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Deemed University
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NAAC ACCREDITED WITH A++ Grade
Gola Ka Mandir, Gwalior (M.P.)– 474005, INDIA
Ph.:+91-751-2409300, E-mail: vicechancellor@mitsgwalior.in, Website: www.mitsgwalior.in

Minutes of the Internal Quality Assurance Cell (IQAC) meeting on 20th December 2024

The meeting of the Internal Quality Assurance Cell (IQAC) was held on **20ʰ December 2024** at 11.30 am in the Convention Hall of the institute. The meeting was chaired by **Dr. R. K. Pandit**, Vice Chancellor of the MITS-DU. Following have attended the Internal Quality Assurance Cell (IQAC) meeting:

Chairperson - Dr. R.K. Pandit, Vice Chancellor

Representatives of the Management-
1. Shri Prashant Mehta, IAS, Member, The Scindia Engineering College Society

Teachers-
1. Dr. Manjaree Pandit, Professor Electrical Engineering & Dean Academics
2. Dr. Sanjay Tiwari, Professor & Head, Civil Engineering Department
3. Dr. Akhilesh Tiwari, Professor & Head, Centre for Computer Science and Business Management
4. Dr. D. K. Jain, Professor & Head, Engineering Mathematics & Computing Department
5. Dr. Rajni Ranjan Singh Makwana, Associate Professor & Head, Centre for Artificial Intelligence
6. Prof. Mir Shahnawaz Ahmad, Assistant Professor, Centre for Artificial Intelligence
7. Dr. Saurabh Rajput, Assistant Professor, Centre for Internet of Things
8. Dr. Priyanka Garg, Assistant Professor, Centre for Internet of Things

Administrative Officers
1. Prof. Prabhakar Sharma, Assistant Professor, MAC & Dy. Registrar
2. Shri D. Gorakhpuri, Finance cum Accounts Officer

Nominees from Local Society and Alumni -
1. Dr. Nameesh Miglani, General Secretary, Sunrise Technical Education Promotional Society*
2. Dr. Keshav Pandey, Journalist, Gwalior

Nominees from Employer/ Industrialist/Stakeholders –
1. Shri Suresh Kalra, Managing Director, Agro Solvent Products Pvt. Ltd. Gwalior
2. Mr. Mohit Kumar Gupta, Vice President, Eicher Motors (VE Commercial Vehicles) *
3. Mr. Dheeraj Kumar Gupta, Director, Cognizant Bengaluru *

Student Representatives-
1. Ms. Nishika Garg, Final Year CSE *
2. Ms. Harsh Shukla, Final Year Internet of Things (IoT) *

Coordinator of the IQAC
1. Dr. Pratesh Jayaswal, Professor, Mechanical Engineering & Coordinator IQAC

Attended through online mode

Internal members Dr. Manish Dixit, Professor & Head, Computer Science & Engineering and Dr. Praveen Bansal, Coordinator, Centre for Internet of Things could not attend the meeting.

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Item- 1: To confirm the minutes of the IQAC meeting held on 27th September, 2024

> **The minutes of last IQAC meeting on following agenda points held on 27th September 2024, were confirmed:**

- The **new members of the IQAC** of the MITS-DU constituted for a period of two-years were **introduced and welcomed.**

- The house was apprised about framing of **new ordinances & Scheme Structure** of Engineering & Technology, Architecture, Computer Application & Management Programmes of MITS-DU and their approval by Executive Council

- The members were briefed about **conduction of briefing session for the faculty** for smooth implementation of the **ordinances and academic guidelines**

- The house reviewed the regular conduction of **orientation programme** for II-to-IV-year students at the beginning of the semester on 5th August 2024

- The **status of Ph.D. research work** (RGPV) and six-monthly monitoring by research advisory committee was reviewed.

- The house was apprised about the **conduction of Ph.D. admissions first time** under Deemed University status

- The report on **partial delivery of courses in collaboration with industry person** (July-December 2024 Session) was presented.

- The **status of UG & PG admission for year 2024-2025** was reviewed.

- The house was apprised about the **extension of accreditation by the National board of Education**.

- The novel initiative taken for creating **Department Level Integrated Data Management System** was presented.

- The **joining status of new faculty members** in various disciplines was reviewed.

- The report on conduction of the **Faculty Induction Programme-V** for the newly appointed faculty was presented.

- The report of the **In-house Faculty Peer Training** initiative of the institute for Competency Enhancement in emerging areas was reviewed.

- The report on conduction of **Induction Programme for the newly admitted first year students** was presented.

- The **result analysis of 2023-2024 session** was reviewed and discussed.

- The **academic initiatives and monitoring mechanism** developed under the university structure (MITS-DU) was discussed through detailed report.

- The house reviewed the **student support and monitoring mechanism** developed under the university system (MITS-DU).

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- The **Novel Engaging Courses (NEC) offered in July-December session** for II & III year were reviewed.

- The report on **Research Facility Developed in Collaboration with MP Power Transmission Company** Limited, Jabalpur (M.P.) was presented.

- The report on the **Augmented/ Virtual Reality (AR-VR) lab** newly established under the Centre for Artificial Intelligence was reviewed.

- The **Development of partial MOOC on SWAYAM Platform by one Institute Faculty** in Collaboration with CSVTU: Chhattisgarh Swami Vivekanand Technical University, Bhilai, Chhattisgarh was discussed.

- The **status of MOOCs development** in the Digital Studio of the MITS-DU was reviewed and discussed.

- The house was apprised about the **Centre of Entrepreneurship (CoE)** being established in **collaboration with the Software Technology Parks of India (STPI)** under the Ministry of Electronics and Information Technology (MeitY)

- The house was apprised about the proposal of establishing **Centre of Excellence (CoE) of Drone Technology**

- The Report of **Courses Conducted under IIRS Outreach Programme for Academic Year 2023 – 2024 was reviewed.**

- The report on **participation of students in Smart India Internal Hackathon** was presented.

- The house was briefed about the **Training of Faculty members in Collaboration with Uniconvergence Technologies Pvt. Ltd, Noida** at Centre for IoT.

- The house was apprised regarding **celebration of Guru Poornima Utsav and Ganesh Pooja**.

- The report about conduction of '**Film Festival 2.0'** by the Girls Grievance & Gender Sensitization Cell (24th to 26th September, 2024) was presented.
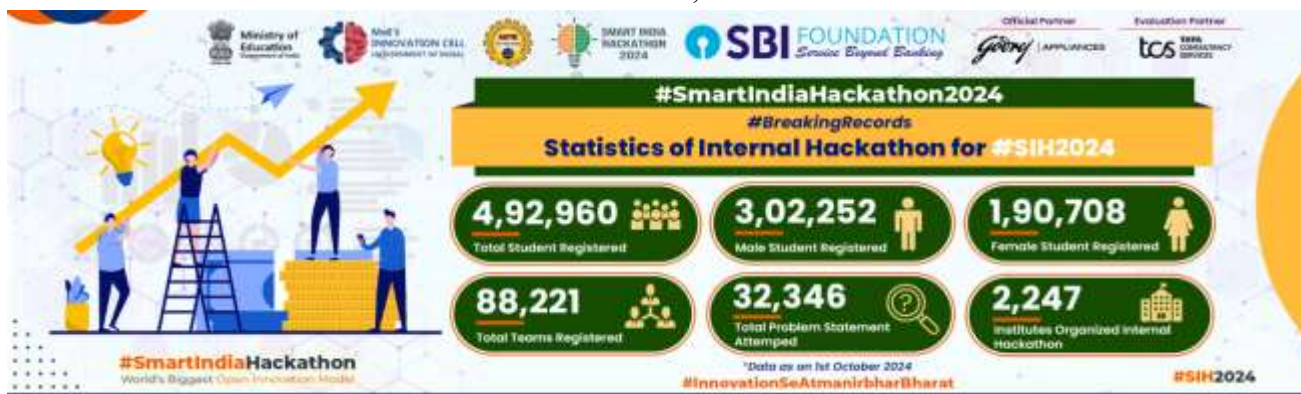
Item-2: To present the achievement of the MITS-DU Team (Alphonics) in Smart India Hackathon (SIH-2024)

- ➢ Smart India Hackathon-2024 organized by the MoE, Government of India
- ➢ Cash prize of Rs. 1,00,000
- Venue: Guru Ghasidas Vishwavidyalaya , Bilaspur (CG)(One of the Nodal Center out of 51)
- Problem Statement: **Publication Summary Generator for faculty Profile Building**
- Team ID: 31837
- MITS-DU Team: Team Alphonics
- Team Leader:
    Yug Shrivastava (2nd Year - B. Tech. IoT)
- Other Members of the Team:
    Lubhanshu Kawadkar (2nd Year - B. Tech. IoT)

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Parul Sharma (2nd Year - B. Tech. IoT)

Aryan Chourey (2nd Year - B. Tech. IoT)

Shrashti Agrawal (2nd Year - B. Tech. IoT)

Kaushiki Singhai (2nd Year - B. Tech. EC)

➢ Highlights of SIH-2024
- Total Students Participated: 4,92,960
- Total Institutes Participated: 2,247
- Total Teams Shortlisted for Grand Finale: 1,348

Winning Team
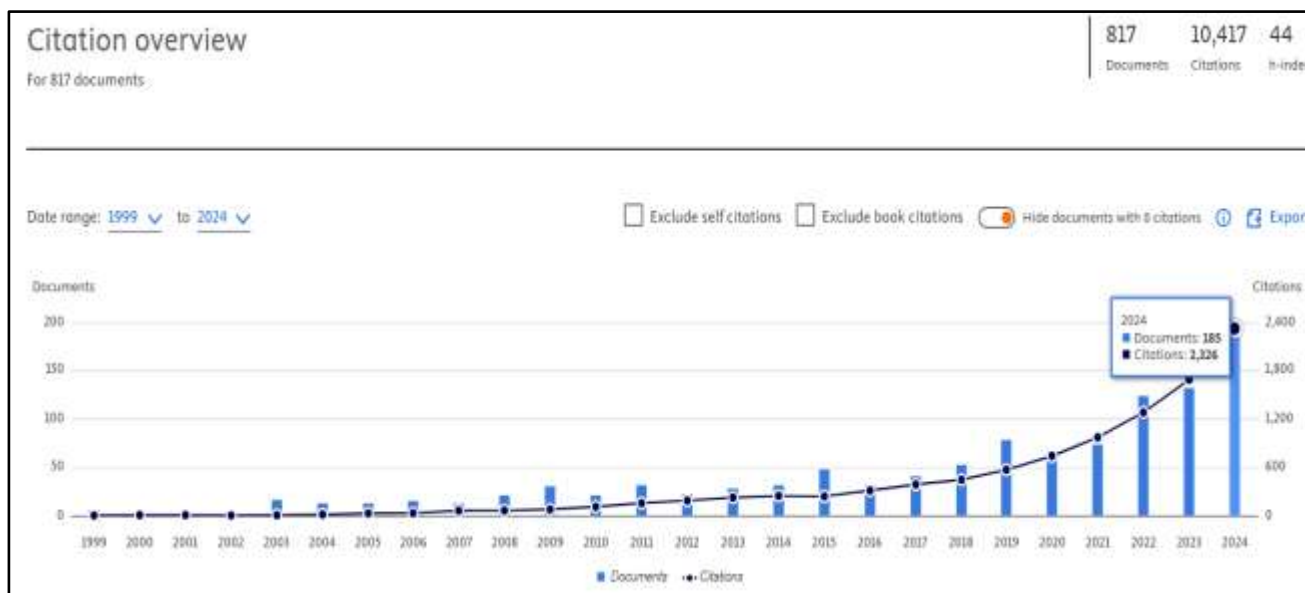

The house appreciated the efforts of Students.

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Item-3: **To review the overall h-index and research publication status for the year 2024**

➢ **The house reviewed the following status of h-index and research publication for the year 2024:**

    ➢ **The status of h-index and research publication:**

- Total number documents with MITS affiliation listed in SCOPUS: 1143
- Total number of documents which have citations   : 817
- Number of citations   : 10417
- **h-Index of all publications (overall)**   **: 44**

<div align="center">

Citation Overview

</div>

- Total number documents with MITS affiliation in year 2024   : 185
- Total number documents in 2024 which have so far received citations   : 73
- Number of citations   : 252
- **h-Index of 2024 publications**   **: 09**

The details are available at
https://drive.google.com/drive/folders/1yeZKGh0QAM7X7gs2-BN5tVuyodE6xPg2?usp=drive_link

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Item-4: **To apprise about the participation of MITS-DU in World Telecommunication Standardization Assembly (WTSA) 2024.**

➢ **The house noted following details regarding participation of MITS-DU in World Telecommunication Standardization Assembly (WTSA) 2024**

- Dates: 15-18 October 2024 & Venue: New Delhi
- Organizers: Department of Telecommunications, Government of India.
- Participants from MITS-DU: 03 Faculty & 09 Students
- Objective: The event was focused on developing international standards for 5G, 6G, and Artificial Intelligence (AI), while addressing critical issues like cybersecurity, data privacy, and digital inclusion.

➢ The details are available on:

https://drive.google.com/drive/folders/1Q7vH_aobRsLcmbMfB4bZTC5q4q0g_-0X?usp=drive_link

Item-5: To review the performance of MITS-DU NPTEL Chapter (July-Dec 2024)

➢ **The IQAC members reviewed following information regarding Students & Faculty Performance in July-Dec 2024.**

REPORT OF STUDENTS PERFORMANCE IN NPTEL COURSES RUN DURING JULY-DEC 2024

Total no. of Enrolments	No of courses in which Exam registration are made	No. Of students count appeared in exam	No. of Students Qualified Exam					
			Elite + Gold Certificate	Elite +Silver Certificate	Elite Certificate	Successfully Completed	No of Toppers in Various Courses	Total Students Count Qualified Exam
12263	3338	3178	51	578	1060	852	185	2541
Prev year 3028	159	2887	179	286	860	804	171	2129

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Topper Category	Count: 2023	Count: 2024
Topper of 1% In this Course	41	37
Topper of 2% In this Course	32	35
Topper of 5% In this Course	91	107
Topper of this Course	7	6

Student Details: Click Here

REPORT OF FACULTY PERFORMANCE IN NPTEL COURSES RUN DURING JULY-DEC 2024

Total no. of Enrolments	No of courses in which registration is made	No. of Faculty Counts Appeared in Exam	No. of Faculty Members Qualified Exam						
			Elite + Gold Certificate	Elite +Silver Certificate	Elite Certificates	Successfully Completed	Total No. Of Faculty Qualified Exam	No of Toppers in Various Courses	No. of Faculty Counts Completed FDP Courses
801	152	118	05	50	42	15	112	22	112
Prev year 169	86	158	08	35	57	37	137	15	137

Topper Category	Count: 2023	Count: 2024
Topper of 1% In this Course	1	02
Topper of 2% In this Course	1	03
Topper of 5% In this Course	12	17
Topper of this Course	1	---

Score	Types of Certificates
>=90	Elite+ Gold
75-89	Elite +Silver
>=60	Elite
40-59	Successfully Qualified
<40	No Certificate

Faculty Details : Click Here

➢ The details are available on:

https://drive.google.com/drive/folders/1hoBxNcBcZXq0R_dF1tLgjiHft-3tERvz?usp=drive_link

Item-06: To apprise and update about credit transfer from MOOCs during 2024

— Total credits transferred since May-June 2020 to November-December 2022 are 30701
— Adding the year 2023 credits, the total credits transferred till December 2023 are **42,647**.

Session	Semester	No. of disciplines/branches	Total Credits transferred to student transcripts
June-2023	VI &VIII	14	7765

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Dec-2023	VII	15	4181
June-2024	**VI & VIII**	**17**	**9236**

No. of Credit Transferred Through MOOC During June 2024 Session

Sr. No.	Branch	Semester	No of credits	Semester	No of credits
1	CE	VIII sem	660	VI sem	303
2	ME	VIII sem	570	VI sem	174
3	AU	VIII sem	84	VI sem	12
4	EE	VIII sem	570	VI sem	225
5	EC	VIII sem	735	VI sem	306
6	ET	VIII sem	325	VI sem	153
7	CSE	VIII sem	633	VI sem	384
8	IT	VIII sem	339	VI sem	192
9	CM	VIII sem	204	VI sem	33
10	IT AIR	VIII sem	309	VI sem	168
11	IT IOT	VIII sem	336	VI sem	189
12	AI & DS	VIII sem	171	VI sem	174
13	AI & ML	VIII sem		VI sem	165
14	CSD	VIII sem		VI sem	129
15	MAC	VIII sem	336	VI sem	177
16	EE IOT	VIII sem	324	VI sem	180
17	(EC/ET/ME)	Minor Specialization	187	-	-
18	(AI, MAC, EC, IO, CM, CSE,CE)	Honors	300	-	-
19	MCA	IV sem	0	II sem	189
		Total	**6083**		**3153**
		Grand Total	**9236**		

The details are available at:

https://drive.google.com/drive/folders/1bzkF5v-ZOQCThtCny5TZsbPnvyPWZw5g?usp=drive_link

➢ **The House noted the above details about credit transfer from MOOCs during 2024.**

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Item-7: To review the status of research projects submitted by the faculty during (July-Dec 2024-25) Session

➢ **The IQAC members reviewed the list of Research Projects submitted during July-Dec 2024:**

S. No.	Name of Project Principal Investigator	Project Tittl	Funding Agencies
1	Dr. Jitendra Kumar Muthele, MAC	Mathematics & Computing	Madhya Pradesh Council of Science & Technology, Bhopal
2.	Dr. C.S. Malvi, Mechanical Engineering	Development of portable bricks making machine by utilizing plastic waste (Research and Development Scheme)	Madhya Pradesh Council of Science & Technology, Bhopal
3.	Dr. C.S. Malvi, Mechanical Engineering	Workshop on popularization of foreign scholarship for higher education plastic waste (Science popularization (SC/ST) Scheme)	Madhya Pradesh Council of Science & Technology, Bhopal
4.	Dr. M.K. Gaur, Mechanical Engineering	Indian knowledge system and technical education (Seminar)	Madhya Pradesh Council of Science & Technology, Bhopal
5.	Dr. Gagandeep Kaur, CSE	Intelligent IoT Enabled scheme for Rural Development	Madhya Pradesh Council of Science & Technology, Bhopal (MPCST)
6.	Dr. Rohit Agrawal, CSE	Artificial intelligence- Enabled Breast Cancer Risk Stratification using digital Mammograms"	Madhya Pradesh Council of Science & Technology, Bhopal (MPCST)
7.	Dr. R.R.S. Makwana Dr. Vibha Tiwari, Centre for Artificial Intelligence	Artificial Intelligence (AI) powered Evaluation of Handwritten Descriptive answers: A Novel Approach.	Madhya Pradesh Council of Science & Technology, Bhopal (MPCST)
8.	Dr. Smita Parte Dr. Ganesh Chandra, CSE	Emerging Technologies and Future Trends	Madhya Pradesh Council of Science & Technology, Bhopal (MPCST)
9.	Dr. Gavendra Norkey Dr. Nitin Upadhyay, Mechanical Engineering	Training Program on "Agarbatti Manufacturing" (Science popularization (SC/ST) Scheme)	Madhya Pradesh Council of Science & Technology, Bhopal (MPCST)
10.	Dr. Mukesh Kumar Mishra, Electronics Engineering	Expanding Digital India with Secure QKD-Enabled AI Drones"	Telecom Technology Development Fund (TTDF) scheme Department of Telecommunication under the Quantum Encryption Algorithm
11.	Dr. Varun Sharma, Electronics Engineering	Probing Germanium Carbide Nanoribbons as new-edge anode material for rechargeable sodium & Potassium Ion Batteries"	DST-NPNST Scheme (Department of Science & Technology, New Delhi)
12.	Dr. C.S. Malvi, Mechanical Engineering	Collaborative Empirical Research Project on Solar Energy and Sustainability code-0877)	Indian Council of Social Science Research (ICSSR), New Delhi
13.	Dr. Rahul Dubey Dr. Mukesh Mishra (Co-PI), Electronics Engineering	Innovative Strategies for Enhancing Soil Health and Sustainable Agriculture: A Comprehensive Approach to Rural Development" (code-0877)	Indian Council of Social Science Research (ICSSR), New Delhi

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S. No.	Name of Project Principal Investigator	Project Tittl	Funding Agencies
14.	Dr. Mukesh Kumar Mishra Electronics Engineering	"Energy and Resource Management in Integrated UAV-Ground Transportation (UGT) System for Rural Emergency Response" code-0877)	Indian Council of Social Science Research (ICSSR), New Delhi
15.	Dr. Mir Shahnawaz Ahmad Centre for Artificial Intelligence	"Blockchain enabled Federated Larning based Security Framework for Internet of Things Networks"	Anusandhan National Research Foundation (ANRF) PM Early Career Research Grant (DST, New Delhi)
16.	Dr. Arun Kumar Centre for Artificial Intelligence	"Smart Allergen Detector: A Machine Learning base Smart Framework for Food Allergen Detection	Anusandhan National Research Foundation (ANRF) PM Early Career Research Grant (DST, New Delhi)
17.	Dr. Mukesh Kumar Mishra Electronics Engineering	"Advancing 6G Urban Networks: A Stochastic Geometry Framework for mm Wave-ISAC Systems"	Anusandhan National Research Foundation (ANRF) PM Early Career Research Grant (DST, New Delhi
18.	Dr. Amit Aherwar Mechanical Engineering	"Plasma-Sprayed Hydroxyapatite-Coated Alumina Composites for Hip Implants: Balancing Strength, Wear Resistance, and Corrosion Protection"	Anusandhan National Research Foundation (ANRF) PM Inclusivity Research Grant (IRG) (DST, New Delhi
19.	Dr. Aftab Ahmed Ansari Centre for Internet of Things	"Design and Development of Advanced Intelligent Controller based DFIG-led wind Energy Systems for Enhanced Fault Ride-Through Operation"	Anusandhan National Research Foundation (ANRF) PM Early Career Research Grant (DST, New Delhi)
20.	Dr. Soumyajit Ghosh Centre for Internet of Things	Residential Load Disaggregation Using Smart Meter Data	Anusandhan National Research Foundation (ANRF) PM Early Career Research Grant (DST, New Delhi)
21.	Dr. Himmat Singh Ahirwar Electrical Engineering	Evolutionary Computing Based Approach for Reactive Power Management in Power System	Anusandhan National Research Foundation (ANRF) (under Inclusivity Research Grant (IRG) DST, New Delhi)
22.	Dr. C.S. Malvi Mechanical Engineering	Thermal and acoustic assessment of muffler using different glass fibers	Inclusive Research Grant (IRG), ANRF, DST, New Delhi
23.	Dr. Yashwant Sawle Electrical Engineering	Scrutiny of Scalable Hybrid Solar-Biogas-Hydrogen Systems for Sustainable Livelihoods"	Inclusive Research Grant (IRG), ANRF, DST, New Delhi

➢ The details are available at:

https://docs.google.com/document/d/1IFawYV6NLC5H7VOkk4z9HoNbuf69vc0b/edit?usp=drive_link&ouid=104620522594504000136&rtpof=true&sd=true

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Item-8: To present the proposal submitted by the Hackathon Committee constituted vide order no. DfoET/MP/2024/262 dated 20th September 2024

Proposed Hackathons for the Year 2025

S. No.	Name	Level	Duration	Expected no. of Participants	Tentative Dates	Prize Amount	Estimated Expenditure (approx. in Rs.)
1	Code Coalescence	University Level (Internal)	12 Hrs. (08:00 AM to 08:00 PM)	180 (30 Teams * 6 Members)	28 February, 2025	Rs. 15,000/- (First), Rs 10,000/- (2nd), Rs. 5,000/- (3rd)	Rs. 50,000/-
2	Nationwide Innovators	National Level	48 Hrs.	240 (40 Teams * 6 Members)	Last week of August, 2025	Rs. 50,000/- (1st), Rs 30,000/- (2nd), Rs. 20,000/- (3rd)	Rs. 3,50,000/-
						Total Expenditure (approx.)	**Rs. 4,00,000/-**

Experts for evaluation:
- Faculty members from various departments of the university - for the internal hackathon.
- Industry persons, academicians from HEIs and Inhouse Experts - for the national level hackathon

Objectives of the Hackathons:
- Provide a platform for participants to create functional prototypes in a short period of time.
- Encourage participants to think outside the box and develop creative solutions to real-world problems.
- Enable teams to experiment with cutting-edge technologies like AI, blockchain, IoT etc.
- Offer participants the chance to develop new technical skills in a practical, team-based environment.
- Generate innovative ideas that could potentially turn into successful projects, startups, or business ventures.
- Build a stronger network of developers, innovators, and thought leaders to facilitate future cooperation.

    Noted.

Item-9: To apprise about the new initiative taken to conduct VII Semester in blended mode by offering MITS MOOCs

➢ It was decided in the meeting of the Academic Advisory Cell (AAC) to initiate the MOOCs development preparation for the Departmental Elective (DE-3) and Specialization Course (SPC-3) of VII semester, 2024- 25 admitted batch under the MITS-DU.

➢ For 2023-24 & 2022-23 students also the courses presently being offered in traditional mode in their VII semester scheme, can be offered through MITS-MOOCs, keeping the evaluation mechanism in traditional mode.

The involvement of students of VII semester can be increased towards placement related activities, group discussions, expert sessions, preparation of competitive examinations through conduction of Mock Tests etc. Help from outside experts may also be sought for these activities.

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Through order no 278 dated 05/11/2024 the list of proposed MOOCs was requested from the departments to be offered in the VII semester.

➢ In response to order number 278 dated 05/11/2024, various MOOCs have been proposed by the different departments.

➢ Details are available at:

https://drive.google.com/drive/folders/1VCoXk3U7l5MpYs4y-JuSVGvoGG7Y_4m?usp=drive_link

➢ **The IQAC appreciated the initiative taken to conduct VII Semester in blended mode by offering MITS MOOCs**

Item-10: To present the MOOCs development status in the Digital Studio of the MITS-DU (1st October-9th December 2024)

Status Report of MITS MOOCs Recording
From 1 Oct 2024 to 9 Dec 2024

Total Courses in MITS MOOCs Production	8
Total Lecture Recorded	41
Total Completed Courses	1
Total In Progress Courses	7

S.N.	Name of Course	Faculty	No.of MOOCs Total Lecture Recorded	Course Duration	Course Status
1	EEG Signal Processing Using Python	Dr. Hemant Choubey	14	4Week	Completed
2	Signal Transformation Techniques	Dr.Rahul Dubey	4	8Week	In Progress
3	Computer Vision	Dr. Nookala Venu	1	8Week	In Progress
4	data science	Dr. Rohit Agrawal	8	8Week	In Progress
5	High Speed Network	Dr. Gagandeep Kaur	2	8Week	In Progress
6	Advanced Machining Processes	Dr. Gavendra Norkey	8	8Week	In Progress
7	Signal Processing Techniques and Its applications	Dr. Hemant Choubey	2	12Week	In Progress
8	Cloud Computing	Dr. Smita Parte	2	8Week	In Progress

➢ **The Overall Status**

Status Report of MITS MOOCs Recording
Total Course Status

Total Approved Courses in MITS MOOCs	57
Total Lecture Recorded	780
Total Completed Courses	26
Total In Progress Courses	21
Total Pending Courses	10

The full status is available at:

https://drive.google.com/drive/folders/1lMXqcC1FaIDvWPvC_WXy8eLE57unKheJ?usp=drive_link

Noted the status of MOOC Development.

Item-11: To review the status of Micro Project-I (First year 2024 admitted batch)

➢ As per Scheme-Structure of Under Graduate Programme, every student of I year will prepare & present a Micro Project which will be evaluated through an interdisciplinary project evaluation committee.

➢ The details are available on:

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https://drive.google.com/drive/folders/1Mh1_gqLTJW7sb1JnV9Gavgc2nRpXpFFm?usp=drive_link

➢ **The house reviewed and appreciated the Micro Projects developed by students.**

Item-12: To apprise the house about the initiative taken for handling the issues of learners with Different Learning abilities

➢ The following steps are identified for handling the issues of learners with different abilities.

[1] Identification of students with learning issues (Already done by the departments based on attendance and mid-semester examination performance)

[2] Identification of problems/ issues of students with learning issues (Schedule a meeting with the students, maintain records)

[3] Identification of strength of students with advanced learning abilities (Schedule a meeting with students, maintain records)

[4] Actions to be taken for improvement in student with learning issues (Remedial classes, Unit wise question bank based on previous year question papers, Extra quizzes for practice, Extra assignments for practice, Virtual labs for better understanding of course)

[5] Action to be taken in the support of students with advanced learning abilities
- *Higher level of learning through assignments/ quizzes (GATE/IES/PSU exam based).*
- *Virtual labs for better understanding of course*
- *Motivation for learning through MOOC and earning SWAYAM/ NPTEL certificate.*
- *Motivation for opting minors and honours.*
- *Motivation for participation in Hackathon*
- *Support in Placements & career growth through workshops and Alumni interaction.*
- *Support in higher education & career growth through Research Internship Scheme and publication of research papers*

[6] Performance assessment and progression records of students with different learning needs to be maintained.

[7] The above guidelines are 'suggestive', the course faculty and departments can evolve their own additional methods of addressing the special needs of students with different learning needs and record those in the enclosed formats.

All the above documents will be part of the course file of the faculty. Each course faculty has to keep these records according to the above guidelines.

➢ The department-wise details are available at:

https://drive.google.com/drive/folders/1MtEkfEuT80vyupUf7BWjdO1hMwVZcQWv?usp=drive_link
 Sample for one programme is available on
https://drive.google.com/drive/u/2/folders/1qyg7J8la_V2cwIGBqQKUPooDp7ojhnfM

➢ **The members of IQAC appreciated the efforts taken for handling the issues of learners with Different Learning abilities.**

Item-13: To report about student support initiative through active dialog sessions
➢ Every Department conducted meeting with the first year students to get their perspective on T-L-E, infrastructure and overall experiences. (As per the institute practice adapted in the past also)
➢ **The ATR will be presented in the next meeting.**

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➢ **The members suggested that a profiling of students of 2024 admitted batch should be done to record their individual attributes, hobbies, proficiencies etc.**

➢ The details are available at:

https://drive.google.com/drive/folders/1I4uykx52hMKERuChy7krAlyeyLbUJcii?usp=drive_link

Sample of one programme is available at:

https://docs.google.com/document/d/1auTyHDW1xfrjVZBvvhOHi0N51B7lMnRu/edit?usp=drive_link &ouid=104620522594504000136&rtpof=true&sd=true

Item-14: To review the report of Skill Enhancement Programme (SEP)

➢ **The house reviewed the following report of Skill Enhancement Programme (SEP):**

- Duration: 04-Weeks
- Registration Last Date: 19th May, 2024 till 11:59 PM
- Program Start from: 22nd May, 2024
- No of SEP Modules offered: 08
- No of faculty members worked as Module Coordinator: 09
- No of beneficiaries: 241

➢ The details are available on:

https://drive.google.com/drive/folders/1pDS8ec-My8KJOPq3Nlp0N_QBULEeWIPr?usp=drive_link

Item-15: To apprise about the conduction of Academic Audit on 14 & 15th December, 2024

➢ **The Dean Faculty of Engineering & Technology has briefed the house about the conduction of Academic Audit on 14 & 15th December, 2024**

➢ **Dates: 14 & 15 December 2024**

➢ **Audit Parameters/Activities: 22**

➢ **Period: 1 July 2023 to 30 June, 2024)**

➢ **External Auditors:**

(i) Dr. N. C. Shivaprakash, Ex Professor, Department of Instrumentation and Applied Physics, Indian Institute of Science Bangalore

(ii) Dr. B. B. Goyal
    Professor
    University Business School
    Panjab University, Chandigarh,

➢ The detailed report will be presented in the next meeting

Item-16: To report on the conduction of the Ph.D. course work (List of DCs, DLCs from PhD Scheme)

➢ Departments offering Ph.D. Programme: 11

➢ Ph.D. Scholars under MITS-DU: 47

Details of MC, DC, DLC, MOOC and Open Seminar are available on:

https://drive.google.com/drive/folders/1yHy7OwvnNhbj0W99d8gv4vzp5PCl9war?usp=drive_link

➢ **Noted**

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Item-17: To apprise about allotment of ISSN number to the MITS Journal

1. Launch of MITS Journal (vol 1) : 20 April 2024
2. Applied for ISSN : 27 June 2024
3. ISSN received : 11 Nov 2024
4. ISSN : 3048-7919 (Online)

Webpage for Journal:
https://mitsjournal.mitsgwalior.in/

Details are available on:
https://drive.google.com/file/d/1UzONC5Ma1xmoX2--5rK4MaRig3kqxU6q/view?usp=drive_link

> **Noted**

Item-18: To present the status and action taken by the Competitive Codding committee constituted vide order no. DfoET/MP/2024/263 dated 20th September 2024

> The **competitive programming initiative** at Madhav Institute of Technology & Science (MITS), a Deemed University, focuses on nurturing and enhancing students' problem-solving skills through programming challenges.
> It aims to prepare students for competitive coding contests hosted by platforms like **CodeChef, Codeforces, HackerRank, LeetCode,** and **Topcoder**, along with technical interviews and hackathons.
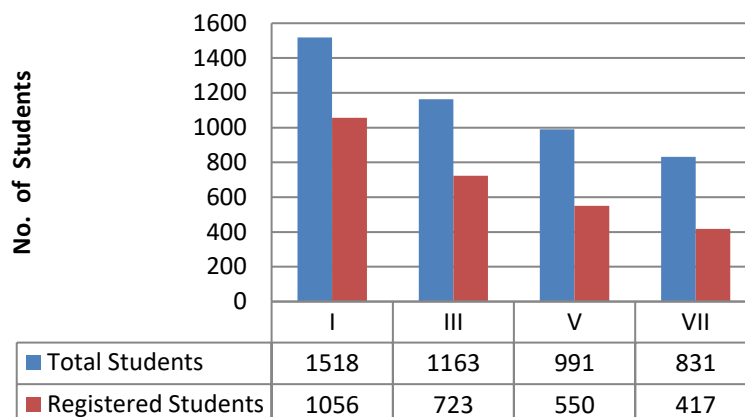
Benefits for Students:

- Improved analytical thinking and coding efficiency.
- Enhanced resume and career prospects for placements and internships.
- Opportunity to represent the institute at prestigious coding events globally.
- Networking with peers, alumni, and industry leaders in the field of computer science.

Registration Status:

Registration processes is going on and till date out of 4505 students 2746 are registered the registration % is 60.98

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Registration Details

	I	III	V	VII
■ Total Students	1518	1163	991	831
■ Registered Students	1056	723	550	417

Semester	Total Students	Registered Students	Registration %
I	1518	1056	**70**
III	1163	723	**62.16**
V	991	550	**55.49**
VII	831	417	**50.18**

Semester wise registration details

- To circulate information rapidly and facilitate the sharing of updates, a dedicated category has been created under the MITS blog. The link to access the forum is as follows:
https://insight.mitsgwalior.in/competitive-programming
- A video guide for the registration process has been recorded and can be accessed at the following link:
https://web.mitsgwalior.in/index.php/competitive-programming

Faculty and Students coordinators:

- A total of **108 student coordinators** have been appointed to support the competitive coding initiative. They will assist in organizing events, guiding participants, and ensuring smooth operations to promote a strong culture of competitive programming within the institution.
- A total of **13 faculty coordinators**, one from each department, have been appointed to facilitate the competitive coding initiative by coordinating departmental activities and supporting students effectively

Details are available on:
https://drive.google.com/drive/folders/1N8oxsR5bnWyg4dtPv2Lf2KZ1Gf5dfpHh?usp=drive_link

➢ **The initiative was appreciated by the members of IQAC.**

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Item-19: To report about conduction of International Conference ICSISCET-2024

- The Dean Faculty of Engineering & Technology has briefed the house about the conduction of International Conference ICSISCET-2024
- **ICSISCET 2024 (26-27 October 2024)**
  - Number of papers submitted: 250
  - Number of papers accepted and registered: 34
  - Number of reviewers: 266
  - Invited Speaker: 08
  - Number of countries from where papers were received: 10 (Algeria, Bangladesh, India, Morocco, New Zealand, Russian Federation, Serbia, Sri Lanka, United States, USA and others)
  - Acceptance rate: 14%
  - Publication series: Springer Book Series, 'Algorithms for Intelligent Systems'.
  - Keynote speakers:
    a. Dr. Somesh Kumar, ABV- Indian Institute of Information Technology & Management, Gwalior
    b. Prof. Sanjay Agrawal, Chhattisgarh Swami Vivekanand Technical University (CSVTU)
    c. Dr. Shailendra Kumar, Indian Institute of Technology (IIT), Bhilai
  - Number of Parallel sessions: 07
  - Track names: Advances in Intelligent Computing, Sustainable Engineering Systems, and Practices, Computational Intelligence & Machine learning, Embedded Systems & VLSI Design, Sustainable Computing and Information Technology

https://drive.google.com/drive/folders/1RHQ7Kh2vTke4JEp8TgmYqyaC_bSTroXE?usp=drive_link

Item-20: To report on the proposed conduction of the International Students Conference (3rd ISCMCTR 2025) in March 2025

- The Dean Faculty of Engineering & Technology has briefed the house about the International Students Conference (3rd ISCMCTR 2025) conducted in March 2025

  Proposed Dates: **29-30 March 2025**

  Objective: The **3rd International Student Conference on Multidisciplinary and Current Technical Research (ISCMCTR 2025)** will serve as a platform for researchers, students, and industry professionals to showcase and publish their latest innovations, models, algorithms, practical case studies, experimental results, and analyses with specific outcomes. The primary objective of ISCMCTR 2025 is to provide a prominent forum for cutting-edge advancements in various fields, including Power Systems, Renewable Energy, Energy Storage Systems, IoT Data Science, Artificial Intelligence, Machine Learning, Data Mining, Industry 4.0, Control Systems, Robotics, Materials, Design, Smart Computing, Networking, Communication, and more

  Website: iscmctr2025.mitsgwalior.in/

https://drive.google.com/drive/folders/1RHQ7Kh2vTke4JEp8TgmYqyaC_bSTroXE?usp=drive_link

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Item-21: **To apprise about the Placement status for the passing out batch 2024.**

YOP -->	2024
Total Intake	1200
Total Eligible	1093
Total Company	137(78 on Campus)
Total Placement	616
In % age out of Eligible	56.35
%age out of Intake	51.33
Average CTC (in LPA)	**5.3**
Highest Package (in LPA)	**25.56**

➢ For the passing out batch 2025, total 325 students are placed out of 1135 eligible students and 20 companies have visited so far.

The Details of Placements:

https://drive.google.com/drive/folders/1ttaZmGvpAfpZjaBtGf-bfM1eTeKv4KrX?usp=drive_link

Noted.

Item-22: **To apprise the members about new initiate taken to showcase the sports activities of the University through the dynamic website**

— Sports page is created on the University website with access to the sports cell so that the activities in the form of photos, videos, news clips etc. can be shared on a continuous basis.

The link for the sports page is: https://web.mitsgwalior.in/new-sport-page/new-sport-landing-page

(Activities Organised Sept-Nov. 2024)

S. No.	Name of Activity	Date	Level of activity	Number of students participated	Position
1.	Volleyball (M & W) Tournament	05/10/2024 to 06/10/2024	Inter Department	8 Mens team 2 Girls team (Total Players participated = 98)	Mens Winner – 1st Year team Women Winner- 2nd Year team
2.	Basketball (M &W) Tournament	12/10/2024 to 13/10/2024	Inter Department	12 Mens team 2 Girls team (Total Players participated= 140)	Mens Winner – Final Year Women winner- 2nd Year
3.	Badminton (M & W) Tournament	19/10/2024 to 22/10/2024	Open Tournament	64= Single 32= Doubles 16= Mix doubles (Total players participated =112)	Mens single winner- Ayush Nagle – AIDS-III Year Mens Double Winner- Ayush & Arbav Women Single Winner- Amrisha Singh – III Year IT

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					Mix Double Winner- Ayush & Amrisha
4.	Football (M) Tournament	26/10/2024 to 27/10/2024	Inter Department	6 team participated (Total players participated =90)	Winner- team miracle Runners up- young boys team
5.	Kho-Kho (M & W) Tournament	09/11/2024 to 10/11/2024	Inter Department	4 Boys team 2 Girls team (Total Players participated = 72)	Winner mens – 2nd Year Winner Women-2nd Year
6.	Cricket (M) Tournament	15/11/2024 to 17/11/2024	Inter Department	13 team participated (Total players participated =195)	Winner- Final Year Runners up- III Year

➤ The details are available on:

https://drive.google.com/drive/folders/1POL5oxwUdFhAfwKLgGpQ3dKQZYNNcxB?usp=drive_link

Noted.

Item-23: To review the Club Activities conducted during 2024-25 (01.01.24 to 28.12.24).

S. No.	Duration	No. of Club Activities Conduced
1.	January to February, 2024	36
2.	March to May, 2024	19
3.	June to August, 2024	16
4.	September to December, 2024	40
Total Activities by 69 Clubs		**111**

Summary of Club – Society Activity

S.No.	Club Name	Coordinator Name	Number of Activity	Number of Students
1.	3D Forge Fest'	Dr.Nitin Upadhyay	01	20
2.	Art Club	Prof. Pooja Sahoo	09	258
3.	ASIMOV ROBOTICS CLUB	Prof. Karuna Markam	04	272
4.	Bandish, The Music Club of MITS	Dr. Mir Shahnawaz Ahmad, Dr. Arun Kumar	14	319
5.	Chemical Engineering Club	Prof Shivangi Sharma	01	35
6.	Creative Architects Club	Ar. Satyam Shukla	04	312
7.	Dance Club	Dr. Parul Saxena	02	34
8.	Digital Learning Club	Dr. Punit Kumar Johari	01	56
9.	Electronics Club MITS	Prof. Madhav Singh	01	261
10.	FUNTECH CLUB	Dr. Tej Singh and Dr. Priyanka Garg	07	412
11.	Hindi Samiti	Dr. Shubhi Kansal	03	910
12.	Holistic Health Club	Prof. Vishal Chaudhary	04	195
13.	Lafz-e-Bayan	Dr. Atul Kumar Ray	02	132
14.	LEARN BY FUN	Dr Smita Parte	04	220
15.	Mathematics Club	Dr. Vijay Shankar Sharma	01	358

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16.	MITS Code War club	Dr Rajni Ranjan Singh, Dr. Gagandeep Kaur	02	100
17.	Nutrition Ninja	Dr Anjula Gaur	02	516
18.	Outreach Club MITS	Dr. Priyanka Garg	01	139
19.	Prakriti Club	Dr. Hemant Choubey	02	75
20.	Querencia, Literary Club	Dr. Sanjeev Khanna	01	28
21.	Red Ribbon Club	Prof Deep Kishore Parsediya	01	97
22.	Science Club MITS	Dr. Anjula Gaur	04	408
23.	SkyRoads Club	Prof. Neha Bhardwaj	06	272
24.	Social Media Awareness Club	Dr. Monica Chauhan Bhadoria	01	18
25.	Soft Civil Club	Dr. Abhilash Shukla	04	305
26.	Sports Club	Dr. BPS Bhadoria	01	707
27.	Stop Not Club	Dr. Shubhi Kansal	01	20
28.	The Speakers Club	Dr. Surendra Kumar Chourasiya	05	285
29.	Google Developer Student Clubs	Prof. R.S. Jadon	03	670
30.	Indian Society for Technical Education Students Chapter MITS	Prof. Vishal Chaudhary	06	960
31.	IETE (Institution of Electronics and Telecommunications)	Dr. Vandana V. Thakare	13	1404
		Total	111	8741

> Review of Clubs was done in during 4th -9th December 2024 and on the basis of review process, 53 clubs are recommended for next six months (January-June-2025). The list is available at:
> **https://drive.google.com/file/d/1BP3IzoQCgCCJwFDcg5NVm81GhYIrxPUy/view?usp=drive_link**
> The Details of Club Activities:
> **https://drive.google.com/drive/folders/1mpEf4WffJgqv_b_3ZLiypKF6iXy3Gwfz?usp=drive_link**

> **The house reviewed the status and appreciated the efforts of students and Faculty mentors in organizing various events under clubs.**

Item-24: To review the launching of the new initiative "MITS Blog" called "Insight MITS" by the MITS-DU

> **Dr. R R Singh Makwana, IQAC member briefed about the new initiative "MITS Blog" called "Insight MITS" by the MITS-DU.**
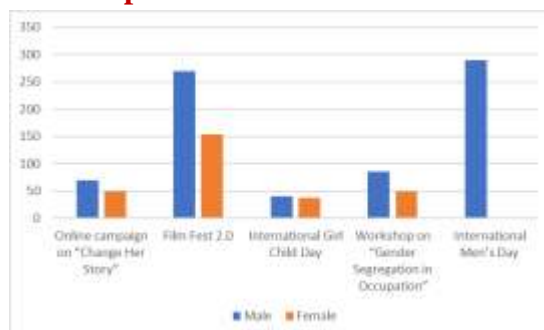
— The **MITS Blog** is a dedicated platform for **students and faculty** to share insights, experiences, and achievements while fostering a culture of learning, creativity, and collaboration.

— It serves as a space where academic excellence, innovative ideas, and campus activities are showcased to inspire the MITS community and beyond.

— The idea is to showcase and share activities, achievements, innovations worth mentioning through this blog and get the views of other stakeholders.
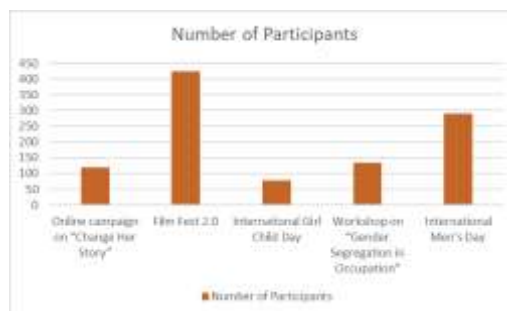
The forum can be accessed from: https://insight.mitsgwalior.in/

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Item-25: To review and report on the activities of the Girls Grievances Cell/ Gender Sensitization Cell (August to Dec-2024)

S. No.	Name of Activity	Period from	Period to	Number of Participants		External Resource Person
				Male	**Female**	
1.	Online campaign on "Change Her Story"	28.08.2024	05.09.2024	70	50	Yes
2.	Film Fest 2.0	24.09.2024	26.09.2024	270	153	No
3.	International Girl Child Day	11.10.2024	11.10.2024	40	37	Yes
4.	Workshop on "Gender Segregation in Occupation"	26.10.2024	26.10.2024	85	49	Yes
5.	International Men's Day	19.11.2024	19.11.2024	290	0	No

Number of Male and Female Participation in 2024-2025

Overall Participants in 2024-2025

➤ The details are available on:

https://drive.google.com/file/d/1DZtt2HDsE96MAtTNiO3o0qhNTjxi1J29/view?usp=drive_link

Noted.

Item-26: To apprise the visits of school students to showcase the Academic & Research facilities of MITS-DU

Sr. No.	Name of Schools	Date of Campus Visit	Total No. of Students
1.	CM Rise Govt. Model Hr. Sec School, DD Nagar, Gwalior	22.10.2024	100
2.	Govt Girls Hr. Sec. School Kailarsh, Dist-Morena	24.10.2024	60
3.	PM Shri Kendriya Vidyalaya, Morena	29.10.2024	146

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4.	Others 22 School (Tech-Skills Internship)	13-24 May 2024	57

Noted.

Item-27: **To review the Exit Survey report for 2024 pass out students**

Exit Survey June 2024	Registered Students	Response	% Resp.	Exit Feedback Index (Out of 5)
Feedback Date:	1149	1034	89.99	**3.22**

	Label	Questions	Average	Above average	Good	Very Good	Excellent	Exit survey Index	Comment
7	1	Rate the Faculty Teaching Approach in the UG or PG Programs.	124	72	357	325	156	3.31	Satisfactory
8	2	How were the teaching methods of faculty ? Methods such as participative learning, experiential learning, and problem solving methodologies for enhancing learning experiences were used.	124	108	362	293	147	3.22	Satisfactory
9	3	How was the usage of Learning and Technological Resources like LCD Projectors, Online Meetings /Boards, Multimedia etc. by faculty in the class?	163	110	335	268	158	3.14	Satisfactory
10	4	The full Syllabus of courses was completed through regular and additional/remedial classes	136	101	367	284	146	3.20	Satisfactory
11	5	Relevance of Course curriculum or Program to Your Career Goals or Further Study.	167	98	342	268	159	3.15	Satisfactory
12	6	How was the teachers preparedness and communication in the class?	115	90	341	306	182	3.34	Satisfactory
13	7	Does Faculty communicate to you about Course Outcomes (CO), Program Outcomes (PO) and expected learning & competencies from the course?	110	93	316	310	205	3.39	Satisfactory
14	8	Institute helps you to improve your soft skills, life skills and employability skills to make you ready for Industry or Placements -	212	125	319	227	151	2.98	Concern
15	9	Institute support in Internships, Industrial Visits, Project work, Students exchange and other related activities was	221	123	297	244	149	2.98	Concern
16	10	How were the Student Organizations, Technical & Social Clubs for your overall growth and learnings ?	157	112	349	256	160	3.15	Satisfactory
17	11	Promotion and Encouragement by Institute/Department for participation in Curricular and Extra-Curricular activities for development of students was	164	120	347	247	156	3.11	Satisfactory
18	12	Quiz and assignments given by Faculty were helpful in learning?	114	81	323	319	197	3.39	Satisfactory
19	13	Fairness of Internal Evaluation process by faculty	123	82	324	302	203	3.37	Satisfactory
20	14	Library Resources in the Areas of Engineering, Research, Journals & e-Journals, Technical Magazines etc.	148	110	324	276	176	3.21	Satisfactory
21	15	The flexible curriculum caters to individual career needs by providing choice of subjects. In your opinion, this curriculum approach is	123	90	351	301	169	3.29	Satisfactory
22	16	In the changing world knowledge of new technology and domains is expected from graduates. The NPTEL-MOOCs will help students in becoming self-learners and future ready	120	84	322	315	193	3.36	Satisfactory
23	17	First time an opportunity was given for a full semester internship/project in final year. This provision will help in the career planning and growth for you and the future batches.	102	62	308	324	238	3.52	Appreciation
24	18	Training & Placement Support.	255	128	311	191	149	2.86	Concern
25		Average exit survey						3.22	

➢ The details are available on:

https://drive.google.com/drive/folders/1jf_bi4d8SYH0I86R8LQLdTisDHP4Sc1a?usp=drive_link

➢ **The house reviewed the Exit Survey Report for 2024 pass out batch.**

Item-28: **To present the report of Learning Resource Centre (Library) for July-Dec 2024**

➢ The Learning Resource Centre (Library) report is available at:
https://docs.google.com/document/d/1_CAckekRUYTnB7BwZBC8Zk0-lpbSvqzh/edit?usp=drive_link&ouid=104620522594504000136&rtpof=true&sd=true

➢ **The house reviewed the Learning Resource Centre (Library) for July-Dec 2024.**

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Item-29: To report on the counselling sessions conducted for students (29th July to 30th November 2024)

The following activities were conducted during this period by the Student Counsellor:

1. Group Counselling Sessions:06
2. Individual Counselling: 263 sessions
3. Individual Counselling of students with psychiatric diagnosis and who are on medication:08

REPORT OF GROUP COUNSELLING SESSION
BY: DR. SAPNA KUMARI
STUDENT COUNSELLOR

Sl. No.	TOPIC OF GROUP SESSION	DATE	AIM AND OBJECTIVES	GLIMPSES
1.	STRESS MANAGEMENT AND COPING SKILLS Hostel No.5	14.08.2024	1. Students were able to come up with their questions regarding stress and coping. 2. Most students had concerns about confidentiality. 3. Question related to sleep hygiene was asked by the students. 4. Students asked questions related to stress and coping. 5. Students asked questions regarding the anger control and management. 6. Students asked questions about how to organize their life. 7. Students discussed about the negative and positive aspect of behaviour.	
2.	STRESS MANAGEMENT AND COPING SKILLS	15.08.2024	1. Students were cooperative and seem concerned about mental health. 2. They seemed very concerned about self-image 3. Time pressure and conflicting goals. 4. Lack Self-management.	

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| 3. | Awareness session regarding importance of counseling session in different departments | 15.09.2024 | 1. Individual counselling helps to remove or modify existing problems and mediate disturbed patterns of behaviour. 2. It also helps in promoting positive personality growth and development. 3. It helps a person in understanding of their own self and emotions 4. It helps a person in discovering personal strength and weakness. 5. Sharing worries with the expert helps a person feel less alone with the problem and teaches them a better way to cope. **OBJECTIVES:** 1. To understand the problems that is affecting the student 2. To help the students attain a positive mental health. 3. To help the students work through day to day problems. 4. To help them have a clear vision of their own self and to solve their difficulties. 5. To inspire successful endeavor towards attainment of life goals and happiness. | |

| 4. | Expert talk on Stress Management on the occasion of World Mental Health Day | 10.10.2024 at 4 pm onwards at Colloquium Hall. | 1. Identifying stress triggers 2. Developing coping strategies 3. Enhancing self-awareness 4. Developing a balanced lifestyle 5. Using effective relaxation and stress reduction techniques 6. Importance of counselling sessions | |
| 5. | Importance of Mental health | 26.11.2024 | 1. Talking openly about mental health can help reduce misconceptions and stigma, and encourage people to seek help. 2. Mental health awareness can help people recognize the ways mental illness impacts their lives, and educate them about importance of counselling 3. Mental health affects multiple aspects of wellness, including emotional, psychological, and social well-being. | |

| 6. | Importance of Mental health | 26.11.2024 | 1. Talking openly about mental health can help reduce misconceptions and stigma, and encourage people to seek help. 2. Mental health awareness can help people recognize the ways mental illness impacts their lives, and educate them about importance of counselling 3. Mental health affects multiple aspects of wellness, including emotional, psychological, and social well-being. | |

Dr. Sapna Kumari
STUDENT COUNSELLOR
MITS, GWALIOR

Noted.

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Item-30: **To review the report on various activities conducted under NSS & NCC.**

    (1) National Cadet Corps (NCC):

https://drive.google.com/file/d/1Tw09JB0euulMAMsknx74M85IVaM0cBZG/view?usp=drive_link

    (2) National Service Scheme:

https://drive.google.com/file/d/17QylmVczY1C_bfmvhu2Zj9h7xzsWxQtE/view?usp=drive_link

    Noted.

Item-31: **To review the new initiative taken to increase the effectiveness of the mentor-mentee system through monitoring on a monthly basis**

  — A numeric index is computed for each department on a monthly basis based on the percentage of mentor-mentee meetings conducted in the department

  — Along with this, the percentage beneficiaries of the system are also monitored on a monthly basis

  — On a scale of 5, the index grades the performance of the departments as excellent (5), very good (≥ 4), good (≥ 3), average (≥ 2.5) and below average (≤ 2).

  — The minimum target is recommended to be fixed at 3 or 60%.

Sample

Activity 2: Mentor-Mentee Interaction

Name of the Department	No. of mentors	No. of meetings as per calendar	Total No. of Meetings Scheduled (A)	No. of meetings actually held(B)	% of meetings conducted (B/A) *100	Total No. of mentees (C)	No. of mentees attended (D)	% of Mentees attended meeting out of total no. of mentees (D/C)*100	Remarks/salient observation by mentors/problems encountered if any (in Bullet Form)	Index	Rating
Architecture	8	1	8	0	0.00	18	0	0.00	Nil	0.00	Poor
Business Administration	7	1	7	0	0.00	31	0	0.00	Nil	0.00	Poor
Centre of Artificial Intelligence	24	1	24	0	0.00	303	0	0.00	Nil	0.00	Poor
Centre of IoT	16	1	16	3	18.75	78	19	24.36	NO	0.94	Poor
Chemical Engineering	4	1	2	1	50.00	20	5	25.00	Students found the activity very motivating	2.50	Satisfactory
Civil Engineering	18	1	18	1	5.56	109	5	4.59	Nil	0.28	Poor
									Nil	1.12	Poor
Computer Science & Engineering	22	1	22	3	13.64	165	37	22.42	1. Students were motivated to be active and take part in different activities of the Institute. 2. They were asked to report to Faculty mentor if they are having any personal or academic issue	0.68	Poor
Computer Science and Business System	4	1	4	4	100.00	75	41	54.67	NA	5.00	Excellent
Electrical Engineering	18	1	18	3	16.67	207	17	8.21	Nil	0.83	Poor
Electronics	22	1	22	2	9.09	156	12	7.69	1. Mentees demonstrate strong foundational knowledge 2. Overall positive attitude among mentees toward learning, with a few showing	0.38	Poor

The details are available at:

https://drive.google.com/drive/folders/1ULjUV6HKmDQrzBGKEc5AV95RBwHnVo9X?usp=drive_link

    Noted.

Item-32: **To inform the IQAC about framing of the new guidelines for the implementation of the evaluation process of the MITS-DU for 2024 admitted batch onwards, in line with the ordinances**

  — The necessary formats and guidelines were prepared and circulated.

  — A pre-review and analysis of minor/major examination question papers is initiated.

  — A paper quality index (PQI) is formulated based on the Bloom's Taxonomy.

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— Self-assessment by faculty and then a review by the HoD and one member of examination committee is proposed.

— Workshops are conducted for the faculty members to review and discuss the new mechanism which will be now in place.

Noted.

Item-33: To apprise about the notification for admission to Ph.D. Programme (2024-25) in the Thrust Areas

- ➢ **Commencement of Application Submission** — 06-12-2024
- ➢ **Last date of Application Submission** — 07-01-2025
- ➢ **Releasing list of shortlisted applicants for PPQE (Written Test)** — 17-01-2025
- ➢ **Written-cum-Interview** — 23-01-2025 & 24-01-2025

Discipline	Research and Development Groups
Engineering & Technology (Civil/CSE/IT/Electronics /Electrical/Mechanical /Chemical/AI/IoT /Mathematics & Computing/ Computer Application)	**Convergence Communications & Technologies Group** Next Generation Networks (NGN) and Communication Technologies, 6G and beyond, Green Communications, Quantum Communication, Cyber Physical System and Machine to Machine Communication
	Emerging Technologies Group Artificial Intelligence, Natural Language Processing, Blockchain Technology, Internet of Things for societal applications & disaster management, Robotics and IoT integrated smart buildings
	Smart Energy Systems Group Smart Energy and Control Systems, Power Electronics and Microgrid / Smartgrid, Sensors & Sensing Technologies for Green Energy, Hydrogen and fuel cell technologies
	Sustainable Development Group Sustainable Environmental Solutions, Sustainable Green Concrete, Climate Change and Extreme Events, Circular Economy
Engineering Sciences (Mathematics/ Applied Sciences/ Mechanical Engineering)	**Nano Science and Advanced Material Group** Nano-X (Nano scale materials and devices), Nano Fluid Flows, Integrated Computational Engineering (ICE) and High-Performance Materials for Energy Conversion.

Noted.

Item-34: To apprise about the notification for regular Faculty Recruitment.

- ➢ **Position: Assistant Professor**
- ➢ **Timeline: 30th October 2024 to 04th December 2024.**
- ➢ **Total Vacancy: 50**

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Sr. No.	Discipline	Vacancy			
		Assistant Professor			
		AICTE VII Pay Matrix: Level-10/57700-182400			
		ST	SC	OBC	UR
1.	Artificial Intelligence (AI)	-	-	01	02
2.	Artificial Intelligence (AI) and Data Science	-	01	-	02
3.	Artificial Intelligence and Machine Learning	01	-	01	03
4.	Civil Engineering	01	-	01	01
5.	Computer Science and Business Systems	01	-	-	02
6.	Computer Science and Design	01	01	01	01
7.	Computer Science and Engineering	02	01	01	03
8.	Electronics Engineering	01	01	01	01
9.	Electronics and Telecommunications Engineering	-	01	01	02
10.	Information Technology	-	-	-	02
11.	Information Technology (Artificial Intelligence and Robotics)	01	01	-	01
12.	Internet of Things (IoT)	01	01	-	01
13.	Mathematics and Computing	-	-	-	02
14.	Mathematics	01	01	-	02

Noted.

Item-34: Initiatives for increasing research & publications of institute during last 3 months

— One workshop on "Research Paper Writing" was conducted by the "Multidisciplinary Learning & Research Club" of the institute on 22nd November 2024 in collaboration with the student chapter of Indian Society for Technical Education.

The report is available at:

— Financial support for converting research work by the students in research papers in Scopus indexed journals/conferences & Recognized book chapters.

Google Form Link for Sanction [To be Filled before submitting the Note Sheet for Sanction]

https://forms.gle/D6fWHH7rZqUDdSdf7

Documents to be submitted:

a. Conference Brochure
b. Copy of Acceptance Email
c. 1st Page of Paper (To be published)

Google Form Link for Reimbursement [To be Filled before submitting the Note Sheet for Reimbursement]

https://forms.gle/TV7QH5AJRqS6H9BB9

Documents to be submitted:

a. Original Sanction Letter
b. Registration Fees Details
c. Copy of Paper Presentation Certificate
d. Transaction Receipt
e. 1st Page of the Published Paper

— Provision of seed money for supporting research of new faculty members is also in place.

Details are available at:

https://drive.google.com/drive/folders/1HtjYSjN9yR0ZSQz84aWbhQtq1hAH4kik?usp=sharing

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Item-35: Suggestions by members on different matters

— **Dr. Nameesh Miglani** suggested that a target of 2 paper/faculty can be fixed as a benchmark.

— **Dr. Keshav Pande** suggested that AI and Cyber Security sessions can be conducted in the institute for the interested citizens of Gwalior.

— **Shri Prashant Mehta** suggested that a national level cultural festival can be hosted to increase the visibility of the MITS-DU in the nation.

— In response to the information that many students do not report for placement interviews after registering for the process, member, **Shri Mohit Gupta** expressed concern that the attrition rate in more than 20% for the MITS students who are joining Eicher Motors.

— The research funding is a concern and steps need to be taken to enhance this initiative.

— **Dr. Nameesh Miglani** noted that the participation of students in NSS and social outreach needs to increase. Around 60% of the total students are expected to take part in extension activities.

— To fulfil the above objective, Department level extension activities also need to be enhanced. It was informed that each department has a faculty member who is NSS Coordinator**.**

— **Shri Dheeraj Gupta** suggested that companies should be called for internship placement also.

Media coverage of institute events

https://drive.google.com/drive/folders/17vNERogwdcFt2Sf6-ZZ8twbNyNkqjpVY?usp=drive_link

(Dr. Pratesh Jayaswal)   **(Dr. R. K. Pandit)**
Coordinator IQAC   **Vice Chancellor**

Date: 20.12.2024