Delhi	72- Policy-(11)/RIFD /PRERANA/2017-18	Jan. 2019	2018-2019	730000/-	730000/-
Architecture								
1	Dr. Alok Sharma	Modernization and Removal of Obsolescence Scheme	AICTE, New Delhi	9-29/RIFD/ MODROB/POLICY- 1/2017-18	Jan. 2019	2018-2019	1749000/-	1749000/-



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COLLABORATIVE RESEARCH SCHEME (CRS) PROPOSALS SUBMITTED 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/-



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18. 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	

19. 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
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



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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 CO-PI - Prof. Swati Gupta	Cost effective and Environment benign production of value added products by structured electrocatalyst	CRS, TEQIP -III	1 Year	25,00,000
2.	PI- Dr. Antaram Sarve CO-PI - Prof. Anish P. Jacob	A Novel approach one pot extraction of galactomannan using mediated CO ₂	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



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20. NEW LABS ESTABLISHED/EQUIPMENTS PURCHASED THIS YEAR

S.No.	Name of New Lab	Name of New Equipments	Utilization Status [#]
Electrical Engineering			
1	Electrical Machine Lab	DC Shunt Motor coupled to DC Shunt Generator DC Compound Motor coupled with DC Shunt Generator DC Shunt Motor coupled to Mechanical Load (belt and pulley type) DC series Motor coupled to Mechanical Load (belt and pulley type) 3 Phase Slip Ring & Squirrel Cage Induction Motor coupled to Mechanical Load. Three Phase 4 pole Slip ring Induction Motor coupled to 3 Phase 2 pole Slip ring Induction Motor Synchronous Motor coupled with DC Machine and a rotary exciter and static DC Source. DC Motor coupled to AC Generator DC Motor coupled to AC Generator. DC Machine coupled to Salient Pole alternator 1 phase Transformer Test set up Three Phase Transformer Test set up Three Phase Auto Transformer Servo Control Voltage Transformer AC Distribution Panel	Utilizing for BE 2nd year
2	Power Electronics & Drives Lab	Converter/Regulator Based Drives 1 Phase Input Converter/Regulator Based Drives (3 Phase) Three Phase Dual Converter Inverter Based Drives (1 Phase Input IGBT Based) Inverter Based Drives(3 Phase IGBT Based) Chopper Based Drives(3 Phase IGBT Based) Chopper Based Drives (4 Quadrant 3 Phase) TMS320F28335 DSP Based Motor Control Setup SCR Power Circuit For Half And Full Three Phase Converter/Regulator Bridges SCR Power Circuit For Half And Full Single Phase Converter/Regulator Bridges	Utilizing for BE 3rd and 4th year



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		Single Phase Bulb Load On Acrylic Base With Holder Terminals Three Phase Bulb Load On Acrylic Base With Holder Terminals Three Phase Resistive Load Bank 3kw Single Phase AC Voltage Controller Using SCR And Triac Single Phase SCR Full Bridge Three Phase Cyclo Converter MOSFET Based Buck Boost Converter Forced Communication Circuits	
3	Control System Lab	Tuning of Controllers : (Digital Controller PC Based) Lead Lag Network Simulator Relay Control System Synchro-Transmitter Receiver Trainer Stepper Motor Characteristics Study Module Design of PID Controller Potentiometer Error Detector DC Servo Motor Controller	Utilizing for BE 2nd year
4	Basic Electrical and Electronics Engg.	-	Utilizing for BE 1st year
Electronics Engineering			
1.	Microprocessor Lab	8085 PROGRAMMING KIT - 30 8086 PROGRAMMING KIT - 30 8051 PROGRAMMING KIT - 30 ADC0809 & DAC0800 INTERFACING CARD -8[4+4] STEPPER MOTOR CONTROLLER CARD WITH MOTOR-4 TEMPERATURE MEASUREMENT CARD-4 8255 STUDY CARD-4 8259 PIC STUDY CARD-4 8254 PIT STUDY CARD-4 EPROM ERASER-2 ANALOG IC TESTER-3 PROTEUS PCB DESIGN SOFTWARE-1 USER PERPETUAL LICENSE	-Utilized for conducting Microprocessor Lab in EC/ET Vth SEM. -Utilized by Final year and Third year students for their Major and Minor Projects.
CSE/IT			
1	Internet of Things (IoT) Lab	WSN Based IoT Development System, Wi-Fi Based IoT Development Kit, Real Time Application of IoT in Automatic Weather Monitoring System (Cloud Based), Raw Material for the	1. IoT has been included as a course at UG level, therefore related lab experimentation is being performed



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		development of IoT.	<p>2. Recently, IoT working group has also been announced in the department and there is a huge response from students side. It is expected to have IoT related application based experimentation/project development in the lab under the formed group</p> <p>3. Lab is being utilized for the development of some projects which are running under M.P. Police Reform Project</p>
Chemical Engineering			
1.	Computational Fluid Dynamics	ANSYS FLUENT 15.0	M.TECH.
Architecture			
1.	Modernization of Architecture Model making lab through digitally Controlled Machinery and tools	Thickness planer Jointer Wood Table saw Radial arm saw Jigsaw Lathe Grinder CNC router Potable Welding Machine 3 D printing Machine	Proposal approved by AICTE and amount more than 1700000.00 sanctioned

Number of Experiments Set-Up/Training or research conducted

21. 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					Jun-2018
Neha Singh &	Route Optimisation	International	International					July-2018



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Prof. Aditya Kumar Agarwal	for municipal Solid Waste Collection using ArcGIS application in Gwalior City, M.P.	Journal for Research in Applied Science and Engineering Technology						
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					July-2018
Gautam Bhadoriya & Wiwashwat Wikalp	Attitude of Construction Professionals on Building Material Wastage in Gwalior, India	International Journal of Technical Innovation in Modern Engineering & Science	International					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					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					July 2018
Shubham Garg & Sanjay Tiwari	Strengthening of Reinforced Concrete	International Journal of Research	International			Vol.5		July- Sep 2018



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	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			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 &	Influence of Wind	International	International			Vol.5		Aug 2018



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Dr. Sanjay Tiwari	load on Multi- Storey Tall RCC Building of Different Shapes	Research Journal of Engineering and Technology						
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 & 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
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					



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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			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 review	International Journal of Mechanics and Design	International			4	Jan-14	2018
J. Dohare , V.	Investigation of	International	International			4	1-Nov	2018



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Chaturvedi and J. Vimal	Optimal Process Parameters of Extrusion Blow Molding Process Using Grey Taguchi Analysis	Journal of Manufacturing and Materials Processing						
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



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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 with different molybdenum addition and optimized using Taguchi experimental design	Journal of the Brazilian Society of Mechanical Sciences and Engineering				40	213	2018
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	Design, Simulation, Installation and	Journal of Alternate Energy Sources and				9		2018



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Rathore, Jitendra Bhartiya	Economic Analysis of 50kW Grid Connected Solar PV System	Technologies						
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			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	2019/1/1
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	2018/2/1
Adesh Sharma, Himmat Singh	Matlab Simulation of D-STATCOM using SVPWM	International Journal of Engineering Technologies and management	International			Volume 5		May 2018



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		Research						
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 Pandit	Single and Multi- Area Optimal Dispatch by Modified Salp Swarm Algorithm	I.J. Intelligent Systems and Applications	International				ISSN: 2074- 9058	
Hariom Rathore, Kuldeep Swarnkar	Economic Load Dispatch Using Genetic Algorithm	International Journal of Innovative Research in Technology	International		5.86	5	298-303	9.18
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	7.18
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	Bevelled Shaped	Journal of		ISSN 2349-9001	--	Volume 5,	1-10	2018



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Kumar Singhal	Filtenna for Ultra Wide Band Applications	Microwave Engineering and Technologies				Issue 3		
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 Applications	IJRFD		--	--	Volume 4, Issue 2	10-15	October 2018.
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.



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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	Journal of				Volume 3	19-24	October



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	with Modified Metamaterial Structure	Electronic Design Engineering,				Issue 3		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 Gupta	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	-	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	Engineering Vibration,					99-103	2018



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	Oven Drying Technique Using Microstrip Ring Sensor	Communication & Information Processing, (Springer)						
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 Thakare	Review on Various Image Fusion Techniques	Journal of Multimedia Technology & Recent Advancements				Volume 5, Issue 2,	14-17	2018
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,	A Survey on Image Defogging Using	Recent Trends in Parallel Computing		-	-	Volume 5	20-26	2018



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Dr. Vikash Mahor	Various Techniques							
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



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	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-ISNN: 2395-0056, P-ISNN: 2395-0072		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.



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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 (Online)		UGC/ISSN: 2231-0401		Volume: 08 Issue: 02	13-19	Aug 2018.
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	Journal of Emerging Technologies and Innovative Research (JETIR)		UGC/ISSN-2349-5162	5.87	Volume 5 Issue 10	202-207.	October 2018,



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	Cognitive Radio							
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 Sharma	Compressive Sensing	International Journal of Engineering Technologies & Management Research	International	UGC	2.764	Volume 5	249-259	2018
Computer Science and Engineering/Information Technology								
Uday Pratap Singh, Sanjeev Jain, Rajendra Kumar Gautam,	AFMBC for A Class of Nonlinear Discrete-Time Systems with Dead	International Journal of Fuzzy Systems (Springer)	International	SCIE	2.39			2019



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Akhilesh Tiwari	Zone							
Prateek Pandey, Ratnesh Litoriya, Akhilesh Tiwari	A Framework for Fuzzy Modelling In Agricultural Diagnostics,	Journal Européen Des Systèmes Automatisés	International	SCOPUS		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			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	An Approach of K-	International	International			5	2486-2496	2018



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Soni,Punit kumar Johari,	means Clustering Based SVM ensemble for Image Retrieval	Research Journal of Engineering and Technology						
Ankita Tomar,R K Gupta,Khushboo Agarwal	A Review of DM approaches for Predicting student's Performance	International Journal of Technical Innovation in Modern Engineering & Science	National			4	10	2018
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	International			6	448-460	2018



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		Technology						
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



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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	SCOPUS		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,	Improved	International				4		2018



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Manish Dixit	Approaches of Image Forgery Detection using SURF and 4-level DWT	Journal of Image Processing and Pattern Recognition						
Mayank Kulshrestha, Manish Dixit	Research and Development in Image Steganography : A Review	IJCSNT	International			7		2018
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				1-2	2018
Prof. Anish P Jacob	Graphene in Nano Solar Cell	International Journal of Advanced	International				115-118	2018



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		Engineering Science and Technological Research						
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								
VK Jatav, S Sharma	Stem Cells: An Approach for Treatment of Atherosclerosis	Asian Journal of Pharmaceutical and Clinical Research	International	Scopus, Google Scholar, UGC Approved	0.52	11	55-58	2018
Shikha Jha and Sharad Verma	In-Silico Studies on The Potential of Polyphenols to Inhibit OSPG to Prevent Invasion of Shigella Spp.	OCTA Journal of Biosciences	International	Google Scholar	0.6	06	46-50	2018



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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				24543365 IIJIF: 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



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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 Truesdell's Ascending Fq- Equation	Asian Journal of Mathematics and Statistics	National	ISSN: 1994-5418		2018	DOI 10.3923/ajms	2018
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



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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	1.92			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	1.1			(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	Finite summation formulas of Srivastava's general triple hypergeometric function	Asian-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



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Naseer Ahmad Malik, Farooq Ahmad and D.K. Jain	The Classical Laplace Transform and its q-Image of the Wright type Hyper geometric 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	Jnanabha	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	Redevelopment of Informal Market: A Case of Morar Gwalior city	IJIRMPs	International		7.043	Volume6, Issue 4	659-663	July Aug, 2018
Dr. Alok	Energy Efficient	IJIRMPs	International			Volume 6,	ISSN: 2349-	2018



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Sharma	Buildings					Issue 04	7300	
Dr. Alok Sharma	Transit Oriented Development	IJIRMPs	International			Volume 6, Issue 4	2018 ISSN: 2349-7300	2018
Dr. Sanjay Singh Jadon	Traffic Conjunction – Causes And Solutions : A Study Of Maharajbada, Gwalior	IRJET	International		7.211	Volume 5 Issue 8	1271-1277	August 2018
Dr. Sanjay Singh Jadon	Urban Infrastructure Up Gradation of Old City Core : Hazira, Gwalior	IRJET	International			Volume 5, Issue 12	1585-1591	Dec, 2018
Dr. Sanjay Singh Jadon	Decentralized Waste Management : Analysis for Residential Localities of Gwalior City	IRJET	International			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	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



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	Sansthan							
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 - 11th 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

22. LIST OF PAPERS ACCEPTED/PRESENTED/PUBLISHED IN CONFERENCES (2018-19)

Name of Author(s)	Title of Paper	Name of Conference	Venue	Pages	Month/Year of Publication
Mechanical Engineering					
Naresh Raghuvanshi	Noise Analysis of an Industrial Fan Bearing- A Case Study	International conference on Advances in Design, Materials, Manufacturing and Energy Systems	MREC Hyderabad		Sep. 2018
Electrical Engineering					
Anand Singh Tomar, Hari Mohan Dubey,	Spider Monkey Optimization for Economic Dispatch with Diverse	IEEE 9TH International Conference, Confluence	Amity University Uttar Pradesh, Noida,		Accepted for Presentation/



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and Manjaree Pandit	Cost Function	2019 To be held On 10th - 11th January, 2019	India		Publication
Amreen Hadri, Himmat Singh	Simulation and Analysis of Solar Power System	International Conference on Innovations in Engineering, Technology and Sciences (ICIETS 2018)			
Kuldeep Rathore & Praveen Bansal	A New 15-Level Asymmetrical Multilevel Inverter Topology with Reduced Number of Devices for Different PWM Techniques	2 nd IEEE International Conference on Power Electronics, Intelligent control and energy systems (ICEPEICES-2018)	Delhi Technological University		October 22-24 2018
Shubham Kumar Gupta, Kuldeep Rathore & Praveen Bansal	Design and Analysis of a New 31-Level Asymmetrical Multilevel Inverter Topology with Different PWM Techniques	3 rd IEEE International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity (CIPECH-18)	KIET, Ghaziabad		November 1-2 2018
Shubham Kumar Gupta & Praveen Bansal	Reduced Device Count Asymmetrical Multilevel Inverter Topology with Different PWM Techniques	2 nd IEEE International Conference on Power Electronics, Intelligent control and energy systems (ICEPEICES-2018)	Delhi Technological University		October 22-24 2018
Jyoti Tomar, Kuldeep Swarnkar & Praveen Bansal	Analysis of Novel Five-level Boost Multilevel Structure using different PWM techniques	2 nd IEEE International Conference on Power Electronics, Intelligent control and energy systems (ICEPEICES-2018)	Delhi Technological University		October 22-24 2018
Ashwini Ojha & Praveen Bansal	Analysis of Different Modulation Schemes in Asymmetrical Multilevel Inverter	2 nd IEEE International Conference on Power Electronics, Intelligent control and energy systems (ICEPEICES-2018)	Delhi Technological University		October 22-24 2018
Deepak Singh & Praveen Bansal	Reduced Device Count Switch Ladder Multilevel Inverter	2 nd IEEE International Conference on Power	Delhi Technological University		October 22-24 2018



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	Topology	Electronics, Intelligent control and energy systems, (ICEPEICES-2018)			
Electronics Engineering					
Dr. Rekha Gupta, Dr. Vikas Mahor	A Highly Accurate Fire Detection Method Using Discrimination	2018 IEEE International Conference on Advances in Computing, Communications and Informatics (ICACCI)	Bengaluru		Nov. 2018
Vandana Vikas Thakare	E –Shaped Micro-strip Patch antenna with rectangular and circular slots	National Conference on Communication, Integrated Networks and Signal Processing(CINSP-2018)	Amity University Gwalior		31 st January 2018
Vandana Vikas Thakare	Determination of moisture content in soil based on oven drying method using a microstrip patch sensor	National Conference on Communication, Integrated Networks and Signal Processing (CINSP-2018)	Amity University Gwalior		31 st January 2018
Dr. Laxmi Shrivastava	Performance Analysis of FANET with Different Antennas Using Rayleigh Fading	International Conference on Recent Advances in Computer Science and Information Technology (ICRACSIT)	New Delhi	43-47	2018
Dr. Laxmi Shrivastava	Performance Evaluation of Multiple Rates FANET Using Ricean Fading	International Conference on Recent Advances In Computer Science and Information Technology (ICRACSIT)	New Delhi	PP.39-42	
Dr. Laxmi Shrivastava	Performance Analysis of MANET Using Fuzzy Based Data Rate And Drop Probability	International Conference on Recent Advances in Computer Science and Information Technology (ICRACSIT)	New Delhi	PP. 48-53	2018
Dr. Laxmi Shrivastava	Performance Analysis of FANET With Different Antenna	International Conference on Recent Trends In Engineering, Applied Science and Management	Institution of Telecommunication Engineers (IETE), Chandigarh	PP. 1-8	June 2018



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		Organized by Institution of Telecommunication Engineers (IETE)			
Dr. Laxmi Shrivastava	Connectivity Analysis of Mobile Ad-Hoc Network using Fuzzy Logic Controller	1st International Conference on Communication, Network and Computing (CNC-2018)	ITM University	PP. 99-109	March 2018
Computer Science and Engineering/Information Technology					
Juhi Punhani, Manish Dixit	Optimization of Edges of an Image using Gravitational Search Algorithm	IEEE Conference	International		2018
Juhi Punhani, Manish Dixit	Impact of Optimization in Edge Detection using Adaptive Thresholding	IEEE Conference	International		2018
Jitendra Kumar, Vikas Sinde, Punit Johari	Call Admission Control Scheme for Cellular Wireless Network Using Queuing Model	International Conference on Application of Computing and Communication Technologies	International	117-129	2018
Priyanka Gupta, Jamvant Singh Kumare, Rajeev Kumar Singh	An Efficient Brightness Preserving Contrast Enhancement Technique using Discrete Wavelet Transform and Singular Value Decomposition	International Conference on Microelectronics, Computing & Communication Systems			2018
Ruhi Dubey, Rajni Ranjan Singh Makwana,	Computer-Assisted Valuation of Descriptive Answers using WEKA with Random Forest Classification	Proceeding of the Second International Conference on Microelectronics, Computing & Communication Systems (MCCS 2017)		359-366	2018
Mohd Aijaj Khan, Manish Dixit, Anubhav Tripathi	All Time Tracking System for Recovering Stolen Devices Even in Power-Off State	International Conference on Communication Systems and Network Technologies		262-266	2018
Benson Raj, L. Jani Anbarasi, Modigari Narendra, V. J. Subashini	A New Transformation of 3D Models using Chaotic Encryption Based on Arnold Cat Map	International Conference on Emerging Internetworking, Data & Web Technologies	Fujairah, UAE	1-11	2019
Lav Upadhyav	Quantum Cryptography: A Survey	9th International Conference	Kochi, India		2018



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		on Innovations in Bio-Inspired Computing and Application			
Shraddha Pandit, Piyush Kumar Shukla, Akhilesh Tiwari	Investigating the Effect of Compression and Decompression in Video using Fractal Technique	International Conference on ICT for Sustainable Development Co-Located with International Research Symposium on Computing and Network Sustainability,	Goa, India		2018
K Kumar Sharma, D. Gurjar, M. Jyotyana, Vinod Kumari	Denoising of Brain Mri Images using A Hybrid Filter Method of Sylvester-Lyapunov Equation and Non Local Means	International Conference on Smart Innovation in Communication and Computational Science	Indore, India	495-505	2019
Humanities					
Sanjeev Khanna	Teaching Ernest Hemingway : Discoursing the Milieu of Writer and His Craft	Scholar's Impact	Bombay		March 2019
Sanjeev Khanna	Quasi-attributes, Desires, and Cyclicity of life: A Study of Khushwant Singh's The Sunset Club	Literary Herald	-		April 2019
Architecture					
Ar. Richa Maisra	Sustainable Approach Towards Solid Waste Management : A Case of Tier-Ii Indian City, Gwalior	Third International Conference on Sustainable Design, Engineering and Construction	-	pp.182-188	2018



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23. BOOKS/BOOK CHAPTERS PUBLISHED

S.No.	Name of Author(s)	Title of Book Chapter/eBook Published	Publisher	ISBN/EISBN
Civil Engineering				
1.	Chetan Sharma , C.S.P. Ojha	Statistical Parameters of Hydrometeorological Variable: Standard Deviation, SNR, Skewness and Kurtosis, Advances in Water Resources and Managment	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 umber of Collectors	Springer	
2.	Sourabh Singh Kushwah, Dinesh Kumar Kasdekar, 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, 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, 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, Manjaree Pandit	Multiobjective Economic Emission Dispatch with Cubic Cost Function using Spider Monkey	Springer	Accepted for Publication



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		Optimization and TOPSIS, Advanced Engineering 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

24. 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	



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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. Vikas Yadav	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	



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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					



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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					



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25. PATENTS FILED/AWARDED

S.No.	Patent Title	Applicant	Year of Application	Application No.
Mechanical Engineering				
1.	Method and Apparatus for Controlling the Temperature of Solar Dryer	Dr. Manoj Kumar Gaur, Prof. Anand Kushwah	2019	201921001878
2.	Application for Automotive/Industrial coolant using solar evacuated tubes and system of the same	Dr. Manoj Kumar Gaur, Prof. Anand Kushwah	2018	201821045563

26. INNOVATIONS IN TEACHING-LEARNING INTRODUCED DURING THIS ACADEMIC YEAR (IN 200 WORDS MAXIMUM)

Electrical Engineering
<p>(1)</p> <p>1.1 Title of the practice Open Book I Mid-Sem Examination.</p> <p>1.2 Objectives of the practice The objective of the 'Open Book Mid-Sem Examination' is to equip the students with intellectual abilities and skills. This will enhance the ability of students to quickly find relevant information and then to understand, analyze, apply knowledge and think critically. The student will focus on understanding of concepts involved in the subject along with its theory part. A very interesting and brilliant idea of conducting open book examination for the students has been introduced in the Electrical Engineering Department (EED) in Madhav Institute of Technology and Science (MITS), Gwalior.</p> <p>1.3 The Context The most of the competitive exams focus on the concepts rather than theory therefore it is must for students to understand conceptual part. Also in the competitive exams usually four choices are given, out of which only one answer is the correct. Keeping this trend in mind 'Open Book I Mid-Sem Examination' one subject in 6th semester and one subject in 7th semester has been adopted.</p> <p>1.4 The Practice</p> <p>i. This open book in I mid-semester exam has been started for Power Electronics (6th semester) and Electrical Drives (7th semester). During exam students are permitted to take help from books, notes as well as Smartphone too. Power electronics is a hybrid paper that includes the idea of basic electrical engineering, material science, network theory, control systems, basic electrical machines, and power systems. Also it includes control techniques of devices like SCR, BJT, and MOSFET etc. Due to this, the 6th semester students most of the time get confused and do not answer correctly. Similar is the case with the subject 'Electrical Drives'. By conducting 'Open Book I Mid-Semester' the students who are little bit confused will get some support in giving answer correctly</p> <p>ii. It also reduces the pressure on the mind of the students and motivates them. Also it is the best way to remove the fear of exam.</p>



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1.5 Evidence of Success

Surprisingly, the result analysis shows that the high score percentage of the students has been increased drastically and the fail percentage, backlog of the students has been reduced.

1.6 Problems Encountered and Resources Required

As this was a new concept firstly students were afraid of this, but later on their interest increased in learning the subject and they enjoyed it.

1.7 Notes (Optional)

Other institutes are also motivating with the new introduced concept and are thinking to implement this practice.

(2)

2.1 Title of the Practice

Identification of the slow learner students from marks of Mid -Sem Examination and efforts to improve them

2.2 Objectives of the Practice

The performance of some the students are poor in Mid – Sem Examination and consequently they obtain less mark in these Mid – Sem Examinations. The objective is to identify these students on the basis of marks obtained. Thereafter, in second step a meeting is organized with them to find out their reasons for obtaining fewer marks and to take corrective action accordingly.

2.3 The Context

The performance of students may be improved in second Mid – Sem Examinations, End Term Examinations and in competitive examinations as well.

2.4 The Practice

Mid- term result analysis will be done according to following format :

Students Marks	0-6	7-12	13-16	17-20
No. of students				

- Students of column I and II will be considered as the slowest learner students and slow learner students respectively.
- Meetings done to find the difficulty of students. *Personal Attention Classes* are conducted for these students. Following steps are taken to help them :
 - ü Learning material of the students checked and adequate learning material provided.
 - ü Revision of course contents as per their need.
 - ü More assignments, checking and guidelines for improvement.
 - ü The best A/B shown and discussed among students of column I and II.

2.5 Evidence of Success

This practice has recently started therefore it will take time to analyze its impact; however it has increased interest and confidence of students in the subject.

2.6 Problems Encountered and Resources Required

Most of the students feel reluctant to attend and share their problems. They need additional motivation to attend and share their problems with the



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faculty.

2.7 Notes (Optional)

Other institutes are also motivating with the new introduced concept and are thinking to implement this practice.

Electronics Engineering

Faculty Innovations in Teaching and Learning: Activities of the department towards improvement in teaching-learning are indicated in the office records as well as on college website. They are open for reproduction or for further improvement or review or critique. Some of the innovative means adopted by the faculty in T & L are :

- ❖ Making use of Powerpoint Presentation, wherever necessary.
- ❖ Technical videos for demonstration of certain concepts or functioning of the devices.
- ❖ Use of tools like MATLAB to demonstrate the concepts through simulations.
- ❖ Use of E-learning resources like NPTEL lectures, online journals and online lectures like MOOCs for effective learning.
- ❖ Providing question bank with short answer questions and Quiz questions.
- ❖ Hands-on practice in the laboratories for the better understanding of the concepts taught in the theory classes.
- ❖ Visits to nearby industries for exposure.
- ❖ Project exhibitions and poster presentations.
- ❖ Student seminars.
- ❖ Project based learning
- ❖ Shared learning.

CSE/IT

- ❖ Promotion of SWAYAM/NPTEL courses
- ❖ Adoption of MOODLE for Quiz conduction and Feedback purpose (CO/PO/Faculty/Curriculum Feedback etc.)
- ❖ Innovation in teaching and learning through webinar based activities under Infosys Campus Connect Program.

Chemical Engineering

Following points are introduced during this academic year for the betterment of the students:

1. Active Learning

Active learning techniques have been used to engage students and encourage innovation and creativity.

2. Friendly Environment

Students have been encouraged to create a friendly environment with faculty and to ask questions / queries related to the subject.

3. Social Media Platform

This forum always connects the students with faculty members. Students can ask the question/queries and at any time can participate in healthy discussion with colleagues and faculty member. This is also helpful for any prior announcement to faculty member.



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27. INTERNAL GENERATED

Item	Description	Agency/Firm	Amount Rs.
Civil Engineering			
1.	From Testing in SM Lab	-	125866.00
2.	From Testing in Concrete Lab	-	286018.00
3.	From Testing in Soil Lab	-	508658.00
4.	From Testing in PHE Lab	-	43000.00
5.	From Testing in Highway Lab	-	501641.00
Electrical Engineering			
1.	Equip. Testing	M/s Takshila Textiles Pvt. Ltd. , Gwalior	3688.00
2.	Equip. Testing	M/s S & S Engineers. , Gwalior	1476.00
3.	Oil Testing	M/s V R S Foods Ltd. , Malanpur	5016.00
4.	Equip. Testing	M/s Engipress Industries Ltd., Gwalior	2213.00
5.	Oil Testing	M/s Punj Lloyd Ltd. , Gwalior	4296.00
6.	Equip. Testing	M/s R S Chauhan , Gwalior	4604.00
7.	Equip. Testing	M/s Bluelotus teleinfra P Ltd. , Gwalior	4604.00
8.	Oil. Testing	M/s Chief manager SBI, Gwalior	1074.00
9.	Oil Testing	M/s Rainbow Light, Gwalior	3836.00
10.	Equip. Testing	M/s Kumar Engg. Service , Gwalior	4604.00
11.	Equip. Testing	M/s Om Electrical, Gwalior	4602.00
12.	Equip. Testing	M/s Devendra k Yadav Morena	3070.00
13.	Oil Testing	M/s The Supreme Industries, Malanpur	2148.00
14.	Equip. Testing	Ms Santosh Karan , Gwalior	3068.00
15.	Equip. Testing	M/s Sh. Harbeer Singh Gwalior	4604.00
16.	Equip. Testing	M/s Bluelotus teleinfra P Ltd. , Gwalior	1534.00
17.	Oil Testing	M/s Kumar Engg. Service, Gwalior	1074.00
18.	Oil Testing	M/s Pee Cee Cosma Sope Ltd., Malanpur	1074.00
19.	Equip./Oil Testing	M/s Tripti Alcobrew p Ltd.Banmore.	8284.00
20.	Equip. Testing	M/s Sanjeev Upadhyay Gwalior	4604.00



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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	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)			20
Mr. Satish Sharma	Repairing and Maintenance of Domestic Electronic AC/Refrigeration	Nagar Nigam, Gwalior [National Urban Livelihood Mission – MP]	3187500.00 Approx. [Approx. 7.00 lacs bill submitted (2.56 lacs released)]	20
Mr. Mohan Kumar	Repairing and Maintenance of Domestic Electronic AC/Refrigeration			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
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



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28. MoUs SIGNED

S.No.	Name of the Firm	Date of Signing	Validity/Period	Activities Proposed	Activities Conducted
Electrical Engineering					
1.	M/s Maa Sharda Structure & Supplier Pvt. Ltd., Gwalior	19.07.2017	3 Yrs.	Visit of 132 kV distribution substation	1. Visit of 132 kV distribution substation at Chinor 2. Installed Conductive Concrete based MS TM Earth Electrode
Electronics Engineering					
1.	Smart Controls India Pvt. Ltd.	14.11.2017	Three Years	To conduct industrial training, orientation courses, industrial visits etc.	Industrial visit
2.	Sciencetech Technologies Private Limited.	12.11.2017	Three Years	Research and development in the areas of communication engineering and IoT, Industrial Visit.	Industrial visit
3.	Ace Antenna India Private Limited, Hyderabad	11.09.2018	Three Year	Research and development in the areas of Antenna and Microwave circuits, Training	--
Computer Science and Engineering/Information Technology					
1	Infosys Ltd.	Renewed in June 2018	June 2020	Training for Infosys selected 130 students on LEX based platform	1. Faculty Enablement Program on LEX based platform 2. Three Week Workshop under Infosys Campus Connect Program in Collaboration with CodeWar Club
2	Bennett University, Greater Noida	28 April 2018	-	AI and Deep Learning activities under Leadindia.ai	Workshop on AI and Deep Learning
3	IIITDM, Jabalpur	16 May 2018	-	ANN, Deep Learning & IOT based activity	-



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4	MP Police Reform	23 July 2018	-	Reforming the Policing System	Various Projects are under development
Applied Sciences					
1	ABVIITM Gwalior	October 2018	Two Years	Joint Research and Learning	STC on Nano-Science and Technology (14-18 Mar. 2019)

29. THESIS/DISSERTATION GUIDANCE

(I) M.E./M.TECH. DISSERTATIONS COMPLETED

S.No.	Name of Candidate	Name of Supervisor/ Co-Supervisor	Title	Status (Submitted/ Viva Conducted/ Completed)
Civil Engineering				
1.	Usha Sharma (0901CE14ME22)	Dr. R.K.Kansal	Optimum Percentage of Waste Tyre in Concrete Mix	Completed
2.	Rajkumar Indauria (0901CE13ME17)	Prof. Archana Tiwari	Manufacturing of Paver Block Using Waste & Other	Completed
3.	Neeraj Verma (0901CE08M12)	Dr. R.K.Kansal & Dr. M.K.Trivedi	Study of Green Retrofitting of Existing Building	Completed
4.	Priya Jain (0901CE16MT33)	Prof.Aditya Kumar Aggarwal	Design & Planning of an Anaerobic Digester for Organic Waste of Vegetable Market & Temples of Gwalior	Completed
5.	Pradeep Singh Jadoun (0901CE08PT01)	Dr. S.K. Jain	Study or Use of Trenchless Tech. in Waste Water Disposal System	Completed
6.	Prabhat Jain (0901CE15MT46)	Prof.A.K. Saxena	Critical Review, Analysis & Suggestion FR Green Building Rating as per SVA GRIHA	Completed
7.	Dharam Singh (09011CE16ME37)	Dr.Sanjay Tiwari	Influence of Wind Load on Multi Storied Tall RCC Building of Different Shapes	Completed
8.	Ashish Bhargav (0901CE16ME07)	Prof.D. Rastogi	Expansive Soil Stabilization Using Lime and Stone Dust	Completed
9.	Rajkumar Dwivedi (0901CE13ME35)	Dr. Sanjay Tiwari	Influence of Various Polymers to Cement Ratios on Concrete Proportions	Completed
10.	Upendra Singh Rajawat	Dr.Sanjay Tiwari	Effect of Admixtures Use for Preparation of Concrete	Completed



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	(0901CE13ME37)		Mix	
11.	Brajesh Giri (0901CE16MT28)	Prof.D. Rastogi	Study on Vermi Composition for the Growth Rate of Earthworms and Quality of Manure	Completed
12.	Umang Gangil (0901CE16ME22)	Prof.A.K.Dwivedi	Project Planning from Bidding to Foundation Completion Using MS Project	Completed
13.	Neha Singh (0901CE16MT31)	Prof.Aditya Kumar Aggarwal	Route Optimization for Municipal Solid Waste Collection Using Arcgis Appt. Gwalior City MP.	Completed
14.	Harsh Singh Ranawat (0901CE16ME12)	Prof. G. Bhadouriya	Critical Factors Which are Affecting the Success of Construction Project of Gwalior Division	Completed
15.	Ravi Pratap S.Jadoun (0901CE16MT34)	Prof.A.K. Saxena	Measurement of Ambient Air Pollutants in the Vicinity of Gwalior MP.,:Sampling,Analysis, and Suggestion	Completed
16.	Wiwashwat Wikalp (0901CE16ME25)	Prof. G. Bhadouriya	Attitude of Construction Professionals on Building Material Wastage in Gwalior	Completed
17.	Swapnil Prasad Verma (0901CE15MT38)	Prof. D. Rastogi	Study on Utilization of Copper Slag on the Strength of Concrete	Completed
18.	Umesh Pratap Singh Baghel (0901CE16ME23)	Dr. M.K.Trivedi	Evaluation of Risk Factors Causing Cost Overrun in Cost Industry Using IMPI and AHP Technique	Completed
19.	Subham Garg (0901CE16ME42)	Dr. Sanjay Tiwari	Strengthening of Reinforced Concrete Columns Using Glass Fiber Reinforced Polymers Laminate	Completed
20.	Shiv Mangal Mishra (0901CE16ME19)	Dr. M.K.Trivedi	Utilization of PCB and Cost Deduction of Concrete	Completed
21.	Shameer Shrivastav (0901CE16ME40)	Prof. Archana Tiwari	Strengthening of Beam Using Glass Fiber Reinforced Polymer	Completed
Mechanical Engineering				
1.	Joyti Dohare	Prof. Vedansh Chaturvedi	Investigation of optimal process parameter of Extrusion blow molding m/c using grey Taguchi analysis	Completed
2.	Ankita Randive	Prof. Sharad Agrawal	Optimum selection of Machining Process parameter of CNC End Milling using ant colony optimization	Completed
3.	Amit Kumar Gupta	Dr Jyoti Vimal	Free Vibration analysis of a cracked plate using FEM	Completed
4.	Vikas Kumar Pandey	Prof R.P. Kori	Optimization of Process parameters of MIG Welding for AISI- SAE 106 Standard Carbon steel	Completed
5.	Pranav Singh	Prof C.S. Malvi	Desin , Simulation and Installation Analysis of KW Grid Solar PV System	Completed



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6.	Sagar Supekar	Prof C.S. Malvi	Design and Fabrication of Solar PVT System	Completed
7.	Amit Kumar Sharma	Dr. M.K. Gaur	Optimization & Analysis surface grinding parameters	Completed
8.	Amit Kumar Gupta	Dr Jyoti Vimal	Free Vibration Analysis of a cracked plate using FEM	Completed
9.	Vinay Bhardwaj	Dr M.K. Gaur	Optimization for CNC LATHE USING PCA Based TOPSIS	Completed
10.	Gajendra Arya	Dr M.K. Gaur	Analysis and Optimization of END milling Machine Parameter for Poly Propylene Composite using Taguchi	Completed
11.	Indra Prakash Shah	Dr M.K. Gaur	Optimization Technique using Taguchi	Completed
Electrical Engineering				
1.	Shivangi Gupta	Dr. M. Pandit	Implementation of D-STATCOM for Mitigation of Power Quality Issues	Completed
2.	Anand S. Tomar	Dr. M. Pandit & Harimohan Dubey	Spider Monkey Optimization for Economic Dispatch with Diverse Cost Function submitted	Completed
3.	Deepak Kumar Sharma	Harimohan Dubey & Dr. M. Pandit	Single and Multi-Area Optimal Dispatch by Modified Salp Swarm Algorithm	Completed
4.	Shubham Gupta	Praveen Bansal	Implementation and control of variable frequency PWM techniques for an Asymmetrical Multilevel Inverter	Completed
5.	Kuldeep Rathore	Praveen Bansal	Topology with reduced number of Power Electroics components	Completed
6.	Ashwani Ojha	Praveen Bansal	Analysis of Symmetrical reduced count device Multilevel Inverter Topology	Completed
7.	Deepak Singh	Praveen Bansal	Switch Ladder Multilevel Inverter topologies	Completed
8.	Jyoti Tomar	Kuldeep Swarnkar & Praveen Bansal	Switched capacitor based boost Multilevel Inverter with Single DC source	Completed
Electronics Engineering				
1.	Pragati Pradhan (CCN)	Dr. Karuna Markam	Bit Error rate Analysis of Different Digital Modulation Schemes in OFDM System	Completed
2.	Vipin Agrawal (CCN)	Dr. Karuna Markam	Robust DCT 2L-DWT SVD domain based digital image watermarking technique with different attacks	Completed
3.	Sapna Rajput (CCN)	Dr. Karuna Markam	Watermarking algorithm for authentication and JPEG Compression and Self Recovery of Tampered Image	Completed



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			using 3-level DWT FFT and SVD	
4.	Bobby Raje (CCN)	Dr. Karuna Markam	BER Improvement by modified Interleaver using Random and QPP Interleaver	Completed
5.	Pooja Jain (CCN)	Dr. Karuna Markam	Enhanced Method of the Shortest Path using Adaptive Multiclustering with Fuzzy Logic in Wireless Sensor Networks	Completed
6.	Raj Kumar (CCN)	Dr. Karuna Markam	Performance Analysis of Kaiser-Hanning Window for FIR Digital Filter Design	Completed
7.	Shivani Gupta (CCN)	Dr. Karuna Markam	Analysis of BER Performance For DCO-OFDM in VLC System	Completed
8.	Swati Mishra (CCN)	Dr. Karuna Markam	Analysis of Active and Passive Mechanism for Image Forgery Detection	Completed
9.	Shraddha Gupta	Dr. Vandana Vikas Thakare	Content based image retrieval using ordered dither block truncation coding and edge detection features	Completed
10.	Priya Katiyar	Dr. Vandana Vikas Thakare	Enhancement of multimodal medical image fusion using multi resolution singular value decomposition technique	Completed
11.	Bulbul Bandil	Dr. Vandana Vikas Thakare	Modified improved Dark channel prior technique for accurate Image Defogging	Completed
12.	Anurag Rai 0901EC16ME06	Bimal Garg	Improved Efficiency of PV Module Using Incremental Conductance MPPT and DC – DC Boost Converter”	Completed
13.	Pratiksha Pandey 0901EC16MT13	Bimal Garg	Design of Wideband MIMO Antenna with Neutral Line Structure for 5G Frequency Applications”,	Completed
14.	Prateek Diwan 0901EC14MT10	Bimal Garg	Patch Antenna by Using Tunable Metamaterial”,	Completed
15.	Ashish Upadhaya 0901EC16MT05	Bimal Garg	“Shorted Microstrip Patch Antenna for RF Energy Harvesting at 2200 – 2400 MHz Band”	Completed
16.	Vikash Upadhaya 0901EC16MT18	Bimal Garg	“Photovoltaic Module with Perturb & Observe MPPT Algorithm”,	Completed
17.	Pawan Jay Vasnav 0901EC16MT11	Bimal Garg	Design and Analysis of Multiband Microstrip Patch Antenna for RF Energy Harvesting Applications	Completed
18.	Chanchal Tiwari 0901EC16MT06	Bimal Garg	“Size reduction of Microstrip Patch Antenna by using interconnected frame work of double negative metamaterial”.	Completed
19.	Rishu Upadhyay	Bimal Garg	Designa and Analysis of Microstrip Patch Antenna with	Completed



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	0901EC16MT14		metamaterial structure”.	
20.	Amit Shakya 0901Ec16ME04	Madhav Singh	Analysis to Increase the Channel Capacity of MIMO System over Nakagami -m Fading by Proposed Concept of Antenna Selection	Completed
21.	Srishti Agrawal 0901EC16ME23	Rekha Gupta	Image Filtering With Iterative Wavelet Transform Based Compression	Completed
22.	Shreya Singh Chauhan 0901EC16ME20	Rekha Gupta	Enhancement of True Positive Rate in Diabetic Retinopathy Detection in Retinal Images with Exudates.	Completed
23.	Anjali Pandey 0901EC16ME05	Rekha Gupta	Improved Brain Tumor Detection using Fuzzy Rules with Image Filtering and DWT-SVM Classifier	Completed
24.	Poonam Rathore 0901EC14ME12	Laxmi Shrivastava	Comparative Analysis of Network Connectivity in MANET, VANET and FANET	Completed
25.	Nitesh Vajpayee 0901EC16MT09	Laxmi Shrivastava	Performance Analysis of Flying Ad-Hoc Network (FANET) Using Rayleigh Fading Model	Completed
26.	Akanksha Pandey 0913EC16MT02	Laxmi Shrivastava	Performance Evaluation of FANET with the effect of Cloud, Building and Energy Models	Completed
27.	Nusrat Zahoor 0913EC16MT10	Laxmi Shrivastava	Performance Analysis of Flying Ad-Hoc Network (FANET) using Ricean Fading Model	Completed
CSE/IT				
1.	Kirti Kushwah	Dr. R.K. Gupta	A New Approach to Handling Erroneous Reviews in Opinion Mining	Completed
2.	Saumya Saraswat	Dr. Akhilesh Tiwari	A New Approach for Customer Churn Prediction in Telecom Industry	Completed
3.	Priyanka Gupta	Dr. Akhilesh Tiwari	Optimal Pattern Mining Using Differential Evolution Algorithm	Completed
4.	Gomsil Yadav	Dr. Akhilesh Tiwari	On the Use of Elephant Herding Optimization for Mining Profitable Patterns	Completed
5.	Deeksha Kushwah	Prof. R.R Singh Makwana	An Approach to Meta-Alert Generation for Anomalous TCP Traffic	Completed
6.	Deepika Bahal	Dr. Manish Dixit	Reversible Data Hiding in YCbCr Color Space	Completed
7.	Akanchha Tiwari	Prof. Jaimala Jha	Improvement of Embedding Capacity of Data Hiding using RGEMD Method	Completed
8.	Jyoti Agarwal	Prof. Neha Bhardwaj	Enhancement of Trust Based Multipath Routing technique for Black hole detection and prevention in MANET	Completed



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9.	Abhishek Bajpai	Dr. Sanjeev Sharma	A Novel Approach for improving the accuracy of the Expert System for Type-2 Diabetes Risk Assessment	Completed
10.	Ankita Singh	Prof. Kushboo Agrawal	A Data Mining Approach for predicting the performance of Alcohol consuming students	Completed
11.	Arun Pratap Singh Gurjar	Prof. Vikas Sejwar	An Enhanced Prefix Tree for Mining periodic associated Sensor Patterns from Wireless Sensor Networks	Completed
12.	Ritu Jain	Prof. Vikas Sejwar	Performance Evaluation of Different Existing Routing Protocols in VANET	Completed
13.	Deepika Tyagi	Dr. Sanjeev Sharma	Enhancement of existing credit risk management model using data mining approach.	Completed
14.	Pragati Sharma	Dr. Sanjeev Sharma	A modified filter based features selection method for educational mining.	Completed
15.	Shalini Soni	Prof. Punit Johari	An Approach of K-means Clustering Based SCM ensemble for Image Retrieval	Completed
16.	Sharika Tomar	Prof. Punit Johari	An Approach of Information Hiding by the guidance of Noise	Completed
Architecture				
1.	Avineesh Bhadoria	Dr. Alok Sharma	Transit oriented development case of Gwalior at Hajira	Completed
2.	Vivek Garg	Dr. Alok Sharma	Urban Sprawl Analysis Using GIS Applications for Jabalpur City	Completed
3.	Arpit Pandey	Dr. Alok Sharma	Improved Mobility and Traffic Management through reorganization of Road area through N.M.T.	Completed
4.	Vikas Jaiswal	Dr. Anjali S. Patil	Urban Operation and Maintenance of Public And Communities Toilets: A case of Pimpri-chichwad	Completed
5.	Puneet Pandey	Dr. Anjali S. Patil	Transit Oriented Development: Proposal for Western Ring Road, Indore	Completed
6.	Swati Agrawal	Dr. Sanjay S. Jadon	A Sustainable Approach towards Solid waste Management : A Case of Gwalior City	Completed
7.	Manish Kumar Chitranshi	Prof. L.K.Jain	Redevelopment Of Urban Stream Corridor: A Case Of Swarnrekha River, Gwalior (M.P.)	Completed
8..	Pratibha Narwaria	Dr. Alok Sharma	Redevelopment of Informal market : A Case of Morar, Gwalior	Completed
9.	Nushrat Khan	Dr. Sanjay Singh Jadon	Impact of Market Area of Traffic Congestion (A Case study of Maharaj Bada, Gwalior)	Completed



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10.	Akanksha Dandotia	Dr. Sanjay S. Jadon	Urban Infrastructure up gradation of City Core : Hazira, Gwalior	Completed
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(II) Ph.D. CANDIDATES ONGOING/AWARDED IN 2018-19

S.No.	Name of Candidate	Name of Supervisor/ Co-Supervisor	Registration Date/Month	Title/Area	Status (Registered/ Course Work Completed/ RDC Done/Submitted/ Apply for Extension/Awarded)	University
Civil Engineering						
1.	A.S. Trivedi	Dr. S.K. Jain	26/12/2012	Corrosion behavior of Steel in Reinforced Concrete	Ongoing	RGPV, Bhopal
2.	Rakesh Gupta	Dr. M.K.Trivedi	24/7/2017	-	Ongoing	RGPV, Bhopal
3.	Aditi Tiwari	Dr. M.K.Trivedi	01 Aug 2018	Time Cost Management	Registered	RGPV, Bhopal
4.	Shyamveer Singh Chauhan	Dr. M.K.Trivedi	01/12/2018	Water Quality Index	Registered	RGPV, Bhopal
5.	Manish Kumar Sharma	Dr. Rajeev Kansal	10/12/2018	Sustainability in Construction Projects	Registered	RGPV, Bhopal
Mechanical Engineering						
1.	Arvind Singh Tomar	Dr. P. Jayaswal	20-02-2018	Vibration Analysis of Rolling Element Bearing.	Ongoing	RGPV, Bhopal
2.	Nagendra Sharma	Dr. C.S. Malvi & Dr. M.K. Gaur	2018	Design of Cooling Based Pvt System	Ongoing	RGPV, Bhopal
3.	Vikas Kumar Thakur	Dr. Manish Kumar Sagar	21/09/2018	New design and development of hybrid solar still to achieve maximum output	Ongoing	RGPV, Bhopal under NDF
4.	Pushpendra Singh	Dr. M.K. Gaur	21/09/2018	To optimize the size of hybrid greenhouse solar dryer for drying high	Ongoing	RGPV, Bhopal under NDF



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				moisture content crop		
5.	Chandra Shekhar Koli	Dr. M.K. Gaur	NEW	Doing Course work	Ongoing	RGPV, Bhopal
6.	Vedansh Chaturvedi	Dr. M.K. Gaur	NEW	Doing Course work	Ongoing	RGPV, Bhopal
Electrical Engineering						
1.	Himmat Singh Ahirwar	Dr. Laxmi Srivastava	16-02-12	Evolutionary Computing based Approach for Reactive Power Management	Awarded (08/05/2019) Feb. 2018	RGPV, Bhopal
2.	Sarika Varshney	Dr. Laxmi Srivastava Dr. Manjaree Pandit	24-02-2-12	Integrated Security Assessment of Power System Using Distributed Computing and its Enhancement	Ongoing	RGPV, Bhopal
3.	Abhishek Saxena	Dr. Seema N. Pandey Dr. Laxmi Srivastava	16-02-12	Assessment and analysis of wheeling prices in restructured power system using AI techniques	Ongoing	RGPV, Bhopal
4.	Anjali Agrawal	Dr. Seema N. Pandey Dr. Laxmi Srivastava	16-02-12	Development of Financial Mechanisms for Managing Congestion in Competitive Power Markets	Ongoing	RGPV, Bhopal
5.	Shraddha Udgir	Dr. Laxmi Sivastava Dr. Manjaree Pandit	RDC due	Soft-Computing Techniques for Optimal Allocation of FACTS Devices to Improve Power System Performance	Ongoing	RGPV, Bhopal
6.	Ashish Gupta	Dr. Laxmi Sivastava Dr. A.K. Jain, RJIT, Tekanpur, Gwl	06-10-15	Integration of Distributed Generation in Electricity Distribution Network	Ongoing	RGPV, Bhopal
7.	Nikhil Paliwal	Dr. L. Srivastava, Dr. Manjaree Pandit	12-02-18	Admitted, Course work	Course work ongoing	RGPV, Bhopal
8.	Poonam Gupta	Dr. Manjaree Pandit	16-02- 12	Evolutionary optimization techniques for power system operation	Ongoing	RGPV, Bhopal
9.	Peeyoosh Gupta	Dr. Manjaree Pandit Dr. D.P. Kothari, Ex. Prof. IIT, Delhi	22-01-14	Economic operation of power system with integration of renewable	Ongoing	RGPV, Bhopal



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				energy using nature inspired optimization techniques		
10.	Vishal Chaudhary	Dr. Manjaree Pandit	07-11-14	Operational issues due to integration of Renewable Energy Resources into the Power System: Investigation & Solution.	Ongoing	RGPV, Bhopal
11.	Nitin Saxena	Dr. Manjaree Pandit, Dr. Laxmi Sivastava	RDC due	Integration of renewable energy sources into power grid	Ongoing	RGPV, Bhopal
12.	Sunita Shukla	Dr. Manjaree Pandit	02-06-15	Investigation of dynamic economic dispatch problem with renewable energy sources	Ongoing	RGPV, Bhopal
13.	Shalini Sahay	Dr. A.K. Wadhvani Dr. S. Wadhvani, Dr. S. S. Bhadauria	19-02-12	Computer Aided Analysis of ECG Signal –Fatal Case	Ongoing	RGPV, Bhopal
14.	Manoj Kumar Bandil	Dr. A.K. Wadhvani	25-04-13	Analysis of EEG for Epilepsy using Wavelet/ANN	Ongoing	RGPV, Bhopal
15.	Shilpi Sisodia	Dr. A.K. Wadhvani Dr. Y. Kumar, MANIT, Bhopal	25-04-13	Improving Security for SCADA Control Systems	Ongoing	RGPV, Bhopal
16.	Pallavi Bondriya	Dr. A.K. Wadhvani Dr. Y. Kumar, MANIT, Bhopal	25-04-13	Investigation of Reliability on Distributed Generation	Ongoing	RGPV, Bhopal
17.	Hemant Amahia	Dr. A.K. Wadhvani	01-09-15	Design & Development of ECG Signal based disease diagnostic system	Ongoing	RGPV, Bhopal
18.	Monika Saraswat	Dr. A.K. Wadhvani	01-08-17		Course work ongoing	RGPV, Bhopal
19.	Alka Thakur	Dr. S. Wadhvani Dr. A.K. Wadhvani	20-06-11	Fault Detection and Analysis in Rotating Electrical Machine Using Soft Computing Techniques	Ongoing	RGPV, Bhopal
20.	Roopali Parmar	Dr. S. Wadhvani	16-02-12	Congestion Management in	Ongoing	RGPV, Bhopal



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		Dr. Manjaree Pandit		Power System		
21.	Manoj Ojha	Dr. S. Wadhvani Dr. A.K.Wadhvani	21-07-12	Analysis of The Bio-Potential Signals for Disease Identification	Ongoing	RGPV, Bhopal
22.	Rinisha Vigari	Dr. S. Wadhvani Dr. A.K.Wadhvani	Aug. 2018	Development of Diagnostic System using Image Processing Techniques	Ongoing	RGPV, Bhopal
23.	Poonam Singh	Dr. Manjaree Pandit Dr. Laxmi Sivastava	26-12-2018		Course work ongoing	RGPV, Bhopal
Electronics Engineering						
1	Pooja Sahoo	Dr. P.K. Singhal	February, 2018	Electronics Engineering	Coursework-1	RGPV, Bhopal
2	Rachit Jain	Dr. Vandana Vikas Thakare	December 2018	Electronics Engineering	Registered	RGPV, Bhopal
3	Hemant Kumar	Dr. Vandana Vikas Thakare	December 2018	Electronics Engineering	Registered	RGPV, Bhopal
4	Swati Verma	Dr. Vandana Vikas Thakare	December 2018	Electronics Engineering	Registered	RGPV, Bhopal
5	Deep Kishore Parsediya	Dr. P.K. Singhal	February,2018	Electronics Engineering	Coursework-1	RGPV, Bhopal
6	Madhav Singh	Dr. Laxmi Shrivastava	December 2018	Electronics Engineering	Registered	RGPV, Bhopal
7	Bhupendra Dhakad	Dr. Laxmi Shrivastava	December 2018	Electronics Engineering	Registered	RGPV, Bhopal
8	Manoj Singh Tomar	Dr. Laxmi Shrivastava	December 2018	Electronics Engineering	Registered	RGPV, Bhopal
9	Ranbeer Tyagi	Dr. Laxmi Shrivastava	December 2015	Electronics Engineering	Course work completed	UTU, Deharadun
10	Abhilasha Sharma	Dr. Rekha Gupta Dr.Sarita S. Bhadauria	February,2018	Electronics Engineering	Coursework-I	RGPV, Bhopal
11	Anshul Agarwal	Dr. Vandana Vikas Thakare Dr. P.K.Singhal	February,2018	Electronics Engineering	Ongoing	RGPV, Bhopal
12	Shailendra Singh Ojha	Dr. Vandana Vikas Thakare Dr. P.K.Singhal	February,2018	Electronics Engineering	Ongoing	RGPV, Bhopal



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13	Maniram Rawat	Dr. Vandana Vikas Thakare	March, 2018	Electronics Engineering	Ongoing	RGPV, Bhopal
CSE/IT						
1.	Shraddha Viraj Pandit	Dr. Akhilesh Tiwari	26/12/2012	Study and analysis of video compression with the special reference to fractal video.	Submitted	RGPV, Bhopal
2.	Vikram Rajpoot	Dr. Akhilesh Tiwari	27/02/2015	Design & Analysis of Efficient Algorithms for Mining Frequent Patterns from Large Databases	Awarded (29/6/2019)	MGCGV, Chitrkoot
3.	Prateek Gupta	Dr. R.K. Gupta Dr. Akhilesh Tiwari	02/02/2018	Data mining	Course Work	RGPV, Bhopal
4.	Abhishek Dixit	Dr. Akhilesh Tiwari Dr. R.K. Gupta	02/02/2018	Data mining	Course Work	RGPV, Bhopal
5.	Vishakha Agrawal	Dr. R.K. Gupta Dr. Akhilesh Tiwari	02/02/2018	Data mining	Course Work	RGPV, Bhopal
6.	Nishtha Parashar	Dr. Akhilesh Tiwari Dr. R.K. Gupta	02/02/2018	Data mining	Course Work	RGPV, Bhopal
7.	Khushboo Agrawal	Dr. Manish Dixit	10/04/2018	Wireless Networks	Course Work	RGPV, Bhopal
8.	Rajeev Kumar Singh	Dr. Akhilesh Tiwari Dr. R. K. Gupta	06/12/2018	Image mining	Course Work	RGPV, Bhopal
9.	Amita Sharma	Dr. Sanjeev Sharma Dr. Akhilesh Tiwari	10/08/2018	Data Mining	Course Work	RGPV, Bhopal
10.	Ruchi Jaiswal	Dr. Manish Dixit	10/08/2018	Digital Image Processing	Course Work	RGPV, Bhopal
11.	Anand Jawbekar	Dr. Manish Dixit	1/12/2018		Course Work	RGPV, Bhopal
12.	Sanjay Patsariya	Dr. Manish Dixit	30/11/2018		Course Work	RGPV, Bhopal
13.	Punit Kumar Johari	Dr. R.K. Gupta	17/02/2012	A Novel Approach for Retrieving Images using Soft Computing Techniques	RDC Done	RGPV, Bhopal
14.	Abhilash Sonker	Dr. R.K. Gupta	17/02/2012	A New Approach for Misbehavior Detection of Nodes in VANET	RDC Done	RGPV, Bhopal
15.	Arvind Kumar Sharma	Dr. R.K. Gupta	05/07/2013	Development of New Algorithms for Trend Detection & Prediction in	RDC Done	RGPV, Bhopal



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				Spatial Databases		
16.	Archana Gupta	Dr. Akhilesh Tiwari Dr. Sanjeev Jain	27/02/2012	A Novel System for Mining Incremental Frequent Item Set without Candidate Generation	RDC Done	RGPV, Bhopal
17.	Jaimala Jha	Dr. Sarita Singh Bhadauria	26/10/2013	A Framework for Fast Retrieval & Identification of Movement Images using visual features and Data Mining Techniques	RDC Done	RGPV, Bhopal
Applied Sciences						
1.	Jitendra Kumar	Dr. V.P. Shinde (Supervisor)	22/02/2012	Performance Analysis of Some Queueing Models	Submitted on 04/02/2019	RGPV, Bhopal
2.	Dilip Ku. Mishra	Dr. V.P. Shinde (Co-Supervisor)	25/10/2016	A Study of Function Evaluation by Evolutionary Algorithm for Global Numerical Optimization	Ongoing	Barkatullah University, Bhopal, M.P
3.	Alok Jain	Dr. D K Jain (Guide)	17/12/2015	A study of basic hypergeometric function with special reference to quantum calculus	Ongoing	Jiwaji University, Gwalior
4.	Altaf Ahmad Bhat	Dr. D K Jain (Co-Guide)	(23/03/2017)	A study of basic hypergeometric functions and their generalizations with special reference to fractional and quantum calculus	Submitted on 20/10/2018	Jiwaji University, Gwalior
5.	Anupma Agarwal	Dr Shourabh Bhattacharya (Co-Guide)	10/05/2016	Analytical Investigation of Atmospheric Parameters in normalized and Perturbed conditions	Ongoing	AISECT, Bhopal
Architecture						
1.	Rebecca Singh Jadon	Dr. Alok Sharma	20.11.2018	-	Registered	RGPV, Bhopal
2.	Siddarth Singh Jadon	Dr. Alok Sharma	20.11.2018	-	Registered	RGPV, Bhopal
3.	Mrunal Devidas	Dr. Alok Sharma	20.11.2018	-	Registered	RGPV, Bhopal



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	Gayakwad					
4.	Rajeev Parashar	Dr. R.K. Pandit	23.2.2018	-	Ongoing	RGPV
5.	Ashok Kumar Sinha	Dr. R.K. Pandit	12.6.2018	-	Registered	RGPV
6.	Sudhir Singh Sikarwar	Dr. R.K. Pandit	22.6.2018	-	Course Work	RGPV
7.	Rishika Shah	Dr. R.K. Pandit Dr. M.K. Gaur	Aug. 2018	Intergrating Building Physics and Energy Afficiency in Buildings for Sustainable Build Environment	Course Work	RGPV

SUMMARY OF Ph.D. CANDIDATES DEPARTMENT WISE (Year 2018-19)

Department	No. of Faculty who are Ph.D. Guides	Registered Students	No. of Ph.Ds Awarded
Civil Engineering	03	03	-
Mechanical Engg.	04	06	01
Electrical Engg.	04	03	03
Electronics Engg.	05	13	01
CSE/IT	04	10	-
Applied Sciences	02	-	-
Architecture	02	07	-
Total	24	42	05

30. INDUSTRIAL VISITS ORGANIZED

S.No.	Date	Name of Industry	No. of Students	No. of Faculty/ Staff	No. of Day(s)	2019 Observations and Impact
Civil Engineering						
1.	13.10.2018	Sewage Treatment Plant Morar, Moti Jheel Water Treatment Plant and Tighra Dam	102	08	01	Observed Different Stages of Sewage Treatment
2.	15.03.2019	Industrial visit of M.E/M.Tech students Tighra Dam (New Water Treatment	35	04	01	Observed Different Processes of Sewage Treatment



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		Plant), Rairu Distillery industry & AMP; Gwalior SPUN Pipe, Banmore				
Mechanical Engineering						
1.	21.08.2018	CSMT and AUDI Workshop, Tekanpur	52	02	01	-
2.	13.09.2018	Rail Spring Karkhana Sithouli	32	02	01	-
3.	16.03.2019	CIPET, Gwalior	42	02	01	-
4.	23.03.2019	Jamna Auto Industries	18	01	01	-
Electrical Engineering						
1.	23.02.2019	M.P.E.B. – Moti Jheel (Gwalior) 132KV Substation	20	2	01	-
2.	15.02.2019	M.P.E.B. – Roshni Ghar (Gwalior) : To study the SCADA systems, Electrical distribution, etc.	30	3	01	-
3.	25.08.2018	M.P.E.B. – Roshni Ghar (Gwalior) : To study the SCADA systems, Electrical distribution, etc.	70	3	01	-
Electronics Engineering						
1.	29.09.2018	Surya Roshni Limited, Malanpur	27	03	01	The students were demonstrated about the manufacturing and working of the printed circuit boards fitted inside the LED bulbs and tube lights. Every student interacted very effectively with the experienced officials and workers present there. As online feedback, we received response from 21 students. 90% students rated the visit as an excellent experience in all respects.
2.	25.01.2019	Priyanka Industry, Banmore	44	03	01	Feedback taken by students
3.	4.01.2019	SCIENSTECH, Indore	42	03	01	Feedback taken by students. report is also submitted
4.	6.10.2018	Smart Control India Pvt. Ltd.	46	02	01	Feedback taken by students and submitted the report on the same.
CSE/IT						
1.	24.7.2018	Infosys Ltd., Pune	41	04	01	Exposure of Industrial Practises to Students



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						and Faculty Members
Chemical Engineering						
1.	14.03.2019	Gwalior Distilleries Pvt. Ltd	42	03	01	Gained Practical Knowledge
Architecture						
1.	13.11.2018 to 17.11.2018	Varanasi	15	02	05	Study of City Planning
2.	13.03.2019 to 15.03.2019	Mandav City	26	02	03	-
3.	13.04.2019 to 16.4.2019	Chenderi & Bhopal	39	02	04	Study of Temple History of Architecture and Vernacular Architecture
4.	12.04.2019	Agra	32	02	02	-

31. 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	
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	1/06/18-19/0718	45 Days



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		Engineering Research (IJSER)		
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



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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, Mandasaur	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	Iftexharul 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



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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	Shashank Bundela	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



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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, Hyderabad	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 Khetrpal	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	Raghvendra 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



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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

32. 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		Kart Racing Championship	National Level	45th out of 250 teams all



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	Championship 2016				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 IITM Gwalior	08/02/2019 to 09/02/2019	DRONE SHOT	Inter College	2nd Position



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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 Ashutosh Singh Tomar Harsh Chaudhary (R))	18 Dec 2018	All India programming contest organized by ACM & Codechef , Gwalior & Pune region	National Level	242 AIR & selected for onsite contest
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	National	



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			aerobic bioreactor” at International conference on sustainable water resources innovations and impacts” held on 6-8 September, 2018 at the 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	National	



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			using isolated <i>Alcaligenes</i> 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.		
Architecture					
1	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, Andhra Pradesh as a part of the Happy Cities Summit – 2019.	National Level	Winner Rs. 25000/-
2	CERA Wb Washroom Design Challenge 2018 for Architecture and Interior Design Students B. Architecture IV Year 1. Sinddant Vishvkarma	15 th February, 2019	for Architecture and Interior Design Students	Zonals (West)	Second Prize
3	CERA Wb Washroom Design Challenge 2018 for Architecture and Interior Design Students B. Architecture III Year 1. Omeshwari Darpure 2. Surbhi Dubey	15 th February, 2019	for Architecture and Interior Design Students	Zonals (West)	Third Prize
4	CERA Wb Washroom Design Challenge 2018 for Architecture and Interior Design Students	8.03.2019	Invited for National	National	
5	Institute 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 Architectural Experiments in Design of International Airport proposed by AAI	National Level	Short listed for Final Evaluation Round and represent MP
6	Z-NASA, 2019 SJBIT College,	18.01.2019-	Annual NASA Convention is the annual	National & Intern	Short listed :



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	Banglore	23.01.2019	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
7	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
8	Ethos India Transparance 1. Sajal Patidar 2. Kanchan Choudhary 3. Pransha Parashar	Jan, 24 2019		Transparance – Weat Regionak Jury	Special Recognition

33. 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	22/09/18-	Students learnt the basics of arduino		



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	Robotic Based Football Competition)	24/09/18	Controlled robotics		
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 realted 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



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					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 & It'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	

34. 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 Necessary	02 February 2019	Debate on Reforms in Election Process is Necessary in both languages Hindi and English medium of speaking in	In-house	Approx. 55 Students Participated



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			Against and in Favour		
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

35. 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					



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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 07/10/2018	Organiser start up weekend Gwalior, powered by Google for entrepreneurs	State Level	
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	27-28 September	Inter-College Badminton Tournament	Nodal Level	Member of Winning Team



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	(Aditya Vikram)	2018		(Gwalior)	
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	Inter national Dance Festival Udbhav, 2018, Gwalior	28.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	27.09.2018 to	Tournament organized in IPS, College,	05	Gwalior Nodal	Winner



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	(Boy's) Tournament	28.09.2018	Gwalior, M.P.			
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 SRCEM, 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

36. NSS ACTIVITY FOR YEAR 2018-2019

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



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			<p>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.</p>
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 Benefits
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



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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.



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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 “आत्म ज्योति आवासीय दृष्टि हीन कन्या विद्यालय, मुरार, ग्वालियर” on **29/09/2018**. 48 volunteers were participated.



6. Blood Donation Camp :



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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 :



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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.



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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 :



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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.Perna Samvand at LNIP :

NSS unit MITS participated in “Perna 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 :



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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 :



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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.



37. NAMES OF NEW COURSES INTRODUCED AT UG/PG

Programme (UG/PG)	Semester	Course	Code	Impact
Electrical Engineering				
UG	8th	Soft Computing Lab	BEEL 801	
Electronics Engineering				
UG/B.TECH (ET)	IV	Stochastic Processes	200404	Help in understanding of digital communication & wireless communication system design
CSE/IT				



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UG	6	Cloud Computing	BCSL-610	To aware about various element of cloud storage and management of data over cloud infrastructure
UG	4	Cyber Security	1004	Focus on Cyber Security aspects for including cyber practice related skill development
UG	7	Information Technology & Infrastructure Management	BITL-703	Awareness about current trends & IT infrastructure & their impacts.
UG	8	Internet of things & Applications	BITL/BCSL804	To aware about various element of IoT system
Chemical Engineering				
UG	VIII	Environmental Engineering	BCHL804	Gained Knowledge about Environmental Issue

38. NAMES OF COURSES FOR WHICH THE SYLLABUS WAS MODIFIED

Programme (UG/PG)	Semester	Course	Code	% of syllabus added/deleted
Mechanical Engineering				
Mechanical Engineering (UG)	All (The Course has been Modified as per the AICTE Mandate of Flexible Curriculum)	B.Tech.	-	-
Automobile Engineering (UG)	All (The Course has been Modified as per the AICTE Mandate of Flexible Curriculum)	B.Tech.	-	-
Electrical Engineering				
UG	4th	Power System - I	130404	-
UG	4th	Software Lab	130405	-
Electronics Engineering				
UG	III	Electronics - I	140302	30
UG	III	Digital Circuit Systems	140303	20
UG	III	Network Theory	140304	05
UG	III	Signals & Systems	140305	40
UG	IV	Electronics - II	140402	40



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UG	IV	Analog Communication	140403	30
UG	IV	Communication Network	140404	50
UG	IV	Electronics Measurements & Instrumentation	140405	30
Applied Sciences				
B.Tech.	I and II Sem	Engineering Mathematics - I	100102	Nil
B.Tech.	III Sem	Mathematics - II	100001	Nil
B.Tech.	IV Sem	Mathematics - III	100003	Nil
Architecture				
B. Architecture UG	I	Architectural Design - I	210101	
	I	Architectural Materials	210102	15
	I	Graphics – I	210103	15
	I	Structure-I	210108	15
	I	History of Architecture - I	210105	15
	I	Workshop – I	210107	10
	I	Technical English	210109	15
	II	Architectural Design – II	210201	15
	II	Building Construction -I	210202	10
	II	Graphics – II	210203	15
	II	Structure II	210208	10
	II	History of Architecture- II	210205	05
	II	Theory of Design	210206	05
	II	Workshop – II	210207	15
	III	Architectural Design – III	210301	10
	III	Building Construction -II	210302	05
	III	Graphics -III	210303	15
	III	Surveying & Leveling	210304	15
	III	History of Architecture-III	210305	05
	III	Structure-III	210306	15
	III	Summer Internship Project –I (Institute Level Evaluation)	210307	15
	III	Biology for Engineers/ Architects (Audit Course)	210308	15



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39. BEST PRACTICES OF THE DEPARTMENT (LIST AT LEAST TWO IN THE FOLLOWING FORMAT)

Mechanical Engineering :

BEST PRACTICE – 1	
Title of The Practice	Colloquium (Poster Presentation of final year student's projects)
Objective of the Practice	The objective of this practice is to bring the projects made by the UG and PG students of all branches on a common platform to showcase their project/models in front of external examiners. This practice helps each student to not only have knowledge of their discipline but also have knowledge of other disciplines and share their ideas and expertise.
The Context	Before this practice, just a simple presentation of the projects of final year students did take place but it doesn't allowed all other discipline students and faculties to understand each other's department's projects. Now this practice gives opportunity to students of all disciplines to showcase their project and ideas in front of all.
The Practice	<ol style="list-style-type: none"> i. One date is fixed in well enough to notify all students and external examiners. ii. Students of final year students are invited to present and demonstrate their projects using a poster for each project. iii. Each group of students make a poster of their project format of which is same and decided by the event coordinator. iv. All senior faculties of the Institute as well as external examiners from industries are invited in advance to come and evaluate the projects on the event day. v. On the day of event all projects are arranged with a specific number given to them. Examiners come and evaluate these projects while students present and demonstrate their projects to them. vi. We are also going to invite the students from other institute also to showcase their projects on this event from next year.
Evidence of Success	Due to this practice students and faculties interaction with each other has increased and many interdisciplinary projects have also come out.
Problems Encountered and Resources Required	No major problems are encountered but due to the timing of this event close to the end semester exam, students from other institute are not willing to come here. So from the next year we will adjust the timing so that the students from other institutes can also showcase their projects on a common platform.

BEST PRACTICE – 2	
Title of The Practice	Participation in National level SAE Events (BAJA SAE, EFFICYCLE, SUPRA etc.)
Objective of the Practice	The objective of these competitions is to provide students a challenging project that involves design, engineering, planning, manufacturing and marketing the tasks found. In these events teams compete against one another to have their design accepted for manufacturer of a fictitious firm. Students must have to function as a team not only to design, build, test, promote, and run a vehicle within the limits of the rules, but also to generate financial support for their project and manage their educational priorities.
The Context	There was a need to give students some opportunities of working on a challenging project so that they can apply their



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	knowledge and innovative ideas to create something new and compete on national level to showcase their talents. So this practice provides them the best.
The Practice	<p>There are following different types events in which students participate:</p> <ol style="list-style-type: none"> i. BAJA SAEINDIA ii EFFICYCLE iii. SUPRA <p>The objective of the competition is to provide members with a challenging project that involves design, engineering, planning, manufacturing and marketing the tasks found. Teams compete against one another to have their design accepted for manufacture by a fictitious firm. Students must function as a team not only to design, build, test, promote, and run a vehicle within the limits of the rules, but also to generate financial support for their project and manage their educational priorities.</p>
Evidence of Success	<ul style="list-style-type: none"> · Ranked 22nd in virtual and 33rd in final round of NKRC 2015. · We introduced Smart Helmet, Adjustable Steering and Variable Brake Pedal Ratio as innovations in that competition. · Ranked 45th out of 250 teams all over India in 2016.
Problems Encountered and Resources Required	There is not any major problem encounter but sometimes students need financial support because these events are capital intensive.

Electrical Engineering :

BEST PRACTICE – 1	
Title of The Practice	Open Book I Mid-Sem Examination
Objective of the Practice	<p>The objective of the 'Open Book Mid-Sem Examination' is to equip the students with intellectual abilities and skills. This will enhance the ability of students to quickly find relevant information and then to understand, analyze, apply knowledge and think critically. The student will focus on understanding of concepts involved in the subject along with its theory part.</p> <p>A very interesting and brilliant idea of conducting open book examination for the students has been introduced in the Electrical Engineering Department (EED) in Madhav Institute of Technology and Science (MITS), Gwalior.</p>
The Context	<p>The most of the competitive exams focus on the concepts rather than theory therefore it is must for students to understand conceptual part. Also in the competitive exams usually four choices are given, out of which only one answer is the correct. Keeping this trend in mind 'Open Book I Mid-Sem Examination' one subject in 6th semester and one subject in 7th semester has been adopted.</p>
The Practice	<ol style="list-style-type: none"> i. This open book in I mid-semester exam has been started for Power Electronics (6th semester) and Electrical Drives (7th semester). During exam students are permitted to take help from books, notes as well as Smartphone too. Power electronics is a hybrid paper that includes the idea of basic electrical engineering, material science, network theory, control systems, basic electrical machines, and power systems. Also it includes control techniques of devices like SCR, BJT, and



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	<p>MOSFET etc. Due to this, the 6th semester students most of the time get confused and do not answer correctly. Similar is the case with the subject 'Electrical Drives'. By conducting 'Open Book I Mid-Semester' the students who are little bit confused will get some support in giving answer correctly.</p> <p>ii. It also reduces the pressure on the mind of the students and motivates them. Also it is the best way to remove the fear of exam.</p>
Evidence of Success	Surprisingly, the result analysis shows that the high score percentage of the students has been increased drastically and the fail percentage, backlog of the students has been reduced.
Problems Encountered and Resources Required	As this was a new concept firstly students were afraid of this, but later on their interest increased in learning the subject and they enjoyed it.

BEST PRACTICE – 2											
Title of The Practice	Identification of the slow learner students from marks of Mid -Sem Examination and efforts to improve them										
Objective of the Practice	The performance of some the students are poor in Mid – Sem Examination and consequently they obtain less mark in these Mid – Sem Examinations. The objective is to identify these students on the basis of marks obtained. Thereafter, in second step a meeting is organized with them to find out their reasons for obtaining fewer marks and to take corrective action accordingly.										
The Context	The performance of students may be improved in second Mid – Sem Examinations, End Term Examinations and in competitive examinations as well.										
The Practice	<p>Mid- term result analysis will be done according to following format :</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">Students Marks</td> <td style="text-align: center;">0-6</td> <td style="text-align: center;">7-12</td> <td style="text-align: center;">13-16</td> <td style="text-align: center;">17-20</td> </tr> <tr> <td style="text-align: center;">No. of students</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <ul style="list-style-type: none"> · Students of column I and II will be considered as the slowest learner students and slow learner students respectively. · Meetings done to find the difficulty of students. <i>Personal Attention Classes</i> are conducted for these students. Following steps are taken to help them: <ul style="list-style-type: none"> ü Learning material of the students checked and adequate learning material provided. ü Revision of course contents as per their need. ü More assignments, checking and guidelines for improvement. ü The best A/B shown and discussed among students of column I and II. 	Students Marks	0-6	7-12	13-16	17-20	No. of students				
Students Marks	0-6	7-12	13-16	17-20							
No. of students											
Evidence of Success	This practice has recently started therefore it will take time to analyze its impact; however it has increased interest and										



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	confidence of students in the subject.
Problems Encountered and Resources Required	Most of the students feel reluctant to attend and share their problems. They need additional motivation to attend and share their problems with the faculty.

Electronics Engineering :

BEST PRACTICE – 1	
Title of The Practice	ASIMOV CLUB
Objective of the Practice	Robotics Introducing
The Practice	Workshop, Live Events, Expert Talk, Competitions, Projects, Teaching
Evidence of Success	Facebook Page by ASIMOV, Website, MITS Portal
Problems Encountered and Resources Required	Lack of Money, Lack of Space

BEST PRACTICE – 2	
Title of The Practice	MEDITATION
Objective of the Practice	To make the mind calm, peace and to get positive energy
The Practice	Meditating for 30 minutes (Monday and Wednesday during lunch hours)
Evidence of Success	Heartfulness Trainer
Problems Encountered and Resources Required	Need Quiet Place

CSE/IT :

BEST PRACTICE – 1	
Title of The Practice	Focussed Industry Interface
Objective of the Practice	To enhance the industry exposure amongst the students and faculty members
The Context	Faculty members are given opportunity to attend Faculty Enablement Programs (FEPs) on various industrial practices through classroom and webinar mode. The same is rolled out to the students. Additionally, Dept. organizes industry visits for exposing the students to industry environment, work culture and practices.
The Practice	Effort to bridge the gap between industry and academic institution
Evidence of Success	MoU with Infosys, inclusion of industry suggested courses such as IoT, Blockchain Technology, Data Analytics, etc.
Problems Encountered and Resources Required	Lack of availability of industrial. expertise to students and more collaboration with industrial houses



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BEST PRACTICE – 2	
Title of The Practice	Application Specific Project Development
Objective of the Practice	Promotion of projects targeted to real life problems
The Context	Under the collaboration with M.P Police Reforms several projects are being developed. These projects will contribute towards development of Automated Crime Detection System in Madhya Pradesh
The Practice	Students with their supervisors are working in progressive manner.
Evidence of Success	Some projects are in the completion stage. Progress of each project is personally monitored by Sh. Maithilisharan Gupta, Special DGP of M.P. Police Reform through WhatsApp Group & frequent interactions with the students by visiting the institute. Moreover, a project prototype of students has been selected in Grand Finale of National Level Event- Smart India Hackathon, 2019 organized by MHRD.
Problems Encountered and Resources Required	Project specific resource/expertise requirements.

Chemical Engineering :

BEST PRACTICE – 1	
Title of The Practice	Collaboration with other departments of the institute.
Objective of the Practice	To learn the knowledge in different fields.
The Practice	Students work on various interdisciplinary fields in collaboration with other departments of the institute.

Applied Sciences :

BEST PRACTICE – 1	
Title of The Practice	Student Mentoring and counselling
Objective of the Practice	<ul style="list-style-type: none"> • To understand the problems the students face in and out of classrooms. • To try and give personal attention to students seeking help and guidance and one to one interaction
The Context	<ul style="list-style-type: none"> • To bridge the gap between the student and the teacher • Improve and motivate the students on a mental level.
The Practice	The department from a long time now has been in practice of conducting formal/informal meeting with the students of the various branches and discuss their academic and personal issues
Evidence of Success	We are in regular practise of the exercise as a result students have gradually been succeeded over their reluctance with respect to the teacher and the subject.



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Problems Encountered and Resources Required	As such there is nothing to specify. The work is carried out by respective class coordinator of applied science at hand and is managed at individual student level o takes time & energy both. We attempt to meet out the same at our level. 100% Students turnout when assessing them is needed and is being ensured in upcoming semester.
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BEST PRACTICE – 2	
Title of The Practice	Remedial classes
Objective of the Practice	<ul style="list-style-type: none"> • To eradicate the weaknesses of a student which may affect the examination performance.. • Better understanding of the subject
The Context	<ul style="list-style-type: none"> • In order to improve the performance of weaker students the faculties keep conducting remedial classes • This makes the student conscious about his strengths and weaknesses as well as learn participating and evaluating in an problem solving at the same time
The Practice	The faculties ensure to make themselves available to the students during off days and on every Saturday so that the students could freely attend the doubt clearing sessions.
Evidence of Success	Most of the students who have attended such classes have cleared performed better in examinations.
Problems Encountered and Resources Required	Some students are very conscious and shy to attend such classes hence 100% achievement has not yet been done. However efforts are continuously being put by the faculties in this context.

40. NEWS PAPER CUTTINGS/ ACHIEVEMENTS COVERED BY MEDIA

Mechanical Engineering :



महिलाएं स्ट्रॉंग होंगी, तभी बढ़ेंगी आगे



पत्रिका PLUS रिपोर्ट

ग्वालियर • एमआइटीएस के मैकेनिकल विभाग की ओर से महिला सशक्तिकरण विषय पर शनिवार को एक सेमिनार का आयोजन किया गया। कार्यक्रम में मुख्य अतिथि के रूप में सामाजिक कार्यकर्ता डॉ. आशा माथुर उपस्थित थीं। कार्यक्रम को संबोधित करते हुए डॉ. माथुर ने कहा आज की स्त्रियां हर क्षेत्र में अपना लोहा मनवा रही हैं। सृजन की शक्ति भगवान के अलावा केवल नारी के पास ही होती है। उन्होंने महिलाओं को आंतरिक क्षमता बढ़ाने के लिए भी प्रोत्साहित किया। उन्होंने कहा कि महिलाओं का स्ट्रॉंग रहना बहुत जरूरी है, जिससे वह अपनी लाइफ में आगे बढ़ सकती हैं। बिना किसी रुकावट के आशा और

डॉक्यूमेंट्री फिल्म से किया जागरूक

कार्यक्रम में महाविद्यालय की ओर से कई सांस्कृतिक प्रस्तुतियां दी गईं। मानसी पाठक और रोहित नामदेव ने कविता पाठ कर श्रोताओं को विषय से जोड़ने का प्रयास किया। मोहा श्रीवास्तव, सुहानी जैन एवं कृति पटवारी ने अपने वक्तव्य द्वारा विषय को और गहराई दी। डॉक्यूमेंट्री फिल्म के प्रदर्शन से भी जागरूकता बढ़ाने की दिशा में कदम उठाए गए। यांत्रिकी विभाग के विभागाध्यक्ष डॉ. मनीष सागर ने भी कार्यक्रम में शिरकत की।

साहस उनकी लाइफ में होना ही चाहिए। उन्होंने प्राचीन काल से लेकर वर्तमान समय तक उनकी स्थिति का विवरण दिया। इसी के साथ जूड़ी प्रशिक्षक और नारी विकास से जुड़ी नीतू गोयल ने छात्राओं को आत्मरक्षा के गुर सिखाए।



पत्रिका Sun, 10 February 2019
epaper.patrika.com/c/36587968

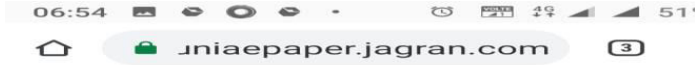


Electronics Engineering :



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वारे में संगीत की विभागाध्यक्ष प्रो. रूपाली उपस्थित थे। प्रतियोगिता में 55 छात्रों ने भाग लिया। इस अवसर पर सभागिता की।

स्टूडेंट्स ने देखी शॉर्ट फिल्म



व्याख्यान। मंगलवार को एमआईटीएस में एक शॉर्ट फिल्म फेस्टिवल का आयोजन किया गया। इसके अंतर्गत अविष्कारक संबंधित फिल्में दिखाई गईं। यह कार्यक्रम इनोवेशन सेल ने विद्यार्थियों को प्रोत्साहित करने के लिए आयोजित किया। इस मौके पर इनोवेशन

सेल के इंचार्ज डॉ. सीएस मालवी ने एमआईटीएस के स्टूडेंट्स द्वारा किए गए इनोवेशन से अवगत कराया। कार्यक्रम में डॉ. सिंघाई, पोर्टबल साइकिल, येलो स्कूल बैग, ग्रीनसिडिंग ऑफ फ्यूड्स सीएफएल एंड ब्रड, बायोमेट्रिक लॉक आदि की जानकारी भी दी गई।

कॉम्पिटिशन में कई कॉलेज के 200 स्टूडेंट्स ने लिया भाग

बॉटल, पीवीसी पाइप, गत्ते से बनाया रॉकेट



पत्रिका PLUS रिपोर्टर

व्याख्यान • एमआईटीएस ने रोबोटिक क्लब की ओर से वाटर रॉकेट कॉम्पिटिशन हुआ। यह इतर कॉलेजों से 200 स्टूडेंट्स की सहभागिता रही। कॉम्पिटिशन में टॉप थ्री टीम को टूर्नामेंट में भाग लेने में सफल होने की वजह से वाटर रॉकेट बनाने का अवसर मिला। इसके बाद एक अन्य कॉम्पिटिशन हुआ, जिसमें टॉप में अच्छा प्रदर्शन किया।



ये रॉकेट में कॉम्पिटिशन। इस रोजनल लेवल इवेंट में दो राउंड खेले गए थे।

के साथ यूजफुल रसम का यूज कर रॉकेट बनाना था। इसमें बोटल, पीवीसी पाइप, गत्ते के गत्ते से रॉकेट बनाना था और उसमें पानी को भरना भी जरूर करना था। इसमें स्टूडेंट्स को थ्योरी से प्रैक्टिकल कर परफॉर्म करना सिखाया गया।
ये रॉकेट: कॉम्पिटिशन में फर्स्ट प्रज्ज संकल्प, शिवम, प्रवीण, अमन और निरम को मिला। सेकंड प्रज्ज निरम, निरम, शिवम, आरुणिक शिवम, शिरोडिया, अमित गणिल के नाम रहे। इसी प्रकार थर्ड प्रज्ज अनिमेष, शुभम, अरुण, चिंतन और सप्तम को मिला।

पुलिस और एमआईटीएस के छात्र मिलकर कर रहे काम

स्टूडेंट्स के इनोवेशन से क्रिमिनल्स का आसानी से पता लगा लेगी पुलिस



पत्रिका PLUS रिपोर्टर

व्याख्यान • स्टूडेंट्स इन पत्रिका में कई तरह के इनोवेशन का प्रदर्शन कर रहे हैं। इनमें से एक है 'क्रिमिनल्स का पता लगा लेना'। यह एक स्टूडेंट्स का इनोवेशन है जो पुलिस को आसानी से पता लगा लेगी।



पत्रिका PLUS रिपोर्टर

व्याख्यान • स्टूडेंट्स इन पत्रिका में कई तरह के इनोवेशन का प्रदर्शन कर रहे हैं। इनमें से एक है 'क्रिमिनल्स का पता लगा लेना'। यह एक स्टूडेंट्स का इनोवेशन है जो पुलिस को आसानी से पता लगा लेगी।



पत्रिका PLUS रिपोर्टर

व्याख्यान • स्टूडेंट्स इन पत्रिका में कई तरह के इनोवेशन का प्रदर्शन कर रहे हैं। इनमें से एक है 'क्रिमिनल्स का पता लगा लेना'। यह एक स्टूडेंट्स का इनोवेशन है जो पुलिस को आसानी से पता लगा लेगी।



अपना शहर

इमेजरी पिक्सल से बताई जा सकती है फसल की पैदावार

एमआईटीएस में आयोजित कार्यक्रम में बोले एक्सपर्ट

व्याख्यान • इमेजरी पिक्सल से फसल की पैदावार का अनुमान लगाया जा सकता है। यह एक नया तकनीक है जो किसानों को फसल की पैदावार का अनुमान लगाने में मदद करेगी।



स्टूडेंट्स ने दिव्यांगों को बांटी स्टेशनरी



व्याख्यान • एमआईटीएस में आयोजित कार्यक्रम में बोले एक्सपर्ट

व्याख्यान • एमआईटीएस में आयोजित कार्यक्रम में बोले एक्सपर्ट

आईआईटी क्लियर करने अभी से करें तैयारी

शासकीय हाईस्कूल जमाहर गांव में पहुंचे एमआईटीएस के छात्र

व्याख्यान • एमआईटीएस के छात्रों ने शासकीय हाईस्कूल जमाहर गांव में पहुंचे। उन्होंने आईआईटी क्लियर करने के लिए तैयारी करने में मदद की।



व्याख्यान • एमआईटीएस के छात्रों ने शासकीय हाईस्कूल जमाहर गांव में पहुंचे। उन्होंने आईआईटी क्लियर करने के लिए तैयारी करने में मदद की।



दिव्यांगों को बांटी स्टेशनरी

संस्थान के इलेक्ट्रॉनिक्स विभाग के शिक्षकों और छात्रों ने अमर ज्योति विद्यालय में छात्रों को स्टेशनरी सहित जरूरत का अन्य सामान वितरित किया। इस अवसर पर विभाग के प्रो. दीपकेशोर परसेडिया, प्रो. माधव सिंह, सृजन सिंह जादौन मौजूद रहे।

CSE/IT :



एमआईटीएस में हेकार्थॉन की शुरुआत स्मार्ट पोस्टर मेकर, ऑनलाइन कोर्सेस के कोड तैयार करेंगे पार्टिसिपेंट्स

पत्रिका PLUS रिपोर्टर

ग्वालियर - एमआईटीएस के कम्प्यूटर साइंस इंजीनियरिंग एवं इन्फॉर्मेशन टेक्नोलॉजी विभाग और स्टार्टअप सेल के सहयोग से हेकार्थॉन की शुरुआत शुक्रवार को की गई। इंदौर की डबलपर कम्पनी ने कई प्रिब्लिम सेट किए, जिसमें

स्मार्ट पोस्टर मेकर, ऑनलाइन कोर्सेस, स्मार्ट इंटरव्यू, गेम्स फॉर विजुअली इंपेराइड पोपल आदि शामिल थे। इन सभी के कोड पार्टिसिपेंट्स तैयार करेंगे। इस इवेंट में आरजेआईटी टेकनपुर, टिपल आईटीएम, एमिटी युनिवर्सिटी की कुल 16 टीमों ने भाग लिया।

डेटा माइनिंग पढ़ाने के लिए अपनाएं 4-वी फार्मूला

सिटी रिपोर्टर

एमआईटीएस में एआईसीटीई के क्वालिटी इंप्रूवमेंट प्रोग्राम के तहत शुरू हुआ शॉर्ट टर्म कोर्स

छात्रों की रुचि समझें

ऑन डिजिटल कंटेंट ऑन डेटा माइनिंग प्रोग्राम के तहत एमआईटीएस के छात्रों की रुचि समझें। एमआईटीएस के छात्रों की रुचि समझें। एमआईटीएस के छात्रों की रुचि समझें।

भविष्य में इन क्षेत्रों में बढ़ेगा डेटा माइनिंग

शॉर्ट टर्म कोर्स में प्रो. कमान राज परवारानी ने कहा कि पहले मैनुअल तरीके से डेटा माइनिंग होता था, लेकिन अब इसका एप्लिकेशन बढ़ रहा है। भविष्य में लॉ, सोशल मीडिया, बैंक फंड और डिजिटल से डेटा माइनिंग का उपयोग बढ़ेगा। वहीं एमआईटीएस में डेटा माइनिंग कोर्स के तहत एमआईटीएस के छात्रों की रुचि समझें।

मशीन लर्निंग तकनीक का हर क्षेत्र में हो रहा उपयोग

एमआईटीएस में चल रहे पांच दिवसीय शॉर्ट टर्म कोर्स में देशभर से आए वक्ताओं ने कहा

सिटी रिपोर्टर

मशीन लर्निंग तकनीक है, जिसे आज हर क्षेत्र में उपयोग किया जा रहा है। मशीन लर्निंग को सहायता से पहले से मौजूद डेटा से मॉडल बनकर नए डेटा को भविष्यवाणी में की जा सकती है। यह बात प्रो. प्रशांत सिंह ने कहा। एमआईटीएस में इन दिनों शॉर्ट टर्म कोर्स का आयोजन किया जा रहा है। रविवार को इसमें टिपलआईटीएम जलपुर से आए प्रो. प्रशांत जैन ने मशीन लर्निंग का उपयोग विचार रखे। साथ ही इसके उपयोग से, रिसर्च एंड डेवलपमेंट के विषय पर चर्चा की। आईआईटी रुड़की के प्रो. पार्थ राय ने पेटेंट रिकॉग्निशन के विभिन्न उपयोगों आधुनिक के बारे में बताया। इस अवसर पर संस्थान के फैकल्टी मेंबर सतित प्रदेशभर से आए प्रतिभागी मौजूद रहे।

वर्तमान में डेटा को माइनिंग करना जरूरी

शॉर्ट टर्म कोर्स में डॉ. जैसी बंसल ने कहा कि व्यवसाय के लिए डेटा को माइनिंग करना जरूरी हो गया है। यह डेटा कई तरीके से व्यवस्थित किया जाता है। जैसे डेटा हाई डायमेंशनल और डेटा बाय। इसके अलावा उन्हे लो डीमी डेटा और अलग-अलग डेटा में अडिफिकेशन डेटा के बारे में जानकारी दी। उन्हे कहा कि अधिकतर क्षेत्र में अडिफिकेशन डेटा को माइनिंग करना जरूरी है। कई देशों में डेटा को माइनिंग कर रहे हैं। साथ ही इस क्षेत्र में रिसर्च भी तेजी से की जा रही है। अंत में उन्हे प्रिभागीयों की डिजाइनों का समायोजन किया।

सड़क सुरक्षा पर जागरूकता कार्यक्रम आयोजित

संस्थान में रविवार को राष्ट्रीय सेवा योजना की ओर से सड़क सुरक्षा को लेकर कार्यक्रम का आयोजन किया गया। इसमें छात्रों के प्रथम आश्चर्य कक्षा के छात्रों को जागरूकता सुरक्षा संबंधी जानकारी दी। साथ ही कक्षा के नौ-पहिया वाहन चलाने समग्र हेल्मेट जरूर पहनें। साथ ही जागरूकता विभाग का पालन करें। इस अवसर पर राष्ट्रीय सेवा योजना के प्रभारी प्रो. मनीष तालार, प्रो. स्वाति गुप्ता सहित छात्र-छात्राएं मौजूद रहे।

मशीन लर्निंग आवश्यक तकनीक, हर क्षेत्र में है उपयोगी

एमआईटीएस में आयोजित शॉर्ट टर्म कोर्स में एक्सपर्ट्स ने रखे अपने विचार

सिटी रिपोर्टर

मशीन लर्निंग आवश्यक तकनीक, हर क्षेत्र में है उपयोगी। एमआईटीएस में आयोजित शॉर्ट टर्म कोर्स में एक्सपर्ट्स ने रखे अपने विचार। एमआईटीएस में आयोजित शॉर्ट टर्म कोर्स में एक्सपर्ट्स ने रखे अपने विचार।

प्रतियोगिता में स्टूडेंट्स ने दिए प्रश्नों के उत्तर

इसके साथ ही एमआईटीएस में कांस्रेट-एक्सप्रेस प्रतियोगिता का आयोजन भी किया गया। प्रतियोगिता के दौरान प्रश्नों के उत्तर देने में छात्रों की रुचि समझें। एमआईटीएस में आयोजित शॉर्ट टर्म कोर्स में एक्सपर्ट्स ने रखे अपने विचार।

समा खड भुम 1। व आइएएम धूनवासड। गमस म बह-चदकर भाग। लया। रिसासबालटा के वार म बताया। युवा शान्ते क प्रसाड अरु। शनक, आकाश गुवा मजुद रह।

ANCHOR एमआईटीएस में शॉर्ट टर्म कोर्स का इनांग्रेशन

इन्फॉर्मेशन कलेक्ट करने में डाटा माइनिंग का यूज

पत्रिका PLUS रिपोर्ट

ग्वालियर • आज हर क्षेत्र में डाटा माइनिंग की आवश्यकता यूजफुल इन्फॉर्मेशन को निकालने के लिए की जा रही है। डाटाबेस एक छोटी रिपॉजिटरी है, जो ट्रान्स्पैरेंट डाटा को स्टोर करती है। जबकि डाटा वेयर हाउस विभिन्न डाटा सोर्स से मिलकर बनी हुई रिपॉजिटरी है, जो कि पीरिआडिक डाटा स्टोर करती है। यह बात मैनेज पोपल के डॉ. कमलराज परदासनी ने पांच दिवसीय शॉर्ट टर्म कोर्स का शुभारंभ अवसर पर कही। यह आयोजन एमआईटीएस के कम्प्यूटर



साइंस इंजीनियरिंग एंड इन्फॉर्मेशन टेक्नोलॉजी विभाग की ओर से किया जा रहा है। इसका विषय इंटेलेजेंट कम्प्यूटिंग टेक्निक्स इन डाटा माइनिंग

एंड इमेज प्रोसेसिंग रखा गया है। इस अवसर पर सार्क युनिवर्सिटी के प्रो. जगदीश बंसल, ट्रिपल आइटीएफ के प्रो. पीके सिंह ने भी व्याख्यान दिया।

डाटा को सर्व करने में उपयोग : सार्क युनिवर्सिटी के प्रो. बंसल ने बताया कि इंटेलेजेंट ऑप्टिमाइजर नेचुरल फेनोमेन से इन्सप्रायर्ड होती है। इन्हें के शिक्षक उपस्थित रहे।

मैथमेटिकली बेरिफाइड नहीं कर सकते। हनी वी के फर्रिनिंग बिहैवियर से इंपायर्ड ऑप्टिफिशियल वी कॉलोनी ऑप्टिमाइजेशन अल्गोरिथम से अवगत कराया। प्रो. पीके सिंह ने बताया कि सॉफ्ट कम्प्यूटिंग मेथड में रैंडमनेस होने के कारण ये मेथड हमेशा विभिन्न सॉल्यूशन देते हैं। इन सभी मेथड का उपयोग हम डाटा को सर्व और ऑप्टिमाइज करते समय करते हैं। इस अवसर पर विभागाध्यक्ष डॉ. अखिलेश तिवारी, प्रोग्राम को-ऑर्डिनेटर प्रो. पुनीत कुमार जोहरी, प्रो. मेहा भारद्वाज सहित प्रदेश के विभिन्न इंजीनियरिंग संस्थानों के शिक्षक उपस्थित रहे।

यूजफुल इन्फॉर्मेशन निकालने के लिए आ हर क्षेत्र में डाटा माइनिंग की आवश्यकता



ग्वालियर। नईदुनिया रिपोर्ट

एमआईटीएस महाविद्यालय के कम्प्यूटर साइंस इंजीनियरिंग एंड इन्फॉर्मेशन टेक्नोलॉजी विभाग द्वारा आयोजित पांच दिवसीय शॉर्ट टर्म कोर्स का शुभारंभ कार्यक्रम को हुआ। यह कोर्स 'इंटेलेजेंट कम्प्यूटिंग टेक्निक्स इन डाटा माइनिंग एंड इमेज प्रोसेसिंग' विषय पर आयोजित है।

कोर्स के शुभारंभ अवसर पर मैनेज पोपल के डॉ. कमलराज परदासनी, सार्कविश्वविद्यालयके प्रो. डॉ. जगदीश बंसल, ट्रिपल आइटीएफ ग्वालियर के प्रो. डॉ. पीके सिंह ने व्याख्यान दिया।

कार्यक्रम में विभागाध्यक्ष डॉ. अखिलेश तिवारी, कार्यक्रम को-ऑर्डिनेटर प्रो. पुनीत कुमार जोहरी, प्रो. मेहा भारद्वाज के अलावा प्रदेश के अन्य इंजीनियरिंग संस्थानों के शिक्षक उपस्थित रहे। कार्यक्रम को संबोधित करते हुए प्रो. कमलराज परदासनी ने कहा कि यूजफुल इन्फॉर्मेशन को निकालने के लिए आज हर क्षेत्र में डाटा माइनिंग की आवश्यकता महसूस की जा रही है। उन्होंने डाटा माइनिंग और डाटा वेयर हाउस की चर्चा करते हुए कहा कि डाटाबेस एक छोटी रिपॉजिटरी है, जो ट्रान्स्पैरेंट डाटा को स्टोर करती है। जबकि डाटा वेयर हाउस विभिन्न डाटा सोर्स

से मिलकर बनी हुई रिपॉजिटरी पीरिआडिक डाटा स्टोर करती है। सार्क विश्वविद्यालय के जगदीश बंसल ने विभिन्न इंफॉर्मेटिव डेटाबेस पर चर्चा करते हुए कि इंटेलेजेंट ऑप्टिमाइजर फेनोमेन से इन्सप्रायर्ड होती है। मैथमेटिकली बेरिफाइड नहीं कर सकते हैं। साइबो हनी वी के बिहैवियर से इन्सप्रायर्ड ऑप्टिफिशियल कॉलोनी ऑप्टिमाइजेशन अल्गोरिथम से अवगत कराया। सॉफ्ट कम्प्यूटिंग को कैसे डाटा माइनिंग एप्लाइड लगा सकते हैं, यह जानकारी पीके सिंह ने दी।

अब मेटलैब पर रिसर्च कर शोधार्थी बना सकते हैं समाज में अपनी अलग पहचान



ग्वालियर। नईदुनिया रिपोर्ट

एमआईटीएस में इन दिनों एक्सपर्ट और आइटी विभाग का पांच दिवसीय शॉर्ट टर्म प्रोग्राम जारी है। रविवार को उपस्थित सदस्यों को संबोधित करने के लिए ट्रिपलआइटीएफ जबलपुर से प्रो. प्रशांत जैन को आमंत्रित किया गया। उन्होंने मेटलैब की उपयोगिता एवं रिसर्च डेवलपमेंट पर बिलार से प्रकाश डाला। उन्होंने बताया मेटलैब की उपयोगिता जिस क्षेत्र में होती है उसमें अपार

एमआईटीएस में पांच दिवसीय शॉर्ट टर्म प्रोग्राम जारी, रविवार को जबलपुर से आए एक्सपर्ट ने किया संबोधित

संभावनाएं होती हैं। आज के चुनौती भरे में सर्वश्रेष्ठ पाने के लिए शोधार्थी मेटलैब पर रिसर्च कर समाज में अपनी नई पहचान बना सकते हैं। **रिसर्च कंपनियों को मिल रही चुनौती** आईआईटी रुडकी से आए डॉ.

पार्थराय ने पेटर्न रिकग्निशन के विभिन्न उपयोगी आयामों के बारे में बताया। उन्होंने कहा कि कंपनियों नए-नए क्षेत्र में शोध कार्य कर विदेशी कंपनियों को चुनौतियां दे रही हैं। इस सफलता के पीछे पेटर्न रिकग्निशन नामक प्रक्रिया ही है। दिल्ली से आए डॉ. टीवी विजय एवं अरुण सिंह ने अपने आईटिआल इंटेलेजेंस एवं सॉफ्ट कम्प्यूटिंग के तहत ऑप्टिमाइजेशन एवं स्वाम इंटेलेजेंस के बारे में बताया। इस मौके पर दोनों विभागों के सभी सदस्य मौजूद थे।

एमआईटीएस में शॉर्ट टर्म कोर्स ऑप्टोमाइजेशन मैथड है स्वार्म इंटेलेजेंस, छिपा है रियल लाइफ की समस्या का हल

पत्रिका PLUS रिपोर्ट

ग्वालियर • स्वार्म इंटेलेजेंस एक ऑप्टोमाइजेशन मैथड होता है, जिसकी मदद से रियल लाइफ की समस्या का हल किया जा सकता है। इससे ड्राइवर लेस कार, रोबोटिक्स आदि का समाधान निकालने में प्रभावी है। यह जानकारी डॉ. टीवी विजय और अरुण सिंह ने शॉर्ट टर्म कोर्स के दौरान दी। यह कार्यक्रम माधव इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड साइंस में आयोजित किया जा रहा है। इसमें शहर व बाहर से एक्सपर्ट पार्टिसिपेंट कर रहे हैं। **ऑप्टोमाइजेशन मैथड का यूज :** ट्रिपल आइटीएफ ग्वालियर के प्रो.



प्रशांत जैन ने मेटलैब की उपयोगिता रिसर्च एवं डेवलपमेंट के विषय पर जानकारी दी। इसी के साथ आईआईटी रुडकी के डॉ. पार्थ प्रतिम राय ने पेटर्न रिकग्निशन के विभिन्न उपयोगी आयामों के बारे में बताया। इस दौरान उन्होंने पार्टिसिपेंट्स के सवालों के जवाब भी दिए।

इंटेलेजेंस एवं सॉफ्ट कम्प्यूटिंग के अंतर्गत ऑप्टोमाइजेशन एवं स्वार्म इंटेलेजेंस के बारे में बताया। ट्रिपल आइटीएफ ग्वालियर के प्रो.

प्रशांत जैन ने मेटलैब की उपयोगिता रिसर्च एवं डेवलपमेंट के विषय पर जानकारी दी। इसी के साथ आईआईटी रुडकी के

डॉ. पार्थ प्रतिम राय ने पेटर्न रिकग्निशन के विभिन्न उपयोगी आयामों के बारे में बताया। इस दौरान उन्होंने पार्टिसिपेंट्स के सवालों के जवाब भी दिए।



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Chemical Engineering :

BLOOD DONATION CAMP

TRAFFIC AWARENESS PROGRAMME



सड़क सुरक्षा पर जागरूकता कार्यक्रम आयोजित

संस्थान में रविवार को राष्ट्रीय सेवा योजना की ओर से सड़क सुरक्षा को लेकर कार्यक्रम का आयोजन किया गया। इसमें यातायात पुलिस के प्रधान आरक्षक शशिकांत तिवारी ने छात्र-छात्राओं को यातायात सुरक्षा संबंधी जानकारी दी। साथ ही कहा कि दो-पहिया वाहन चलाते समय हेलमेट जरूर पहनें। साथ ही यातायात नियमों का पालन करें। इस अवसर पर राष्ट्रीय सेवा योजना के प्रभारी प्रो. मनीष सागर, प्रो. स्वाति गुप्ता सहित छात्र-छात्राएं मौजूद रहे।

सड़क दुर्घटना के शिकार सबसे अधिक युवा

ग्वालियर • ग्वालियर एमआईटीएस के राष्ट्रीय सेवा योजना के नेतृत्व में केमिकल द्वितीय वर्ष के विद्यार्थियों ने सड़क सुरक्षा के संबंध में एक कार्यक्रम का आयोजन किया। कार्यक्रम में शशिकांत तिवारी, प्रधान आरक्षक यातायात पुलिस मुख्य अतिथि के रूप में उपस्थित रहे। उन्होंने बताया कि किस तरह अधिकतर लोग बिना लाइसेंस के एवं लापरवाही से वाहन चलाते हैं एवं दुर्घटना का शिकार होते हैं। उन्होंने बताया कि यातायात सुरक्षा के अंतर्गत भारत में अनेक नियम कानून हैं, किंतु इन नियमों



में से हम किसी भी नियम का पालन मुश्किल से करते हैं। प्रत्येक वर्ष भारत में सड़क दुर्घटना से अत्यधिक हादसे होते हैं और कई घर सुने हो जाते हैं। इन हादसों में मरने वालों की संख्या में सबसे ज्यादा युवा ही होते हैं। इस अवसर पर राष्ट्रीय सेवा योजना के प्रभारी प्रो. मनीष सागर, प्रो. स्वाति गुप्ता मौजूद रहे।

आपकी सुरक्षा के लिए यातायात विभाग करता है चालान, जिससे सड़क पर चलें सभी सुरक्षित

ग्वालियर। नईदुनिया रिपोर्टर

माधव इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड साइंस में राष्ट्रीय सेवा योजना के नेतृत्व में केमिकल द्वितीय वर्ष के स्टूडेंट्स ने सड़क सुरक्षा के संबंध में कार्यक्रम आयोजित किया। कार्यक्रम में मुख्य अतिथि के रूप में यातायात पुलिस के प्रधान आरक्षक शशिकांत तिवारी उपस्थित थे। उन्होंने स्टूडेंट्स को यातायात सुरक्षा नियमों के विषय में जानकारी देते हुए कहा कि किस तरह अधिकतर लोग बिना लाइसेंस एवं लापरवाही से वाहन चलाते हैं, फिर दुर्घटना के शिकार होते हैं। उन्होंने बताया कि यातायात सुरक्षा के तहत भारत में अनेक नियम कानून हैं, किंतु



इन नियमों में से हम किसी भी नियम का पालन मुश्किल से करते हैं। हर वर्ष भारत के सड़क दुर्घटना से अत्यधिक हादसे होते हैं और कई घर सुने हो जाते हैं। इन हादसों में मरने वाली की संख्या में सबसे ज्यादा युवा ही होते हैं। देश भर में नाबालिग भी बिना लाइसेंस के बेफिक्र वाहन चलाते हैं एवं हादसे का शिकार

होते हैं। उन्होंने सभी स्टूडेंट्स को लाइसेंस का महत्व एवं यातायात सुरक्षा के संदर्भ में अनेक आवश्यक बातें बताईं और नियमों का पालन करने की सीख दी। यह आयोजन राष्ट्रीय सेवा योजना प्रभारी प्रो. मनीष सागर एवं प्रो. स्वाति गुप्ता के नेतृत्व में यातायात पर आधारित यह कार्यक्रम सफलतापूर्वक संपन्न हुआ।



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Poster Presentation

स्टूडेंट्स ने बताया-कैसे बनाएं बायो-डीजल फ्यूल

एमआईटीएस कॉलेज में पोस्टर प्रेजेंटेशन व कार्यशाला का आयोजन

ग्वालियर। नईदुनिया रिपोर्टर

शुक्रवार को एमआईटीएस कॉलेज में फूड ऑफ केमिकल इंजीनियरिंग के नाम से फरमाने जाने वाले जॉर्ज डेविस के नाम पर एक टिक्कीय पोस्टर प्रेजेंटेशन व कार्यशाला का आयोजन किया गया। इस कार्यशाला में केमिकल विभाग के 35 स्टूडेंट्स ने भागीदारी की। उनके द्वारा संबंधित विषय पर पोस्टर तैयार किए गए। इस दौरान टीचर्स और एक्सपर्ट्स द्वारा भी स्टूडेंट्स को यह जानकारी दी गई



कि पोस्टर किस तरह से तैयार किए जाते हैं और उनमें क्या कंटेन्ट होना चाहिए। किस तरह एक पोस्टर में अधिक से अधिक जानकारियां दी जा सकती

हैं। इस दौरान मॉडरन मिश्रा, मिलन श्रौचालव, नितिन शर्मा, कपिल शर्मा, अमन गुप्ता सहित अन्य कई स्टूडेंट्स ने अपने पोस्टर तैयार किए।

डॉ. अशोक मिश्रा होंगे।

पोस्टर में दी इन विषयों की जानकारी

राख : राख को यथा सम्भारित उष्ण व रक्षित संचय का प्रमुख अपशिष्ट है। इसका निष्कासन आवश्यक है। कोयले से प्राप्त हुई राख में अत्यधिक मात्रा में सिलिका (40-60 प्रतिशत) एवं प्ल्यूमना (20-30 प्रतिशत) पाया जाता है।
वेस्ट कुटिंग ऑक्सल रोचमो-डीजल फ्यूल बनना: इसके लिए सबसे पहले किसी दुकान से वेस्ट कुटिंग अत्र लें। इसके बाद उसे कुछट्टे र तक गर्म किया जाता है, ताकि वह लिक्विड फॉर्म में आ सके। फिर उसे सेपरेटिंग फनेल में रखें, ताकि उसकी गंदगी अलग हो सके।

Architecture :

STUDENTS PROGRESSION through sketching urban scenario

1. Urban sketchers

Urbansketchers Gwalior was founded by Ac. Ashish Chaudhary, an MITS alumni from architecture department in 2016. The group aimed to gather people in the enjoying activity, that sketching is and also to take the participants to prominent and hidden heritage sites around town.

The group organizes sketching every Sunday, with their library a collection of nearly 1000 sketches, some very professional perspective. The group has also collaborated with other colleges and heritage awareness organizations like Sarapada.

Other participants are -
 Aditya Sharma, Varun Chandra, Anam, Vikram, Sudhi, Sahil, Ashish, Rohan, Gaurav, Rishi.

Department of Architecture and Planning





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STUDENTS PROGRESSION

2. Creative Architects



There are various hands on activities, organized in the department, that involve creative and scientific efforts relating to building sciences and arts. These activities happen under the umbrella of 'Department workshop' and 'Creative architects club'. These are organized under the guidance of our faculties.



These activities involve, making public sitting from litter to no investment, city modelling, workshops by experts, mural making, wall painting etc.



DEPARTMENT OF ARCHITECTURE AND PLANNING

250 घुंघरू बांध किया कथक, दिखाया शिव-पार्वती और राधा-कृष्ण का प्रसंग

स्विक्रम मेके के तहत एमआईटीएस में प्रसिद्ध नृत्यांगना सितारा देवी के पौत्र विशाल कृष्णा ने दी प्रस्तुति

विद्युत विवेकर | ग्वालियर

कथक में कम से कम 100 और अधिक से अधिक 300 घुंघरू पैरों में बांधकर प्रस्तुति दी जाती है। मैं आपके सामने पैरों में 250 घुंघरू बांधकर प्रस्तुति दूंगा और इनका वजन करीब 4 किलो है। 3.5 साल की उम्र से ही मुझे दादी ने कथक की शिक्षा देने की शुरुआत कर दी थी और 6 साल की उम्र में पहली प्रस्तुति देने का मौका मिला। इसके साथ ही प्रसिद्ध नृत्यांगना सितारा देवी के पौत्र विशाल कृष्णा ने कथक की शुरुआत की। सबसे पहले अर्द्ध-नारीश्वर भगवान शिव और पार्वती के बारे में दिखाया गया। कार्यक्रम का आयोजन स्विक्रम मेके की ओर से एमआईटीएस में हुआ। कार्यक्रम के दौरान उन्होंने पहले छात्र-छात्राओं की जिज्ञासाओं का समाधान किया।

राधा-कृष्ण की अठखेलियां

उन्होंने राधा-कृष्ण का प्रसंग प्रस्तुत किया। इसमें दिखाया कि राधा जब में मोर को देखने के लिए लालायित होती है, लेकिन कहीं भी मोर नजर नहीं आया। सभी श्रीकृष्ण बाल सखाओं के साथ वहां आते हैं। राधा सोचती है कि काश उन्हें मोर देखने को मिल जाता। उनके मन की बात कृष्ण जान लेते हैं और वह खुद ही मोर बनकर उनके सामने आ जाते हैं।

तराना से किया समापन

कथक डॉक्टर विशाल ने कार्यक्रम के अंत में अमीर खुसरो के तराना की प्रस्तुति की। इस प्रस्तुति की ख्याल बात यह थी कि इसमें उन्होंने अपने घराने की गजाकरत को बखूबी पेश किया। समापन अवसर पर उन्होंने कथक कि बचपन में उनकी दादी की उम्माहिसा की राजह से यह इस क्षेत्र में आगे बढ़ सके।



city भास्कर

3 महीने की केस स्टडी, लोगों की समस्या को समझा और मॉडल के जरिए किया समाधान

सुपरआईटीएस में सुपरवाइजर के तौर पर कार्यरत हैं। 4.5 वर्षों से कथक की शुरुआत की।

College Event

अपने ही कथक को बढ़ावा देने के लिए 3 दिनों का कार्यक्रम किया गया। इस दौरान लोगों की समस्याओं को समझा और मॉडल के जरिए समाधान प्रस्तुत किया गया।

महोदय परमेश्वर को उन्को

सुपरवाइजर के तौर पर कार्यरत हैं। 4.5 वर्षों से कथक की शुरुआत की।



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STUDENTS PROGRESSION

Student Achievers



DEPARTMENT OF ARCHITECTURE AND PLANNING

1

Student Achievers



DEPARTMENT OF ARCHITECTURE AND PLANNING



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STUDENTS PROGRESSION

Student Achievers



DEPARTMENT OF ARCHITECTURE AND PLANNING

STUDENTS PROGRESSION

Student Achievers



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41. ANY OTHER ACHIEVEMENT OF FACULTY/ STAFF /STUDENTS

Mechanical Engineering :

1. **Prof. Vedansh Chaturvedi**, Received the Elite Certificate for the SWAYAM/NPTEL course name 'Introduction to Abrasive Machining and Finishing Processes'.
2. **Prof. Amit Soni**, Received the Elite Certificate for the SWAYAM/NPTEL course name 'Engineering Metrology'.

Electrical Engineering :

1. **Prof. Praveen Bansal**, Assistant Professor in Electrical Engineering department received an award from IIT Kanpur for Instrumental role as SPOC for securing 25th Rank of the Institute among 2200+ local chapters across country.
2. **Prof. Praveen Bansal**, Assistant Professor in department successfully completed Ph.D. course in Delhi Technological University with CGPA of 9.11 (Topped in the Institute)
3. **Mrs. Muskan Gupta**, student of BE IInd Year secured (Topper of 2%) Gold+Topper in NPTEL online course "Fundamentals of Electrical Engineering"

Applied Sciences :

1. **Prof Deobrat Singh**, Editorial Board Member of *American Journal of Modern Physics*, USA.

Summary of Value Added Courses (January- April 2019)

S. No.	Name of the course	Department	Name of Faculty	Total Registrations	Amount Received
1.	Android App Development	CSE & IT	Prof. Modigari Naren	10	10000
2.	Programming with Python	CSE & IT	Prof. Ram Parvesh	10	10000
3.	C++ Programming	CSE & IT	Prof. Sheo Kumar	17	17000
4.	Nano Technology For Engineering Application	Chemical Engineering	Prof. Sachin R Geed	09	13500
5.	Life Skill for Engineer	Biotech	Prof. Vishal Kumar Ranjan	04	2000
6.	Discover Creativity for Engineer	Biotech	Prof. Vishal Kumar Ranjan	09	4500
7.	MATLAB for Engineers	Electrical Engineering	Prof. Vishal Chaudhary	13	18000
				TOTAL	Rs.75000



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Report on Students Performance in NPTEL Courses Run During July- Oct 2018

Total No. of students Registered	No. of students appeared in exam	No. of students qualified exam					No. of courses run during the semester
		Gold certificate	Elite certificate	Successfully completed	No of toppers in various courses	Total students qualified exam	
2021	452	10	187	215	27	412	47

Details of Students Registered in NPTEL Courses during July-Dec. 2018

Name of the Department	Semester	Name of the Course	No. of Student Registered
CSE & IT	B.Tech. II Year	Programming in C++	177
	B.E. III Year	Data Base Management System	205
	M.Tech. II Year	Introduction to Machine Learning	31
Mechanical Engineering	B.E. III Year	Engineering Metrology/Ecology and Environment	133
	B.Tech. II Year	Law of Thermodynamics/Design Practice-II	112
	M.Tech.	Introduction to Abrasive Machining and Finishing Processes	11
		Design Practice-II	12
Automobile	B.Tech. II Year	Law of Thermodynamics	53
	B.E. III Year	Smart Material & Intelligent System Design/ Experimental Stress Analysis-An Overview	57
Civil Engineering	B.Tech. II year	Concrete Technology	118
	B.E. III year	Integrated Waste Management for Smart City	129
Chemical Engineering	B.Tech. II Year	Ecology & Environment	48
	B.E. III Year	Heat Exchangers: Fundamentals and Design Analysis	44
	M.Tech.	Optimization in Chemical Engg	04
Biotechnology	B.E. II Year	Introduction to Biostatistics	04
	B.E. III Year	Functional Genomics	10
Electrical Engineering	B.Tech. II Year	Fundamentals of Electrical Engineering	267



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	B.E. III Year		
	M.Tech.	Introduction to Smart Grid	
Electronics Engineering and Electronics & Telecommunication	B.E. III Year	Control Engineering	160
	B.Tech. II Year Electronics & Telecommunication	Digital Circuits And System	179
		Analog Circuit Design	12
		Advanced Linear Continuous Control Systems	25
	M.Tech.	Principles of Digital Communications	21
Control System Design		22	
Architecture	B.Arch. II Year	Contemporary Architecture And Design	35
	B.Arch. III Year	Ecology And Environment	38
	B.Arch. IV Year	Principles Of Construction Management	30
	MUP I Year	Water Society And Sustainability	15
	MUP II Year	Ecology And Environment	16
MCA		Programming In C++	53
Total			2021

List of Toppers in Various NPTEL Courses

S. No.	Course Name	Name	Department	Final Score	Certificate Type	Topper
1.	Concrete Technology	Saurabh Kumar Pathak	Civil Engineering	75	Elite	Topper of 2% in this course
		Vishal Savita	Civil Engineering	77	Elite	Topper of 1% in this course
		Sourav Jaiswal	Civil Engineering	69	Elite	Topper of 5% in this course
2.	Integrated Waste Management for a Smart City	Aditi Prasad	Civil Engineering	80	Elite	Topper of 5% in this course
		Farman Khan	Civil Engineering	85	Elite	Topper of 2% in this course
3.	Programming in C++	Rohit Kushwah	Computer Science and Engineering	88	Elite	Topper of 2% in this course
		Harsh Saxena	Computer Science and Engineering	82	Elite	Topper of 5% in this course
		Vikas Rajpoot	Computer Science and Engineering	83	Elite	Topper of 5% in this course
4.	Programming, Data Structures and Algorithms using Python	Stuti Singhal	Computer Science and Engineering	83	Elite	Topper of 5% in this course
5.	Data Base Management	Swati Upadhyay	Computer Science and Engineering	89	Elite	Topper of 2% in this course



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	Systems	Srishti Goyal	Computer Science and Engineering	89	Elite	Topper of 2% in this course
		Himanshi Vardhani	Computer Science and Engineering	86	Elite	Topper of 5% in this course
		Aman Agrawal	Information Technology	87	Elite	Topper of 5% in this course
		Pavan Singhal	Computer Science and Engineering	85	Elite	Topper of 5% in this course
		Dipan Nanda	Information Technology	84	Elite	Topper of 5% in this course
		Vivek Jain	Information Technology	88	Elite	Topper of 5% in this course
		Himanshu Mishra	Computer Science and Engineering	89	Elite	Topper of 2% in this course
6.	Fundamentals of Electrical Engineering	Vikrant Singh Tomar	Electrical Engineering	86	Elite	Topper of 5% in this course
		Dev Gupta	Electrical Engineering	88	Elite	Topper of 5% in this course
7.	Control Engineering	Mohammad Faizaan Qureshi	Electronics and Communication Engineering	82	Elite	Topper of 2% in this course
		Surbhi Gupta	Electronics Engineering	76	Elite	Topper of 5% in this course
		Rishi Gupta	Electronics Engineering	83	Elite	Topper of 2% in this course
		Nishank Mudgal	Electronics and Communication Engineering	82	Elite	Topper of 2% in this course
8.	Ecology and Environment	Garima Sharma	Others	78	Elite	Topper of 2% in this course
9.	Laws of Thermodynamics	Prateek Arora	Mechanical Engineering	82	Elite	Topper of 5% in this course
10.	Engineering Metrology	Adarsh Kumar Kuiya	Mechanical Engineering	87	Elite	Topper of 5% in this course
		Atul Kumar	Mechanical Engineering	87	Elite	Topper of 5% in this course

List of Gold Certificate Achievers

S. No.	Course Name	Name	Department	Final Score	Certificate Type	Topper
1.	Programming in C++	Harsh Chaudhary	Computer Science and Engineering	90	Elite+gold	Topper of 1% in this course
2.	Data Base Management Systems	Sarthak Somani	Computer Science and Engineering	94	Elite+gold	Topper of 1% in this course
		Sapan Jain	Computer Science and Engineering	91	Elite+gold	Topper of 1% in this course
		Utkarsh Maheshwari	Information Technology	91	Elite+gold	Topper of 1% in this course
		Shivam Garg	Computer Science and Engineering	90	Elite+gold	Topper of 2% in this course
3.	Fundamentals of Electrical	Muskan Gupta	Electrical Engineering	90	Elite+gold	Topper of 2% in this course



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	Engineering					
4.	Laws of Thermodynamics	Aman Singh Parihar	Mechanical Engineering	92	Elite+gold	Topper of 1% in this course
5.	Engineering Metrology	Aditya Mishra	Mechanical Engineering	99	Elite+gold	Topper of 1% in this course
		Ashi Gupta	Mechanical Engineering	90	Elite+gold	Topper of 2% in this course
		Anoop Pathak	Mechanical Engineering	90	Elite+gold	Topper of 2% in this course

List of Elite Certificate Achievers

S. No.	Course Name	Name	Department	Final Score	Certificate Type
1.	Culturally Responsive Built Environments	Rajeev Parashar	Architecture	69	Elite
2.	Concrete Technology	Chirag Vijayvargiya	Civil Engineering	61	Elite
		Saurabh Kumar Pathak	Civil Engineering	75	Elite
		Vishal Savita	Civil Engineering	77	Elite
		Sourav Jaiswal	Civil Engineering	69	Elite
3.	Integrated Waste Management for a Smart City	Aditi Prasad	Civil Engineering	80	Elite
		Farman Khan	Civil Engineering	85	Elite
4.	Programming in C++	Bhupendra Singh Yadav	Computer Science and Engineering	60	Elite
		Nitesh Dewada	Computer Science and Engineering	81	Elite
		Akarsh Modi	Computer Science and Engineering	68	Elite
		Krati Saxena	Computer Science and Engineering	79	Elite
		Anuj Pratap Singh Tomar	Computer Science and Engineering	81	Elite
		Antra Sinha	Computer Science and Engineering	63	Elite
		Niharika Poddar	Computer Science and Engineering	77	Elite
		Aman Izardar	Computer Science and Engineering	68	Elite
		Siddhant Shahare	Computer Science and Engineering	64	Elite
		Giriraj Soni	Computer Science and Engineering	63	Elite
		Kunal Sihare	Computer Science and Engineering	78	Elite
Rohit Kushwah	Computer Science and Engineering	88	Elite		



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		Harsh Saxena	Computer Science and Engineering	82	Elite
		Ayush Rajput	Computer Science and Engineering	77	Elite
		Akshat Gupta	Computer Science and Engineering	66	Elite
		Aman Singh	Computer Science and Engineering	70	Elite
		Anmol Maheshwari	Computer Science and Engineering	70	Elite
		Aman Singh	Information Technology	66	Elite
		Kanak Goyal	Computer Science and Engineering	66	Elite
		Prashant Chaturvedi	Computer Science and Engineering	65	Elite
		Neetesh Koli	Computer Science and Engineering	61	Elite
		Ayush Mittal	Computer Science and Engineering	81	Elite
		Vikas Rajpoot	Computer Science and Engineering	83	Elite
		Tushar Goyal	Computer Science and Engineering	69	Elite
		Nihal Sihare	Information Technology	60	Elite
		Rohini Litoriya	Computer Science and Engineering	76	Elite
		Anamika	Computer Science and Engineering	62	Elite
		Rishabh Gupta	Information Technology	81	Elite
		Shiva Kanyal	Information Technology	74	Elite
		Trishal Arora	Computer Science and Engineering	61	Elite
		Khushboo Shivhare	Computer Science and Engineering	67	Elite
		Utkarsh Chouksay	Information Technology	69	Elite
5.	Programming, Data Structures and Algorithms using Python	Stuti Singhal	Computer Science and Engineering	83	Elite
6.	The Joy of Computing using Python	Shubham Sharma	Information Technology	85	Elite
7.	Data Base Management Systems	Sameeksha Saboo	Information Technology	82	Elite
		Pratul Gupta	Information Technology	68	Elite
		Mahak Jain	Computer Science and Engineering	83	Elite
		Pranshu Garg	Information Technology	79	Elite
		Rajat Gupta	Information Technology	82	Elite
		Swati Upadhyay	Computer Science and Engineering	89	Elite



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		Ravi Kumar Patidar	Information Technology	77	Elite
		Harshit Sharma	Computer Science and Engineering	83	Elite
		Milan Kulshrestha	Computer Science and Engineering	65	Elite
		Srishti Goyal	Computer Science and Engineering	89	Elite
		Shubhi Singhal	Information Technology	79	Elite
		Himanshi Vardhani	Computer Science and Engineering	86	Elite
		Himani Vardhani	Computer Science and Engineering	81	Elite
		Harshita Gupta	Computer Science and Engineering	80	Elite
		Satendra Yadav	Computer Science and Engineering	67	Elite
		Sarthak Pandey	Computer Science and Engineering	70	Elite
		Neha Bansal	Computer Science and Engineering	81	Elite
		Anjali Priya	Computer Science and Engineering	70	Elite
		Seemila Khan	Computer Science and Engineering	76	Elite
		Aman Agrawal	Information Technology	87	Elite
		Shivangi Goyal	Information Technology	70	Elite
		Pavan Singhal	Computer Science and Engineering	85	Elite
		Dipan Nanda	Information Technology	84	Elite
		Nikhil Ram	Information Technology	83	Elite
		Vicky Dhakar	Information Technology	62	Elite
		Vivek Jain	Information Technology	88	Elite
		Muskan Bandil	Information Technology	64	Elite
		Himanshu Mishra	Computer Science and Engineering	89	Elite
		Shivani Mittal	Information Technology	67	Elite
		Naman Sharma	Computer Science and Engineering	77	Elite
8.	Introduction to Machine Learning	Prasoon Purwar	Information Technology	60	Elite
		Vaibhav Kumar Dubey	Computer Science and Engineering	60	Elite
		Shubham Sharma	Computer Science and Engineering	60	Elite
		Rupali Patel	Computer Science and Engineering	61	Elite
9.	Deep Learning	Bhoomeendra Singh Sisodiya	Computer Science and Engineering	84	Elite



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10.	Introduction to R Software	Stuti Singhal	Computer Science and Engineering	88	Elite
11.	Discrete Mathematics	Anubhav Gupta	Computer Science and Engineering	81	Elite
12.	Fundamentals of Electrical Engineering	Trapti Mishra	Electrical Engineering	66	Elite
		Dakshata Nagar	Electrical Engineering	64	Elite
		Vikrant Singh Tomar	Electrical Engineering	86	Elite
		Dev Gupta	Electrical Engineering	88	Elite
		Shivani Soni	Electrical Engineering	70	Elite
		Satyam Yadav	Electrical Engineering	64	Elite
		Vikas Rishishwar	Electrical Engineering	76	Elite
		Anshika Shrivastava	Electrical Engineering	82	Elite
		Tarun Kumar Jha	Electrical Engineering	65	Elite
		Jatin	Electrical Engineering	74	Elite
		Anshu Sahu	Electrical Engineering	64	Elite
		Aman Saxena	Electrical Engineering	61	Elite
		Prantik Sarkar	Electrical Engineering	65	Elite
		Mahendra Singh Sisodiya	Electrical Engineering	60	Elite
		Shivani Yadav	Electrical Engineering	67	Elite
		Prajawal Singh Tomar	Electrical Engineering	77	Elite
		Aashita Saxena	Electrical Engineering	72	Elite
		Vikas Vishwakarma	Electrical Engineering	68	Elite
		Amit Kumar Jaiswal	Electrical Engineering	73	Elite
		Shivani Sharma	Electrical Engineering	70	Elite
Nitish Shah	Electrical Engineering	61	Elite		
Gaurav Pandey	Electrical Engineering	60	Elite		
Abhishek Pratap Singh	Electrical Engineering	69	Elite		
13.	Power System Analysis	Amit Kumar Jaiswal	Electrical Engineering	61	Elite
14.	Control Engineering	Mohammad Faizaan Qureshi	Electronics and Communication Engineering	82	Elite
		Ritu Srivastava		60	Elite
		Surbhi Gupta	Electronics Engineering	76	Elite



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		Rishi Gupta	Electronics Engineering	83	Elite
		Ruchi Singh	Electronics Engineering	70	Elite
		Shivangi Goyal	Electronics and Communication Engineering	67	Elite
		Shubham Yadav	Electronics Engineering	67	Elite
		Yash Shivhare	Electronics and Communication Engineering	74	Elite
		Udit Kumar Gupta	Electronics Engineering	71	Elite
		Nishank Mudgal	Electronics and Communication Engineering	82	Elite
		Ravi Yadav	Electronics and Communication Engineering	63	Elite
		Nikita Singh Tomar	Electronics and Communication Engineering	68	Elite
		Sneha Tiwari	Electronics and Communication Engineering	61	Elite
15.	Microwave Theory and Techniques	Anshul Agarwal	Electronics and Communication Engineering	80	Elite
		Deep Kishore Parsediya	Electronics and Communication Engineering	61	Elite
16.	Digital Circuits	Konark	Electronics Engineering	60	Elite
		Yashank Agrawal	Electronics Engineering	68	Elite
		Priyanshi Parauha	Electronics and Communication Engineering	80	Elite
		Jhanvi Malhotra	Electronics and Communication Engineering	72	Elite
		Aditi Tomar	Electronics and Communication Engineering	69	Elite
		Harshita Tiwary	Electronics and Communication Engineering	64	Elite
		Himanshi Bhargava	Electronics Engineering	67	Elite
		Maruth Jain	Electronics and Communication Engineering	63	Elite
		Saloni Singh	Electronics and Communication Engineering	60	Elite
		Gautam Ankit Singh	Electronics and Communication Engineering	81	Elite
		Rishabh Sisodiya	Electronics Engineering	79	Elite
		Soumya Shrivastava	Electronics and Communication Engineering	75	Elite
		Sameer Nigam	Electronics and Communication Engineering	77	Elite
		Somya Patel	Electronics Engineering	60	Elite
17.	Ecology and Environment	Adarsh Gupta	Chemical Engineering	72	Elite
		Shilpita Sinha	Chemical Engineering	71	Elite
		Naini Rai	Chemical Engineering	67	Elite



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		Purva Namdeo	Architecture	64	Elite
		Rachit Kumar Pamnani	Others	62	Elite
		Prathmesh Chourey	Others	60	Elite
		Aatmika Rathore	Architecture	65	Elite
		Garima Sharma	Others	78	Elite
		Suhas Wasudeorao Choudhari	Others	61	Elite
18.	Developing Soft Skills and Personality	Rajneesh Kumar Patel	Mechanical Engineering	80	Elite
19.	Laws of Thermodynamics	Aditya Gupta	Mechanical Engineering	75	Elite
		Arpit Bansal	Mechanical Engineering	69	Elite
		Mohit Chandel	Mechanical Engineering	69	Elite
		Parag Maheshwari	Mechanical Engineering	72	Elite
		Nilaya Singh	Mechanical Engineering	60	Elite
		Shivansh Chauriha	Mechanical Engineering	69	Elite
		Ashish Kumar Patel	Mechanical Engineering	76	Elite
		Mayank Kumar	Mechanical Engineering	62	Elite
		Harshit Gupta	Mechanical Engineering	72	Elite
		Abhishek Srivastava	Mechanical Engineering	75	Elite
		Sanya Jain	Mechanical Engineering	65	Elite
		Devesh Agrawal	Mechanical Engineering	66	Elite
		Shivank Namdeo	Mechanical Engineering	81	Elite
		Prateek Arora	Mechanical Engineering	82	Elite
		Jatin Jain	Mechanical Engineering	74	Elite
		Sameer Verma	Automobile Engineering	64	Elite
		Adarsh Tripathi	Mechanical Engineering	62	Elite
Pranay Jain	Mechanical Engineering	62	Elite		
Sapranshu Agrawal	Mechanical Engineering	60	Elite		
Shashank Jain	Mechanical Engineering	61	Elite		
Mayank Agrawal	Mechanical Engineering	72	Elite		
		Rohit Jayant	Mechanical Engineering	66	Elite



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		Prayas Singh Bhadauria	Mechanical Engineering	78	Elite
		Aditi Chourey	Mechanical Engineering	60	Elite
		Prabhav Agrawal	Mechanical Engineering	77	Elite
		Prashant Singh Chouhan	Mechanical Engineering	76	Elite
		Vikash Kumar Pandey	Mechanical Engineering	77	Elite
		Rohit Sharma	Mechanical Engineering	66	Elite
		Sahdev Mishra	Mechanical Engineering	74	Elite
20.	Fundamentals of manufacturing processes	Yogesh Yadav	Automobile Engineering	70	Elite
21.	Engineering Metrology	Ayush Jain	Mechanical Engineering	85	Elite
		Himanshu Patel	Mechanical Engineering	82	Elite
		Adarsh Kumar Kuiya	Mechanical Engineering	87	Elite
		Garima Gautam	Mechanical Engineering	79	Elite
		Varnika Saxena	Mechanical Engineering	78	Elite
		Prachi Soni	Mechanical Engineering	66	Elite
		Vinay Raikwar	Mechanical Engineering	81	Elite
		Shivani Patel	Mechanical Engineering	77	Elite
		Nitin Tantuway	Mechanical Engineering	79	Elite
		Rajneesh Kumar Patel	Mechanical Engineering	77	Elite
		Shiv Shankar Kushwaha	Mechanical Engineering	85	Elite
		Sandeep Singram	Mechanical Engineering	68	Elite
		Atul Kumar	Mechanical Engineering	87	Elite
		Dipanshu Gupta	Mechanical Engineering	84	Elite
Ashish Kushwaha	Mechanical Engineering	72	Elite		
22.	Leadership	Anvesh Gupta	Electronics and Communication Engineering	76	Elite



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Report on Students Performance in NPTEL Courses Run During (Jan- April 2019)

Total No. of Registrations	No. of Students Appeared in Exam	No. of Courses in which Registration are Made	No. of students qualified exam					
			Elite + Gold Certificate	Elite + Silver Certificate	Elite Certificate	Successfully Completed	No. of Toppers in Various Courses	Total Students Qualified Exam
3380 by 2006 students	337	246	25	51	82	130	26	288

Report on Performance of Faculty Members SWAYAM/NPTEL Courses During (Jan- April 2019)

Total No. of Courses Registered	Total No. of Faculty Registered in NPTEL Courses	No. of Registrations made by Faculty Members in Exam	No. of faculty members qualified exam						
			Elite + Gold Certificate	Elite + Silver Certificate	Elite Certificate	Successfully Completed	Total No. of Faculty Qualified Exam	No. of Toppers in Various Courses	No. of Faculty Members Completed FDP Courses
164	181	66	06	14	19	23	62	02	20 till date

List of Gold Medallist Students in Various NPTEL Courses (Jan- April 2019)

S. No.	Course Name	Name	Department	Final Score	Certificate Type	Topper
1.	Programming in Java	Giriraj Soni	Computer Science and Engineering	97	Elite+gold	Topper of 2% in this course
		Anurag Singh Yadav	Computer Science and Engineering	90	Elite+gold	----
		Surya Dev Chaturvedi	Computer Science and Engineering	95	Elite+gold	Topper of 5% in this course



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		Akarsh Modi	Computer Science and Engineering	92	Elite+gold	----
		Parul Jain	Computer Science and Engineering	94	Elite+gold	----
		Anuj Pratap Singh Tomar	Computer Science and Engineering	92	Elite+gold	----
2.	Joy of computing using Python	Sourabh Tiwari	Computer Science and Engineering	95	Elite+gold	Topper of 1% in this course
3.	Electrical Machines - II	Vikrant Singh Tomar	Electrical Engineering	91	Elite+gold	Topper of 5% in this course
4.	Introduction to Automata, Languages and Computation	Shivangi Sanvaliya	Computer Science and Engineering	91	Elite+gold	Topper of 5% in this course
		Shrishti Soni	Computer Science and Engineering	94	Elite+gold	Topper of 2% in this course
5.	Conduction and Convection Heat Transfer	Anoop Pathak	Mechanical Engineering	93	Elite+gold	----
		Uddeshya Bhargav	Mechanical Engineering	90	Elite+gold	----
		Aditya Mishra	Mechanical Engineering	91	Elite+gold	----
6.	Electronic Waste Management - Issues And Challenges	Ashish Sharma	Computer Science and Engineering	93	Elite+gold	Topper of 5% in this course
		Sudhanshu Tripathi	Computer Science and Engineering	94	Elite+gold	Topper of 5% in this course
		Swati Singh	Computer Science and Engineering	95	Elite+gold	Topper of 5% in this course
		Sanjeev Mishra	Computer Science and Engineering	92	Elite+gold	----
		Aditi Prasad	Computer Science and Engineering	91	Elite+gold	----
		Kunal Abhishek	Computer Science and Engineering	92	Elite+gold	----
		Aditya Patel	Computer Science and Engineering	92	Elite+gold	----
7.	Embedded System Design with ARM	Nishank Mudgal	Electrical Engineering	91	Elite+gold	Topper of 5% in this course
8.	Analog Circuits	Rishi Gupta	Computer Science and Engineering	90	Elite+gold	Topper of 5% in this course
		Ashwin Chalisgaonkar	Computer Science and Engineering	90	Elite+gold	Topper of 5% in this course
		Mohammad Faizaan Qureshi	Mechanical Engineering	93	Elite+gold	Topper of 5% in this course
		Nishank Mudgal	Mechanical Engineering	94	Elite+gold	Topper of 5% in this course



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List of Gold Medallist Faculty Members in Various NPTEL Courses (Jan-April 2019)

S. No.	Course Name	Name	Department	Final Score	Certificate Type	Topper
1.	Electronic Waste Management - Issues And Challenges	Nupur Verma	Civil Engineering	91	Elite+gold	---
2.	Introduction to Internet of Things	Juhi Pruthi	Computer Science and Engineering	98	Elite+gold	----
		Pooja Agrawal	Computer Science and Engineering	95	Elite+gold	---
3.	Principles of Signals and Systems	Awadhesh Gupta	Electronics Engineering	98	Elite+gold	Topper of 1% in this course
4.	Microprocessors and Microcontrollers	Aruna Chouhan	Electronics Engineering	90	Elite+gold	Topper of 1% in this course
5.	Introduction to Automata, Languages and Computation	Julie Kumari	Computer Science and Engineering	91	Elite+gold	Topper of 5% in this course
		Namrata Agrawal	Information Technology	93	Elite+gold	Topper of 5% in this course
6.	Basics of Finite Element Analysis - I	Jyoti Vimal	Mechanical Engineering	93	Elite+gold	Topper of 2% in this course

STUDENT PARTICIPATION IN NPTEL CERTIFICATION COURSES

Electrical Engineering

S. No.	Name of Student	Course Title	Duration of Course
1	Akanksha Rajput Vikas Rishishwar Nisha kumari sondhiya Arun Kumre Nitish Shah Aman Saxena Gaurav Pandey Nivesh Matta Aman Rathore	Fundamental of Electrical Engineering	12 Week



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Muskan Gupta Abhinav Singh Tomar Adarsha Sharma Vikas Vishwakarma Dev Gupta Nitin Raghuwanshi Rishabh Sharma Tarun Kumar Jha Krishanpal Singh Raghuwanshi Sunil Patel Aashita Saxena Neelesh Singh Abhishek Singh Shivani Soni Prajawal Singh Tomar Tanya Mahato Abhishek Pratap Singh Sarvendra Singh Rajawat Lakshya Deva Aman Kashyap Tejas Meshram Mahendra Singh Sisodiya Shivani Yadav Shyam Dongre Prachi Pateriya Shivani Sharma Aashi Gupta Manendra Lodhi Sunil Patel Murli Gupta Shrit Jain Arun Kumre Arun Pradeep Patel Anshika Shrivastav		
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	Ravi Parmar Anvesh Tomar Kritika Kohli Amit Katare Aman Agrawal Shailendra Singh Trapti		
2.	Amit Kumar Jaiswal Tarun Kumar Jha	Power System Analysis	
3.	Trapti Mishra Siddhant Pathak	Basic Electrical Engineering	
4.	Praveen Kumar	Control Engineering	

To appraise about the participation of faculty in ARPIT Certificate Courses during Feb- May 2019

Ministry of Human Resource Development [MHRD], Govt. of India, New Delhi, had launched Annual **Refresher Programme in Teaching** (ARPIT) on 13th November, a major and unique initiative towards online professional development of 1.5 million higher education faculty using the MOOCs platform SWAYAM. ARPIT is one such initiative which aims to enhance the professional skills of faculty by way of online courses in various disciplines developed by the domain experts. These kinds of ARPIT online courses which will be helpful not only for keeping themselves abreast of latest development in their disciplines but also for aiding them in their career progression.

Almost all Faculty members of MITS, had enrolled for **Annual Refresher Online Course** already available on SWAYAM Portal i.e. **Fundamentals of Outcome-based Curriculum in Engineering Education**. Total 15 faculty members were registered for proctored exam of ARPIT course and out of 15 faculty, following 12 faculty members have qualified (marks >50%) the certificate course:

S. No	Name of faculty member	Department
1.	Dr. Pratesh Jayaswal	Mechanical Engineering
2.	Dr. Sulochana Wadhvani	Electrical Engineering
3.	Prof. Vijay Bhuria	Electrical Engineering
4.	Dr. P. K. Singhal	Electronics Engineering
5.	Dr. Bimal Garg	Electronics Engineering
6.	Dr. Laxmi Shrivastava	Electronics Engineering



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7.	Dr. Vandana Vikas Thakre	Electronics Engineering
8.	Dr. Karuna Markam	Electronics Engineering
9.	Prof. Deep Kishore Parsediya	Electronics Engineering
10.	Prof. Pooja Sahu	Electronics Engineering
11.	Prof. Punit K. Johari	Computer Science & Engineering
12.	Prof. Hemlata Arya	Computer Science & Engineering
13.	Prof. Parul Saxena	Computer Applications
14.	Dr. Sunita Sharma	Biotechnology
15.	Dr. Anjali Shalke patil	Architecture

Qualified for Certificate			
S. No	Name of the faculty member	Department	Score
1.	Dr. Sulochana Wadhwani	Electrical Engineering	86
2.	Dr. P. K. Singhal	Electronics Engineering	71
3.	Dr. Pratesh Jayaswal	Mechanical Engineering	69
4.	Dr. Laxmi Shrivastava	Electronics Engineering	63
5.	Dr. Vandana Vikas Thakre	Electronics Engineering	77
6.	Dr. Karuna Markam	Electronics Engineering	61
7.	Prof. Deep Kishore Parsediya	Electronics Engineering	61
8.	Prof. Pooja Sahu	Electronics Engineering	63
9.	Dr. Sunita Sharma	Biotechnology	76
10.	Dr. Anjali Shalke patil	Architecture	76
11.	Prof. Parul Saxena	Computer Applications	60
12.	Prof. Punit K. Johari	Computer Science & Engineering	55
Not Qualified for Certificate			
1.	Dr. Bimal Garg	Electronics Engineering	45
2.	Prof. Vijay Bhuria	Electrical Engineering	37
3.	Prof. Hemlata Arya	Computer Science & Engineering	30



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INTERNSHIP MODULES

Module Number	Module faculty coordinator	Module Name	Feedback Index	No. of Students
Faculty coordinator : Electrical Engineering department : Prof.RakeshNarvey & Prof.Himmat Singh				
1.	Prof. Nipun Gupta Prof. Tarun Shrivastava	Designing and modeling of Electrical Components	4.3	39
2.	Prof. G K Naveen Kumar Prof. Shailendra Pratap Singh	Designing and modeling of Electronics Components	3.8	14
3.	Prof.Punjan Dohare Prof. Rahul Sagwal	Introduction to MATLAB programming for Engineering applications	4.1	20
4.	Prof.Aprajita Kumari Prof. Shweta Kumari	Electricity usage for Domestic and Industrial application	4.0	10
5.	Dr. Vikram Prof. Bhavna Rathore	Hands on Training on Signal/ Image Processing Toolbox in MATLAB	4.6	10
6.	Prof. Saurabh K. Rajput Prof. Manoj Kumar	Introduction to Solar Photovoltaic and application of power Electronics switches in Solar Inverter	4.5	11
Faculty coordinator : Civil Engineering Department: Prof. Deepak Rastogi				
7.	Prof. Shivam Gupta Prof. Saurav Kakani	Use of Modern Surveying Techniques in Survey Works	4.5	25
8.	Prof. NupurVerma Prof. Nishi Gangwar	In-house Testing of Engineering Materials	4.3	05
9.	Prof. Pratibha Singh Prof. Shivendra Singh Kushwaha	Understanding of Building and Structural Elements through Model Making	3.8	22
10.	Prof. Almas Siddiqui Prof. Chetan Sharma	Developing Concepts of Smart Village through Model		
11.	Dr. Sanjay Tiwari Dr. Pankaj Kumar	Learning of Computational methods in Civil engineering using MATLAB		
12.	Prof. MohitAggarwal Prof. Shashank Sharma	Plumbing Work		
Faculty coordinator : Mechanical Engineering Department: Dr.AmitAhirwar & Prof.Vaibhav Shivhare				
13.	Prof. Kapil Tyagi Prof. Kostubh Khot	Conventional machine		



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14.	Dr. Dharmendra Jain Prof. K.K. Yadav	Dismantling & assembling of two strokes & four Stroke Engine.	3.8	39
15.	Prof. Shubham Shrivastav Prof. Sumit Singh	Repair and maintenance of a vehicle.		
16.	Prof. Utkarsh Shrivastava Prof. Dhruv Maggu	Introduction to Auto CAD for Engineering Applications	4.3	38
17.	Prof. Ajay Rajput Dr. Naresh Raghuwanshi	Mechanical Testing and Measurement		
Faculty coordinator : Electronics Engineering Department : Prof. Deepak Batham & Prof. Arun Chauhan				
18.	Dr. Vikas Mahor Prof. Rakesh Naik	Training on PCB Designing & Circuit Wizard	4.2	30
19.	Dr. Ashish Gupta Prof. Deepak Batham	Training on MATLAB	3.5	31
20.	Prof. Aruna Chauhan Prof. Santosh Sharma	Training on Digital Circuit Design	4.2	06
21.	Prof. Chaitanya Dhopte Prof. Arpita Singhal	Training on Electrical Circuit Design using LT-Spice		
22.	Prof. Praveen Kumar Singh	Training on Electronics Measuring Instruments		
23.	Prof. Saurabh Singh Raghuvanshi	Python for Engineers	4.2	38
Faculty coordinator : CSE & IT Department : Prof. Vikas Sejwar & Prof. Abhilash Sonkar				
24.	Prof. Lav Upadhyay	Front End Web Developer	4.2	22
25.	Prof. Dheeraj Gurjar	Computer Hardware & Networking	3.9	22
26.	Prof. Pooja Agrawal	Internet of Things (IoT)	4.6	35
27.	Prof. Shivangi Garg	Relational Database Using SQL		
28.	Prof. Sheo Kumar	Problem Solving Through Programming	3.7	19
29.	Prof. Mir Shahnawaz Ahmad	Python Programming With Applications To Machine Learning	4.2	42
30.	Prof. Mahesh Parmar	Android Based Application Development.	4.0	14
31.	Prof. Vikas Sejwar	Microprocessor & Interfacing Techniques		
32.	Prof. Abhilash Sonkar	Google Services	4.0	06
Faculty coordinator : Chemical Engineering department : Prof. Sulochana Nagar				
33.	Prof. Arti Sahu Prof. Sulochana Nagar	Utility of Heat Transfer in Process Industry	3.5	10



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34.	Prof. Sachin R. Geed Dr. Kulbhushan Samal	Application of Environmental Biotechnology in Chemical Engineering		
35.	Dr. Antaram N. Sarve	Introduction to Analytical Instruments	4.5	05
Faculty coordinator : Biotech Department : Dr. Sunita Sharma				
36.	Dr. Sunita Sharma Prof. Vishal Ranjan	Comparison of water quality collected from public place with the standard water quality parameters		
37.	Prof. Rahul Anand	Basic tools of Molecular Modelling		
38.	Prof. Vinod Kumar Jatav	Basics of Bioinformatics		
39.	Dr. Radhika, R. Prof. Shikha Jha	Commercial Plant Cell and Tissue Culture Techniques: A biotechnological tool for the conservation of natural resources		
Faculty coordinator : Applied Science department : Dr. Prachi Sharma				
40.	Dr. Anjula Gaur	Detection and identification of contaminants using uv spectroscopy.		
41.	Dr. Hansnath Tiwari	Analysis of Mixtures by using the Chromatographic Technique.		
42.	Dr. Prachi Sharma	Laser Technology		
43.	Prof. Deobrat Singh	Nano structured transition metal oxides for photo catalytic applications		
44.	Dr. Ashish Verma Prof. Jitendra Muthale	Statistical Methods		
45.	Prof. Angad Singh Ojha Dr. Ashish Verma	Abstract Algebra		
Faculty coordinator : Entrepreneurship Development Cell : Prof. Prabhkar Sharma				
46.	Dr.Prabhakar Singh Bhadouria (EDC)	Entrepreneurship Awareness Programme	4.3	06
47.	Mr.Akshat Agrawal (EDC)	Computer Fundamentals with Web Concepts		
48.	Er.Satish Sharma (EDC)	Basics of Refrigeration and Air Conditioning (RAC)		
Faculty coordinator : Department of Architecture : Dr. S.S. Jadon				
49.	Ar. Priya Gupta Ar. ShefaliYadav	Earth Workshop (Raw and Rammed earth)	4.7	06
50.	Ar. Priya Gupta Ar. ShefaliYadav	Bamboo Workshop (Geodesic dome)	4.2	0.6
51.	Ar. Shefali Yadav	Regenerative use of Scrap materials through sustainable approach.		



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DETAILS OF STUDENTS PARTICIPATION & FEEDBACK IN MODULE DURING (Jan- April 2019)

S.No.	Department	Module Coordinator	Module Name	Students	Feedback Score (Out of 5)
1	Applied Science	Dr. Prachi Sharma	3-D Scientific Photography	6	4.51
2	CSE/IT	Prof. Mahesh Parmar	Android Application Development	25	4.26
3	MCA	Prof. Parul Saxena	Animation Creation	15	3.96
4	Chemical Engineering	Prof. S.R	Application of measuring devices in chemical process industries	9	4.92
5	EDC	Er. Satish Sharma	Basics of Refrigeration and Air Conditioning	5	4.2
6	Biotechnology	Dr. Pragyan Ranjan Rout	Bio-monitoring of water quality	1	4.22
7	Civil Engineering	Prof. Pratibha Singh	Building Elements- Model Making	13	4.23
8	Civil Engineering	Prof. Shivendra Singh Kushwah	Civil Engineering Structures Model Making	24	4.63
9	EDC	Prof. Akshat Agrawal	Computer Fundamentals with Web Concepts	8	4.47
10	CSE/IT	Prof. Dheeraj Gurjar	Computer Hardware & Networking	20	3.79
11	Mechanical Engineering	Dr. Amit Ahirwar	Conventional machine	17	4.31
12	Electrical Engineering	Prof. Kuldeep Swarnkar & Prof. Praveen Bansal	Designing and Modelling of Electrical Components	17	3.81
13	Electrical Engineering	Dr. Modem Sudhakar	Designing and Modelling of Electronics Components	5	4.17
14	Electronics Engineering	Prof. Awadesh Gupta	Digital Circuit Design	17	3.87
15	Mechanical Engineering	Prof. Vaibhav Shivhare	Dismantling & assembling of two strokes & four Stroke Engine.	22	4.12
16	Electronics Engineering	Prof. Rishab Shukla	Electrical Circuit Design Using LT-Spice	8	4.38
17	Electrical Engineering	Prof. Vishal Chaudhary	Electricity usage for Domestic and Industrial application	18	3.32
18	EDC	Dr. Prabhakar S. Bhadhoria	Entrepreneurship Awareness Program	3	4.4
19	CSE/IT	Prof. Abhilash Sonkar	Google Services	30	4.4



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20	MCA	Dr. Anshu Chaturvedi	Graphic Design	19	4.03
21	Mechanical Engineering	Prof. Utkarsh Srivastava	Introduction to Auto CAD for Engineering Application	22	4.1
22	Electrical Engineering	Prof. Punjan Dohare	Introduction to MATLAB programming for Engineering applications	28	3.79
23	Electronics Engineering	Dr. Ashish Gupta	MATLAB	25	4.28
24	Mechanical Engineering	Prof. Ajay Rajput	Mechanical Testing and Measurement	16	4.11
25	CSE/IT	Prof. Vikas Sejwar	Microprocessor & Interfacing Techniques	16	4.04
26	Electronics Engineering	Dr. Rahul Dubey	O.S. Installation & Networking	18	3.73
27	Electronics Engineering	Dr. Vikas Mahor	PCB Designing & Circuit Wizard	27	4.48
28	CSE/IT	Prof. Shoe Kumar	Problem Solving Through Programming	27	3.83
29	Mechanical Engineering	Dr. Dharmanendra Jain	Repair and maintenance of a vehicle.	29	4.03
30	Civil Engineering	Prof. Shivam Gupta	Surveying using Total Station and Conventional methods	21	4.33
31	Electronics Engineering	Dr. Sarthak Singhal	TV & Motherboard	7	3.93
32	CSE/IT	Prof. Amit Manjhvar	User Interface Design	20	3.31
33	Chemical Engineering	Dr. Shailendra Kumar Pandey	Utility of Heat transfer in process industry	4	3.72
34	MCA	Prof. Ram Pathak	Web Designing	29	4.11
35	Civil Engineering	Prof. Nupur Verma	Working Model of Water Harvesting System	16	4.34



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DETAILS OF STUDENTS PARTICIPATION & FEEDBACK FOR IN-HOUSE SUMMER INTERNSHIP PROGRAMME

For II Year (Soft Skills)

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								



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VARIOUS CLUB ACTIVITIES

Details of Students Participation in Various Activities In and Outside The Institute

S. No.	Name of Activity	Level of Activity	Date	Brief Details	No. of Students Participated	Achievements/Winners Detail
<u>Name of Club/Society : ASIMOV Robotics Club</u>				<u>Faculty Coordinator: Dr. Karuna Markam</u>		
1.	Orientation Program	College	29/08/2018	For First Year Students	200	---
2.	ROBOSYM 2.0	Inter-College	16/09/2018	Water Rocket competition	150	1 st position by MITS students
3.	Expert Talk	College	23/09/2018	Topic Image Processing MITS Alumni (ME student IIT Bombay)	25	---
4.	One Day Workshop	College	06/10/2018	Topic Web Development (EMOTECH Software Solution Pvt. Ltd.)	20	---
5.	INFOTSAV 19 ABV-IIITM	National	08/02/2019 to 09/02/2019	DRONE Shot	04	2 nd position by MITS students
6.	One Day Seminar	College	10/02/2019	Topic My First Bot	30	---
7.	AAVRITTI 2.0	National	23/02/2019 to 24/02/2019	Robotics Competition and workshops	250	1 st position by MITS students in BOT-n-Ball, Aqua-Rush and Streak Minion
<u>Name of Club/Society: IET Student Chapter</u>				<u>Faculty Coordinator: Dr. Vijay Bhuria</u>		
1.	How to Write Patent	Institute Level	21/07/ 2018	Patent writing process & By laws	09 Students 35 Faculty 70 Students	---
2.	EDP in Solar PV Energy	Institute Level	28/ 07/2018	Design concept about solar PV	105 Students	---
3.	Yatse 2.0	Institute Level	06 /10/ 2018	Mind bogglers & Mystery quest	120 Students	---



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4.	“Dev Ops”	Institute Level	11/03/2019	Expert Talk	105 Students	---
5.	“Human Robot Interaction for Enhanced Perception and Social Well Being”	Institute Level	14/03/2019	International Talk	120 Students	---
6.	“The Present Around The World (PATW-19)	Institute Level	09/04/2019	Competition	09 Students	02 Student Selected for Northern Final Round
<u>Name of Club/Society: Technical Exhibition Club</u>				<u>Faculty Coordinator: Dr. Vijay Bhuria</u>		
1.	Expert Talk & Poster Presentation	Institute Level	10/04/2019	Poster Theme- Sustainability / Alternate Source of Energy	45 Students	Successfully Organized
<u>Name of Club/Society: Dance Club</u>				<u>Faculty Coordinator: Prof. Parul Saxena</u>		
1.	Group & Solo Dance	College	15/08/2018	Independence Day	11	---
2.	International Dance Festival	International	20/10/2018 to 25/10/2018	Dance Festival Venue: Green Wood Public School , Adityapuram Organizer: Udbhav Sports & Cultural association Gwalior	07	2 nd position
3.	Group Dance	College	26/01/2019	Republic Day	12	---
4.	Zumba Workshop	College	16/04/2019	One day workshop	65	---
<u>Name of Club/Society: “Art of Living Club - SELP” under Teqip –III</u>				<u>Faculty Coordinator: Prof. V. Chaudhary</u>		
1.	Eliminate Mental Stress and improve the Physical Health of an individual	College	22/04/2019 to 27/04/2019	For B. Tech/ B. Arch II Year Students	60 Students	
<u>Name of the Club/Society: MITS Journalism Society</u>				<u>Faculty Coordinator: Prof. Anish P. Jacob</u>		
1.	Recruitment 2.0	College	08/09/2017	A recruitment drive	220	A team of 25 hard-working,



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				organized in MITS to invite students and be a part of a team.		dynamic and creative people were selected.
2.	YourQuote Open Mic MITS	City	29/09/2018	A meet-up where people recite poem, stories of their own.	50	The event attracted artist from all over the city and a first ever such kind of meet-up organized in the MITS.
3.	“Life at MITS” Video Blog	College	01/01/2019	An initiative to connect the students of the college and let out their stories.	---	The video is being watched over 2000 times on the social media platform.
4.	“Know Your Alumni” Interview Series	College	19/01/2019	An initiative to interview various alumni of MITS and share their success stories.	3	The videos are being watched over 1000 times on Youtube.
5.	Photographing February	National (Online)	03/02/2019 10/02/2019 17/02/2019	A nationwide online 4 week long photography contest where a new theme is given each week and winners were announced at the end of the week	130	Winners 1 st week: Chitresh Mishra (Chitrakoot) 2 nd week: Abhishek Kumar (Gwalior) 3 rd Week: Rahul Thakkar (Mumbai)
6.	Terribly Tiny Tales	National (Online)	14/02/2019	A writing competition in which participant has to submit a short tale on the given topic.	45	Winner Roshan Gurjar(Indore)
7.	“Career Prospects in Management” in collaboration with “Career Counseling club”	College	18/02/2019	An interactive session with IIM Kozhikode alumni Mr. Darpan Dixit.	200	The session was attended by 200 students of MITS.
8.	Abhyudaya • Quiz • Creative Writing • Live Sketching	State	02/03/2019 to 03/03/2019	03 activities were organized under this event.	300	Winner Quiz: HimanshuBhanpurkar and Aparna Khare (MITS) Creative Writing: Meenal Singhal (MITS) Live Sketching:



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						BrajmohanKushwah (MITS)
Name of Club/Society: HAM RADIO SOCIETY MITS				<u>Faculty Coordinator:</u> Vandana Vikas Thakare		
1.	Workshop of Antena Designing and Fox Hunt	Inter college	22-23 Sept. 2018	A two day workshop on "Antenna designing" was conducted by HAM RADIO SOCIETY OF M.I.T.S, GWALIOR. The participants made antennas under the guidance of Mr.Jayant S. Bhide (Vice President of ARSI) and his eminent team. A fox hunt was conducted on the following day where the teams competed against each other to find the fox hidden somewhere in the college campus with the help of the receiver and antenna which they made on the preceding day.	90 students	Winner: RJIT College 1. Rudra Pratap Singh Tomar 2. Sanskar Rathore 3. Ashutosh Sharma 4. Aayush Bhadoria 5. Prachi Agrawal 1st Runner up MITS 1. Ritika Nayak 2. Anshika Singh 3. Gaurav Singh 4. Shubham Sharma 5. Nishant Raghuvanshi 2nd Runner Up MITS 1. Saket Mittal 2. Piyush Gupta 3. Ashu Ojha 4. Pranjal Soni 5. Miraj Verma
2.	Workshop on solar clap car	Inter college	2 nd March 2019	Solar clap car is designed by students team under the guidance of trainer Mr. Sumit Agrawal from EMOTECH software solution pvt. limited. the work shop was followed by quiz and car race competition.	80 students	79 students participated
3.	Meditation for Stress Management	Intra college	30 th July 2018 to 3 rd August 2018	IETE Student forum, Electronics department has organized 5 days meditation sessions entitled "meditation	50 participants	



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				for stress management” during 30 th –July 2018 to 3 rd August 2018 at MITS Gwalior. The meditation sessions are conducted by Mr. Sandeep Pradhan from Heartfulness centre Faculties, staff members and students have joined together and learnt to meditate.		
4.	Motivation lecture on “How to stay focused for GATE”	Intra college	11 th August 2018	A motivation lecture on “How to stay focused for GATE” has been organized by the Department of Electronics Engineering in association with Institute of Electronics and Telecommunication Engineers (I.E.T.E) Students Forum on 11 th August 2018 at MITS, Gwalior. The eminent speaker was Prof. Dheeraj Singh Rajpot, Assistant Professor, Department of Electronics & Communication Egg., IGEC Sagar. The lecture encompasses the discussion on GATE structure, syllabus, marking pattern, difficulty level and its importance for the job.	50 participants	
5.	Maze Solver Robot	Inter College	15 to 16 th Sept. 2018	On date 15 th and 16 th September, two days Maze Solver Robot workshop was	150 students	Winner: 1. David Birla, 2. Himanshu Rathore



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				organized by I.E.T.E. Student forum, MITS Gwalior. In this Workshop, 30 teams have participated from different colleges. In this workshop, Mr. Siddharth Bhatia from Delhi talked about how to make a Maze Solver Robot and how to code on arduino and other components of robot. Total 150 students from different engineering colleges have participate		3. Madhav Ravkerkar 4. Avinash Tiwari 5. Sohan Chaudhary.
6.	Seminar on “Digital Transformation & Contribution of Engineers for Society”	Inter college and inter organization	16 th Sept. 2018	One day National Seminar on “Digital Transformation & Contribution of Engineers for Society” jointly organized by IEEE (M.P. Subsection & Student Chapter, MITS Gwalior) and IETE (Gwalior Chapter & Student Chapter, MITS Gwalior) on 16 th September 2018 at MITS Gwalior	67 participants	
7.	Manthan -19	Inter college	23 rd February 2019	Quiz event organised in association with QUIZZER’S CLUB MANIT BHOPAL	300 students participated	300 students participated
8.	Seminar on Carrier Counselling	Inter college	23 rd February 2019	Seminar on Carrier counselling has been organised .The resource person for the session WAS Mr. Manoj Dawrani, DIRECTOR CARRIER	300 students participated	300 students participated



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				LAUNCHER ,Gwalior Students were informed about various carrier options and opportunities for higher education also		
9.	Quiz on women empowerment	Intra college	8 March 2019	A quiz on women empowerment was conducted on international women day. Around 50 students participated.	50 participants	Ashutosh Singh Tomar (CSE) won the cash prize of Rs. 500/-
Name of Club/Society: Art Club				<u>Faculty Coordinator: Prof. Pooja Sahu</u>		
1.	Etch a sketch	Inter College	09/02/ 2019	Venue- room no.114 Event Conducting Members- Yogesh Sengar, Vinay Jagwani	30	Certificate and trophy. Priyanshi Agrawal
2.	The logo hunt	College	09/02/2019	Venue- ED class room Event Conducting Members- Prankit Soni, Somya Mishra	32	Cash prize-1000/- And certificate to all Nitesh Maravi Civil branch 2 nd year
Name of Club/Society: INTERNATIONAL OPPORTUNITIES CLUB				<u>Faculty Coordinator: Dr. Anshu Chaturvedi</u>		
1.	Expert talk on “Opportunities in AI and Data Analytics” through video conferencing	College level	02.03.2019	The International Opportunities Club organized an expert talk on “Opportunities in AI and Data Analytics” through video conferencing on 02.03.2019 . The expert - Mrs. Vidhu Beohar , is a Data Science Program Manager at Microsoft, Hyderabad . This was an	37	



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				<p>interactive session as Mrs. Vidhu answered the queries raised by students. Machine Learning is the future of society and therefore most of the companies are working on Machine Learning these days. In this respect she suggested students need to focus on problem solving skills. As a Data Scientist it's not only required to solve the problem rather need to analyze the voluminous data that is available all around. Data Scientist should try to understand the problem from root level and then analyze it to take it to the best possible regress solution.</p>		
<p>Name of Club/Society: Aerospace Club</p>			<p><u>Faculty Coordinator: Dr. C. S. Malvi</u></p>			
1.	Introduction to Aerospace Propulsion (ITAP)	College	25.10.18 to 27.10.18	3 day course delivered by Prof. Nawal Kishor Gupta, ex Dy Director and Project Director (Cryogenic) LPSC/ISRO.	126	<p>1st Position: Pragya Tiwari CSE 1st Year 2nd Position: Somya Sharma Mechanical 3rd Year 3rd Position: Antra Pathak CSE 1st Year</p>
2.	Introduction to Aerospace Propulsion 2.0 (ITAP 2.0)	College	25.02.19 to 01.03.19	5 day course delivered by Prof. Nawal Kishor Gupta, Ex Dy. Director and Project Director (Cryogenic) LPSC/ISRO . This course was the continuation of	102	<p>1st Position:Somya Sharma Mechanical 3rd Year 2nd Position:Moha Shrivastava Mechanical 3rd Year 3rd Position: Shubham Agrawal</p>



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				ITAP 1.		Mechanical 3 rd Year
3.	Seminar on Space Technology	College	08.03.19	Interactive session held by an ISRO scientist Mr. Akhilesh Sharma from SPACE ACTIVITY CENTRE, AHMEDABAD	100	
Name of Club/Society: Sports Club				Faculty Coordinator: Dr. B.P. S. Bhadoria		
1.	SPARDHA	Inter- College	27/01/2019 to 29/01/2019	Following Activities Organized : 1. Badminton 2. Basketball (5 teams) 3. Tug of War (10 teams) 4. Volleyball (5 teams) 5. Chess	35 25 50 35 16	Boys winner – Amit (MITS) Girls winner – Anjali Vema (MITS) Winner – Sport Academy, Morar. Winner- MITS Winner –Vikrant College Winner- Komal Mishra (MITS)
2.	Nukad Cricket	College level	16/02/2019 to 02/03/2019	20 teams Participated	160	Winner – Intimate Warrior team
Name of Club/Society: Holistic Health Club MITS				Faculty Coordinator: Prof. Vishal Chaudhary		
1.	“Yoga Session” for the first year students during induction program.	College	20/08/18 to 31/08/18	The session was started every day in the morning at 6.30 am. The various Aasan and Prayer have conducted for the students to enhance the energy level and increase	70	All session was organised by Bhartiya Yog Sansthan, Gwalior & student volunteers.



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				the mental ability. Dr Anjula Gaur and Dr Vijay Bhuria and Prof. Vishal Chaudhary have coordinated the session in their hostel respectively .		
2.	“Drug Free India” Campaign	National	18/02/19	A Talk on Drug free India by Art of living and a webcasted live by Gurudev Sri Sri Ravi Shankar. The launch event will also be graced by celebrities like Sanjay Dutt, Kapil Sharma and Badshah, and joined by a million youth from various universities across the country via LIVE Webcast. Drug Free India is an exclusive integrated 360 degree campaign with a focus on combating the drug abuse in the country.	148	Very wide coverage of the event in the local Newspapers. Institute got Certificate of Appreciation for Participation in Drug Free India campaign.
3.	“Art of Living –SELP” (Student Excellence and Learning Program) under TEQIP-III	College	22/04/19 To 27/04/19	The program is claimed to be very useful for the students to improve overall performance boosting confidence enhancing creativity and communication that helps in developing their leadership and team building skills to develop personality, eliminate mental stress and improve the physical health of an individual.	60	Very wide coverage of the event in the local Newspapers. Great experience & understood need of pranayam/yoga/sudarshan kriyan etc. through philosophy & daily practice.



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Name of Club/Society: ISTE Students' Chapter MITS				Faculty Coordinator: Prof. Vishal Chaudhary		
1	XCalibre	National	14/09/18	A National Level Mock Campus Test". The main objective of the event being providing the platform to the students to enhance their skills and face interviews confidently.	168	Being the most successful event captured a footfall of 168 students. Winners of the event are: 1. Shubham Sharma 2. Himani Vardhani 3. Sakshi Jain
2	TechCelesta: AutoCAD Workshop	Inter- College	21/09/18 & 23/09/18	Held under the association with CADD+ Training Services, the aim of the workshop was to getting students familiar with 2-D and 3-D designing, with the students learning designing and drafting software applications.	349	Being the most successful event captured.
3	TechCelesta: IOT Workshop	Inter- College	21/09/18 & 23/09/18	Held under the association with IndEyes InfoTech Pvt. Ltd., the workshop aimed at providing the knowledge of Internet Of Things and to connect the real world to the virtual world through Infrared Rays.	349	Being the most successful event captured.
4	TechCelesta: PCB Designing Workshop	Inter- College	21/09/18 & 23/09/18	Held under the association with IndEyes InfoTech Pvt. Ltd., the workshop aimed at inculcating the knowledge of actual designing of an printed circuit board from the raw materials and its working in both wired and wireless connection.	349	Being the most successful event captured.



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5	Chimera-X	National	02/02/19	A central India's largest quiz fest	218	Ankit Sharma Deepankar Singh
6	Motivational Talk	College	16/01/19	Motivational Talk was delivered by Mr. Nilesh Kumar (MITS and IIM Shillong Alumni).	100	-
7	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.
8	An interactive session	College	30/03/19	An interactive session with sales guy expert Mr. Iftekharul Hasan .	140	-
<p><u>Name of Club/Society:</u> SAEINDIA MITS COLLEGIATE CLUB <u>Faculty Coordinator:</u> Dr M.K Gaur and Mr Vaibhav Shivhare</p>						
1.	3 days Workshop on Soccer BOT League	State		Soccer Bot League 2018, a robotics-based football competition, the event was organized by SAE Collegiate Chapter MITS on 22nd, 23rd and 24th of September 2018 in which the students from all over the city of Gwalior participated in the competition and learnt the basics of Arduino controlled robotics.	175	Winner : Team no. 10 (team of MITS and AMITY university students) 1st Runner up : Teamno. 37 (team of ITM students) 2nd runner up: Team no. 7 (Team of MITS students)
2.	BAJA -2019 Virtual (12 July 2019) Dynamic Round (20 Jan 2019)	National		IT is a national level event organized every year by SAEINDIA in association with Mahindra and Mahindra etc. There are two level of the competition: 1 st virtual round	21	Virtual round (12 July 2018): 36 rank (*calculated from published result) Dynamic round (20 Jan 2019): Attended at Indore



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				2 nd Dynamic round. Colleges from all over india are participated in the competition (IITs,NITs,etc).		
3.	MEGA-ATV -2019	National		IT is a national level event	21	Cleared dynamic brake test. Vehicle ran 4 hours in Endurance Race.
4.	National Super carting Championship {Virtual (18-19 Aug 2018) Main Event (24-27 Sept 2018)}	National		IT is a national level event (Competition having more than 50 teams from prestigious colleges all over India)	18	Virtual round: 3 rd position Main event: AIR 7 th
Name of Club/Society: ACM Students' Chapter MITS				Faculty Coordinator: Prof. Neha Bhardwaj		
1.	CSGO		Oct., 2 nd , 2018	A lan gaming event	40	Winner IIITM, Gwl
2.	8-Bit Gaming & RUBIK'S Cube		Oct., 2 nd , 2018	All purpose	75	Winner MITS
3.	FIFA (Solo)		Oct., 2 nd , 2018	3 D gaming, Projector based	20	Winner MITS
4.	FIFA (Duo)		Oct., 2 nd , 2018	3 D gaming, Projector based	8	Winner Amity University
5.	PUBG (Solo)		Oct., 2 nd , 2018	Mobile+Laptop	100	Winner MITS
6.	PUBG (Duo)		Oct., 2 nd , 2018	Mobile+Laptop	100	Winner MITS
7.	PUBG (Squad)		Oct., 2 nd , 2018	Mobile+Laptop	100	Winner MITS



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MITS ACM STUDENT CHAPTER

ACM Student Chapter Activity : Recursive Assault was a gaming group event at Inter-College level. Five events were conducted namely CSGO, 8-BIT Gaming, FIFA, PUBG, RUBIK'S CUBE. Events palyed on computer as well as on mobile. PUBG, was onsite as well as online. FIFA was 3D gaming event. The system was designed by student itself. These all activity was successfully conducted under the guidance of Prof. Neha Bhardwaj.

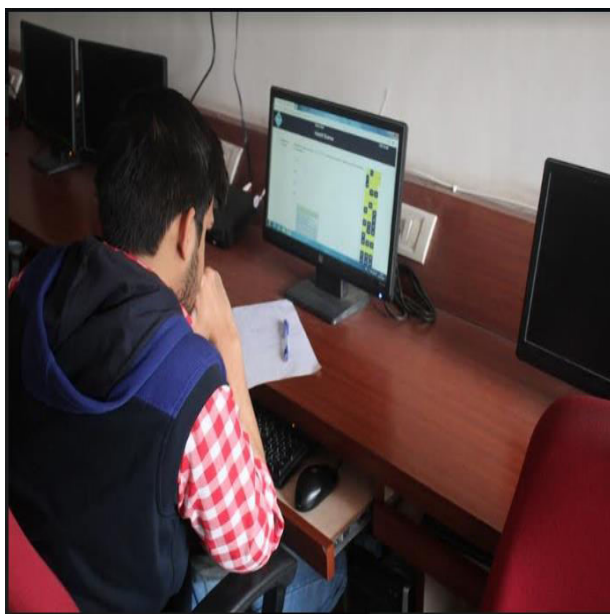
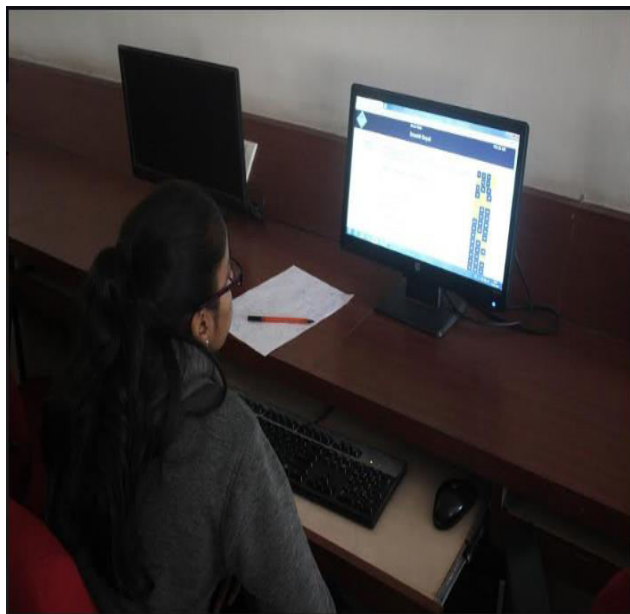
S.No.	Name of the activity/event/competiton/workshop	No of students participated	Duration with specific dates	Winners	Description
1	CSGO	40	Oct., 2 nd , 2018	IITM, Gwl	A lan gaming event
2	8-Bit Gaming & RUBIK'S Cube	75	Oct., 2 nd , 2018	MITS	All purpose
3	FIFA (Solo)	20	Oct., 2 nd , 2018	MITS	3 D gaming, Projector based
4	FIFA (Duo)	8	Oct., 2 nd , 2018	Amity University	3 D gaming, Projector based
5	PUBG (Solo)	100	Oct., 2 nd , 2018	MITS	Mobile+Laptop
6	PUBG (Duo)	100	Oct., 2 nd , 2018	MITS	Mobile+Laptop
7	PUBG (Squad)	100	Oct., 2 nd , 2018	MITS	Mobile+Laptop





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Events under Algorithm					
S.No.	Name of the activity/event/competiton/workshop	No of students participated	Duration with specific dates	Winners	Description
1	Code Hunt	9	Feb., 22 nd , 2019	MITS	Like Treasure hunt
2	Game development Workshop	37	Feb., 23 rd , 2019	-	Workshop
3	Mock GATE	7	Feb., 24 th , 2019	MITS	Online Exam
4	NLP	7	Feb., 24 th , 2019	IIITM, Gwl	Coding
5	Fake ICPC	6	Feb., 24 th , 2019	MITS	Coding
6	Blind Code	12	Feb., 24 th , 2019	MITS	Coding





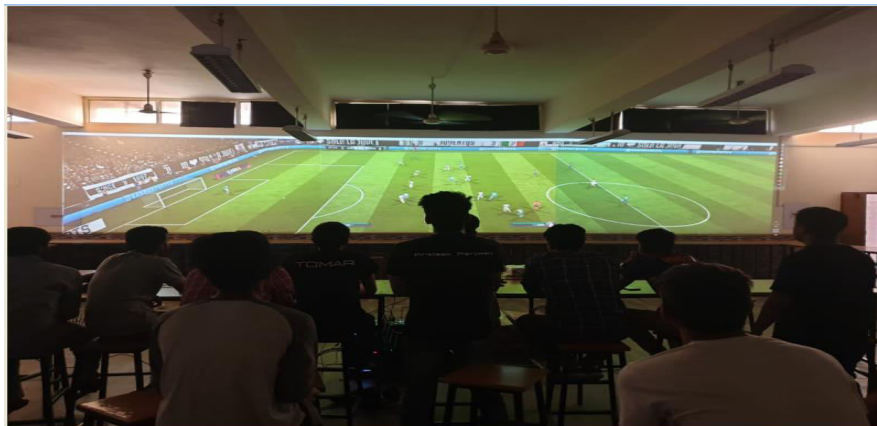
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Recurive Assult 2.0 on 6th -7th April 2019

I. FIFA

II. PUBG





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SKYROADS CLUB

Player Unknowns Battlegrounds (PUBG)

- Event date - 16/09/2018
- Event Duration - 1 days
- Total Participation - 180
- Level of Event - Inter college
- Price Distribution - First, Second, Third winners in each category



Event Photos

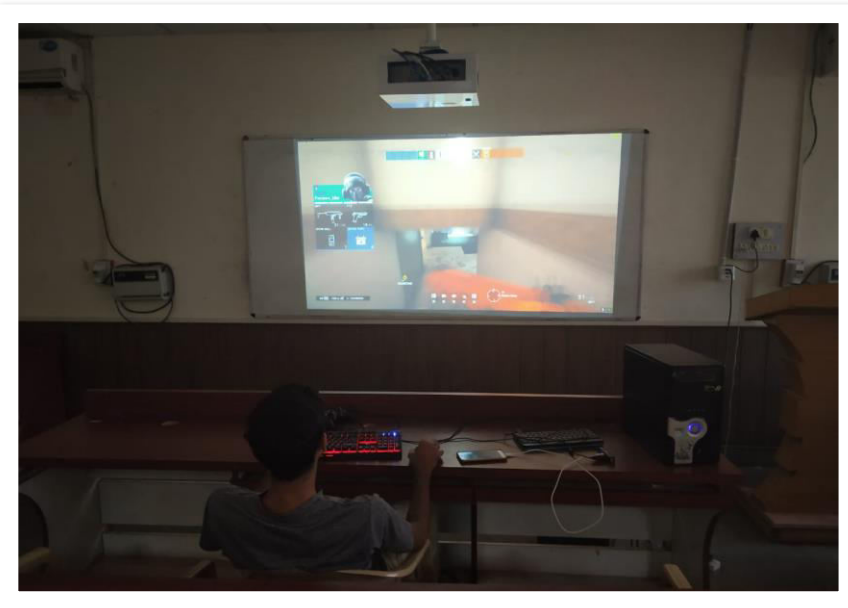




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GAMING GO

- Event date - 06-07/10/18
- Event Duration - 1 days
- Total Participation - 50
- Level of Event - Inter Collage
- Price Distribution - First winner





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INDUSTRIAL VISIT FOR UG/PG STUDENTS

S. No.	Title	Vanue	Department	Date
1.	Industrial Visit	Infosys Ltd. Pune	CSE&IT	25-07-2018
2.	Industrial Visit	Surya Roshni Ltd. Malanpuri	Mechanical	23-08-2018
3.	Industrial Visit	Gwalior Copperative Dairy Federation Ltd.	Biotechnology	04-10-2018
4.	Industrial Visit	Smart Controls India Ltd. Malanpur	Electronics	06-10-2018
5.	Industrial Visit	Sewage treatment plant Motijheel Gwalior	Civil	13-10-2018
6.	Educational Visit	Central School of Motor Transport & BSF academy Takenpur	Mechanical	22-10-2018
7.	Industrial Visit	Priyanka Industries	Electronics	25-01-2019
8.	Industrial Visit	Sciencetech Indore	Electornics	4 Feb. 2019

ACTIVITIES ORGANIZED BY TRAINING & PLACEMENT CELL

S. No.	Beneficiaries (Faculty/ Staff/ Students)	Participation (Internal/ External/ Both)	Name of Activity (FDP/Workshop/Seminar /Training/Expert Lecture/Competition/ other event)	Title of Activity	Dates & Duration	Number of Participants	Name of Coordinator	Outcomes/ Remark
1.	Final Year 2019 Graduated Batch	Internal	Training	Soft & Professional Skills Training, PDP, GD, PI	06/08/18 to 26/08/18	749	Mr. Vikram Singh Rajput	
2.	2019 Batch	Internal	Expert Lecture	BARC Lecture by Dr. Manoj Kumar, Senior Scientists	11/01/19	50	Mr. Vikram Singh Rajput	
3.	III & IV Year Students	Internal	Expert Lecture	Expert lecture with Mr. Rajnesh Khosla Head HR. LG Software India (An Innovation win of LG Electronics)	14/09/2018	120	Mr. Vikram Singh Rajput	
4.	III & IV Year Students	Internal	Expert Lecture	Expert lecture on Machine Learning/Data Science using R/Python with Mr. Alekh Shrivastava (Data	15/09/2018	120	Mr. Vikram Singh Rajput	



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				Scientist at Citi Corp., Pune)				
5.	For all Students	Internal	Competition	Season 10 th Mahindra Auto Quotient (AQ)	15/11/2018	300	Mr. Vikram Singh Rajput	
6.	For All	Both	Expert Lecture	Industry Conclave Experts	12/04/2019	200	Mr. Vikram Singh Rajput	
7.	For Students	Internal and External	Competition	Hackathon	22nd and 23rd Feb., 2019	15 teams	Prof. Neha Bhardwaj	Stood 1 st Rank in all over India

IMPLEMENTATION OF OCCUPATIONAL HEALTH AND SAFETY (OHAS) PROVISIONS IN INSTITUTION

The house reviewed the status of “Occupational Health and Safety Provisions” in the institution. As a part of the Project Implementation Plan (PIP) of TEQIP-III, all participating institutions required to :

- Ensure that Occupational Health and Safety (OHAS) has been incorporated in the model curriculum.
- follow various Acts and directions issued by Govt. of India and also Hon. Supreme Court, provide Tool Box, safety from hazards in laboratories and other relevant locations/ installations. It is always checked by different committees including NBA visiting institutions.
- Organize “Tool Box Talks”, “Safety Briefings” before practical classes.

The suggestive activities for OHAS are given below :

S. No.	Environmental Aspect	Activities to be executed
1.	Laboratory Safety	Laboratory Safety Audit
2.	Fire Safety	Fire Safety Audit of the Campus (covering all classrooms, laboratories, hostels and canteens)
		Purchase of Fire safety apparatus: extinguishers, risers, hooters and alarms or refilling of fire extinguishers
		Fire Signages
3.	Occupational Health and Safety	OHS Audit in Laboratory
		Procurement of OHS tool boxes, safety briefings, etc. for the laboratory

Mr. Yatindra Kumar Shrivastava, Industrialist & Employer members of IQAC, has expressed his willingness to be a part of OHAS audit of the Institute as expert/consultant; this audit will take 3 days or one week duration.