

Annual Report **2024-25**



Pandit Dwarka Prasad Mishra
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, JABALPUR
(An Institute of National Importance established by an Act of Parliament)

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Welcome IIITDM Jabalpur friends & fraternity!

Indian Institute of Information Technology, Design and Manufacturing Jabalpur has the distinction of being the first institute established by MHRD (now MoE), Government of India with the primary objective of promoting high quality education in 2005. . The cherish aim is to produce talented and skilled human resource adept with the new knowledge for the growth of Indian manufacturing sector. The Institute provides a seamless environment for creativity and innovation. Faculty, students and alumni are making efforts to create commercial opportunities and build sustainable partnership with Indian Industry.

It is matter of great pleasure to share that the Institute has completed 20 years of existence on February 7, 2025. PDPM Indian Institute of Information Technology, Design & Manufacturing Jabalpur (IIITDMJ) was given the status of 'Institute of National Importance' by the IIIT Act, 2014. It is indeed a privilege for me to report the progress and achievements of the Institute in this historic year and to give a brief of some of the main activities and events that took place at the Institute in the year 2024-25.

This Annual Report showcases the fulfillment of the Institute for the duration of the year 2024-25. I am very much glad to share that this year, total 2566 students enrolled in undergraduate, postgraduate and doctoral research programmes, and expect our student the strength will rise consistently in coming years.

The E&ICT Academy, Phase II was sanctioned by the Ministry of Electronics and Information Technology in July 2024 with a total budget of 10.05 Cr. In the FY 2024-25, the Academy conducted 22 Faculty Development Programmes in niche areas of Engineering and Technologies. These programmes were conducted by the Academy in three modes (6 sole programmes, 4 with partner institutions and 12 joint programmes with all the Principal E&ICT Academies created by the MeITY, Govt of India). Total beneficiaries were 2381, out of which 2026 were faculty from colleges, universities and technical\professional institutes across India.

The 2024–25 placement season witnessed exceptional achievements, with 13 international offers, a highest international package of ₹80 LPA, and a highest domestic package of ₹87.54 LPA. Over 95 companies visited the campus, extending 346+ offers, with over 71% of students securing packages above ₹10 LPA. Prominent recruiters included Google, Adobe, NVIDIA, Salesforce, PayPal,

Deloitte, Goldman Sachs, Morgan Stanley, Oracle, Hyundai, and Rimo Japan, among others, reflecting the Institute's growing reputation for excellence.

The true strength of any academic institution lies in its faculty, who inspire and guide young minds toward excellence and innovation. IITDM Jabalpur takes pride in its distinguished faculty members, many of whom hold Ph.D. degrees from reputed institutions in India and abroad. Demonstrating a strong commitment to research and academic advancement, our faculty, in collaboration with research scholars, M.Tech, and undergraduate students, published 175 research articles in reputed international journals during 2024–25. In the same period, 52 patents were filed, 25 patents were published, and 9 patents were granted, reflecting the Institute's growing culture of innovation and impactful research.

The Institute takes great pride in its dedicated officers and staff, who form the backbone of its administrative and operational excellence. To promote professional growth and enhance efficiency, staff members are encouraged to participate in various training and skill development programs, enabling them to deliver quality service and progress in their careers.

Besides, imparting technical education the institute also focuses on all round development of the students and hence various extra-curricular activities like cultural, sports and technical are held to keep them motivated and actively involved in their academics. Enthuse 2024, held from 11th to 13th October 2024, was IITDM Jabalpur's grand inter-year sports fest celebrating athletic excellence, teamwork, and campus spirit. Students from all batches participated enthusiastically across diverse events including athletics, cricket, football, badminton, basketball, volleyball, table tennis, lawn tennis, kabaddi, chess, carom, and powerlifting. The 2nd Year emerged as the overall champions, with the 3rd Year as runners-up. Notable victories included 2nd Year triumphs in badminton (boys) and table tennis, while the 3rd Year claimed the football title in a dramatic penalty shootout. The fest not only showcased sporting talent but also embodied camaraderie and competitive spirit across batches. Beyond sports, IITDMJ's Science & Technology Council and Cultural Clubs achieved remarkable national recognition. Highlights included wins in Smart India Hackathon, SAE Aerothon, Techkriti IIT Kanpur, GSoC selections, and Astroquiz IIT-BHU, reflecting the institute's strong technical and innovation culture. The Cultural Council shined at prestigious fests such as Antaragni (IIT Kanpur) and Alcheringa (IIT Guwahati), earning top honors in origami and street play competitions.

I am pleased to share that the Institute has been actively participating in various initiatives of the Government of India from time to time. The Institute celebrated Hindi Pakhwada 2024 from September 14 to 28, 2024, with great zeal and enthusiasm. A major highlight of the celebration was the observance of Hindi Diwas on September 14, commemorating the adoption of Hindi as the official language of India in 1949. During the fortnight, several competitions—including essay writing, Hindi speech, and Hindi noting and drafting—were organized for employees and students. The events witnessed wholehearted participation from the Institute community, and the winners were felicitated with prizes in recognition of their commendable performance.

In addition, the Institute continues to actively support the Swachh Bharat Abhiyan launched by the Government of India. Faculty members, students, and staff have enthusiastically taken part in cleanliness drives conducted within the campus, in nearby villages, and at various public monuments in Jabalpur.

This year has been a year of achievements and the campus has also witnessed enormous progress in every field. Students, faculty and staff have made significant contribution in building the traditions and culture of the Institute.

(Bhartendu K. Singh)
Director

Brief Historical Background

PDPM Indian Institute of Information Technology, Design & Manufacturing Jabalpur (PDPM IIITDMJ) was established by the Ministry of Human Resource Development, Government of India on January 24, 2005 under Madhya Pradesh Society Registration Act 1973. The foundation stone of the Institute was laid by Late Shri Arjun Singh Ji, the then Minister of Human Resource Development (MHRD) on February 7, 2005. The first academic session of PDPM IIITDM Jabalpur started from August, 2005. The Institute started operating from its temporary location in IT Bhawan of Jabalpur Engineering College. Prof Sanjay G. Dhande, Director, IIT Kanpur was given additional charge as the Director of the Institute. Simultaneously, efforts were on to find suitable land where the campus of the new Institute could be developed. On May 3, 2006 a land of 250 acres near Dumna Airport of Jabalpur was identified by the State Government of M.P. and was handed over to the Institute. Construction work of Phase I buildings was started in 2007.

Vision

PDPM Indian Institute of Information Technology, Design and Manufacturing (IIITDM) Jabalpur shall emerge as a Global Knowledge Hub for quality research and teaching under the broad area of Design and Manufacturing through cross disciplinary, innovative, futuristic and dynamic approaches.

Mission

To create an environment of high quality research and training that:

- Provides maximal opportunities for intellectual and creative development.
- Provides exposure to solve real life problems through interdisciplinary approaches.
- Encourages students to learn through inquiry and hands on experience rather than simple transmission of knowledge through class room teaching.

Values

Besides continuing its ongoing activities, the Institute seeks to act in a manner that is guided by a deep rooted sense of shared values and aspirations for its future planning. Working under such a sound frame of reference, the Institute:

- a. Seeks to establish and maintain an environment enabling academic community to take intellectual and creative risks and to embrace changes that will lead to the technological innovations and development in future years.
- b. Encourages, recognizes and rewards high performance in learning, teaching, scholarship, research and other creative activities by promoting intellectual curiosity and protecting the basic principles of academic freedom.
- c. Provides an environment that imbibes respect for nature and environment, culture and human values.
- d. Aspires to build an environment of tolerance and reasoned debate without any gender, caste, religious, regional or cross country bias by affirming the worth and personal dignity of every constituent member of the Institute and by contributing to a campus climate of civility.

No. of Faculty	73	
No. of Officers	10 (08 - Administrative Officers, 02 - Technical Officers)	
No. of Support Staff	48	
No. of Students	UG - 2317, Masters - 100, Ph.D. - 155	
Academic Programs	<ol style="list-style-type: none"> 1. B.Tech. - Computer Science and Engineering 2. B.Tech. - Electronics and Communication Engineering 3. B.Tech. - Mechanical Engineering 4. B.Tech. - Smart Manufacturing 5. B.Des. - Design 6. M.Tech. - Computer Science and Engineering 7. M.Tech. - Electronics and Communication Engineering 8. M.Tech. - Mechanical Engineering 9. M.Tech. - Mechatronics Engineering 10. M.Des. - Design 11. Ph.D. - Computer Science and Engineering 12. Ph.D. - Electronics and Communication Engineering 13. Ph.D. - Mechanical Engineering 14. Ph.D. - Design 15. Ph.D. - Natural Science (Mathematics) 16. Ph.D. - Natural Science (Physics) 17. Ph.D. - Liberal Arts (English) 	
Campus	1000000 Sqmt.	
Functional Building (Plinth Area)	126736 Sqmt.	
Building under Construction (Plinth Area)	N.A.	
	Major Occupied Building	01 Administrative Block 01 Core Lab Complex + Workshop Annexe 01 Lecture Hall and Tutorial Complex 01 Library cum Computer Centre 03 Hostels (Capacity 1400) 01 Girls' Hostel (Capacity 256)

		01 PG Hostel (Phase-I) (Married Accommodation) 01 PG Hostel (Phase-II) (Single Seated Accommodation) 01 Visitor's Hostel 01 Mess and Dining Hall 01 Narmada Residency - II (55 Nos. 2 BHK Flats) 01 Narmada Residency - III (60 Nos. 2 BHK Flats) 01 Rewa Residency-2 (Block A&B) (72 Nos. 2 BHK Flats) 02 Type V Quarters (2 Nos. 2 BHK Flats) 01 Primary Health Center 01 Security Barrack 01 Electrical Substation		
	Students Activity Center	01 Basket Ball Court (Indoor) 01 Lawn Tennis Court 01 Volley Ball Ground 01 Common Play Field + 400 mtrs track 01 Student Activity Center		
	Other building under construction	N.A.		
Total Institutional Project		Rs. 1105.57 Lakh		
Total Research Project		Rs. 768.66 Lakh		
Total Consultancy Project		Rs. 208500.00 Lakh		
Income (FY 2024-25) (Rs. in Lakh)	Grant in Aid 8452.00	Unspent Balance of FY- 2024-25 2311.59		
Expenditure (FY 2024-25) (Rs. in Lakh)	Capital (Head 35) 724.35	General (Head 31) 2533.99	Salary (Head 36) 3093.49	Total 6351.83

Administration and Governance: The Institute is now governed under the IIIT Act 2014. Under the said Act the following are the Administrative Authorities of the Institute :

- ★ Board of Governors (BOG)
- ★ Senate
- ★ Finance Committee (FC)
- ★ Building & Works Committee (BWC)

Board of Governors



Chairman

Shri Deepak Ghaisas
Chairman
Gencoval Strategic Services
Pvt. Ltd., Mumbai



Member (Ex-officio)

Ms. Tulika Pandey
Scientist G & Group Coordinator
Ministry of Electronics & Information
Technology (MeitY)
(01 October 2024 - onwards)



Member (Ex-officio)

Shri Nikunj Srivastava
Principal Secretary
Dept. of Science & Technology,
Govt. of M.P.
(01 April 2024 - 29 September 2024)



Member

Prof. Deepak Kumar Srivastava
Director
IIM Ranchi



Member (Ex-officio)

Shri Sanjay Dubey
Additional Chief Secretary
Dept. of Science & Technology,
Govt. of M.P.
(30 September 2024 onwards)



Member

Ms. Atreyee Borooh Thekedath
Founder Director
Web.com (India) Pvt. Ltd.
Guwahati



Member (Ex-officio)

Smt. Saumya Gupta
Joint Secretary (IIITs)
Ministry of Education,
Government of India



Member

Shri Prashant Pole
Director
Disha Consultants, Jabalpur



Member (Ex-officio)

Shri A.K. Pipal
Scientist G & Group Coordinator
Ministry of Electronics &
Information Technology (MeitY)
(01 April 2024 - 30 September 2024)



Member

Shri Subrahmanya S. V.
Former Vice President
Infosys Ltd., Bengaluru

Governance



Member
Prof. Pritee Khanna
Professor
PDPM IIITDM, Jabalpur
(07 May 2024 onwards)



Member (Ex-officio)
Prof. Bhartendu K. Singh
Director
PDPM IIITDM, Jabalpur



Member
Prof. Prabin Kumar Padhy
Professor
PDPM IIITDM, Jabalpur
(07 May 2024 onwards)



Secretary (Ex-officio)
Smt. Swapnali D. Gadekar
Acting Registrar
PDPM IIITDM, Jabalpur

Four meetings of the BOG were held during the year 2024-25.

Senate



Chairperson
Prof. Bhartendu K. Singh
Director
PDPM IIITDM, Jabalpur



Member
Prof. Pritee Khanna
Professor
PDPM IIITDM, Jabalpur
(01 April 2024 - 07 April 2024) as
Professor



Member (Ex-officio)
Dr. Mukesh Kumar Roy
FIC (Student Affairs)
PDPM IIITDM, Jabalpur



Member (Ex-officio)
Dr. Mohd. Zahid Ansari
Head (ME Discipline)
PDPM IIITDM, Jabalpur
(01 April 2024 - 23 January 2025)



Member (Ex-officio)
Prof. V. K. Gupta
PIC (Academic)
PDPM IIITDM, Jabalpur



Member (Ex-officio)
Prof. Tanuja Sheorey
Head (ME Discipline)
PDPM IIITDM, Jabalpur
(24 January 2025 onwards)



Member (Ex-officio)
Prof. Dinesh Kumar Vishwakarma
PIC (RSPC)
PDPM IIITDM, Jabalpur
(01 April 2024 - 07 April 2024)



Member
Prof. Tanuja Sheorey
Professor
PDPM IIITDM, Jabalpur
(01 April 2024 - 23 January 2025)



Member (Ex-officio)
Prof. Pritee Khanna
PIC (RSPC)
PDPM IIITDM, Jabalpur
(08 April 2024 onwards)



Member (Ex-officio)
Dr. Matadeen Bansal
Head (ECE Discipline)
PDPM IIITDM, Jabalpur
(01 April 2024 - 23 January 2025)



Member (Ex-officio)
Prof. Prabin Kumar Padhy
Head (ECE Discipline)
PDPM IIITDM, Jabalpur
(24 January 2025 onwards) as professor



Member (Ex-officio)
Dr. Bhupendra Gupta
Head (Natural Science)
PDPM IIITDM, Jabalpur
(24 January 2025 onwards)



Member
Prof. Prabin Kumar Padhy
Professor
PDPM IIITDM, Jabalpur
(01 April 2024 - 23 January 2025)
as professor



Member (Ex-officio)
Dr. Mamta Anand
Head (Liberal Arts)
PDPM IIITDM, Jabalpur



Member (Ex-officio)
Dr. Prabir Mukhopadhyay
Head (Design)
PDPM IIITDM, Jabalpur
(01 April 2024 - 23 January 2025)



Member (Ex-officio)
Dr. Ponappa K.
Head (Smart Manufacturing)
PDPM IIITDM, Jabalpur
(24 January 2025 onwards)



Member (Ex-officio)
Dr. Sangeeta Pandit
Head (Design)
PDPM IIITDM, Jabalpur
(24 January 2025 onwards)



Member
Prof. Aparajita Ojha
Professor
PDPM IIITDM, Jabalpur



Member (Ex-officio)
Dr. V.K. Jain
Head (CSE Discipline)
PDPM IIITDM, Jabalpur
(01 April 2024 - 20 November 2024)



Member
Prof. Puneet Tandon
Professor
PDPM IIITDM, Jabalpur



Member (Ex-officio)
Dr. Sraban Kumar Mohanty
Head (CSE Discipline)
PDPM IIITDM, Jabalpur
(21 November 2024 - 31 March 2025)



Member
Prof. P.N. Kondekar
Professor
PDPM IIITDM, Jabalpur



Member (Ex-officio)
Dr. Lokendra K. Balyan
Head (Natural Science)
PDPM IIITDM, Jabalpur
(01 April 2024 - 23 January 2025)



Member
Prof. Prashant Jain
Professor
PDPM IIITDM, Jabalpur



Member
Dr. Atul Gupta
Professor
PDPM IIITDM, Jabalpur



Secretary (Ex-officio)
Smt. Swapnali D. Gadekar
Acting Registrar
PDPM IIITDM, Jabalpur



Member
Prof. Sanjeev N. Sharma
Professor
PDPM IIITDM, Jabalpur

Two meeting of the Senate was held during 2024-25.

Various Standing Committees of the Senate

1. Students Advisory Committee of the Senate (SACS) (From April 01, 2024 to March 31, 2025)

- | | |
|------------------------------------------------------------|------------------------------------------|
| 1. Dr. M. K. Roy, FIC (Students) | - Convener |
| 2. Dr. Deepmala, Head (Counselling Services) | - Member |
| 3. Dr. K. Ponappa, Warden, Vasishtha Hostel | - Member |
| 4. Dr. Pankaj Sharma, Warden, Vivekananda Hostel | - Member |
| 5. Dr. Manu Srivastava, Warden, Maa Saraswati Girls Hostel | - Member |
| 6. Dr. Matadeen Bansal, (Faculty member other than Warden) | - Member |
| 7. Mr. Om Sharma (20BCS148) | - Member (Student Senate Representation) |
| 8. Mr. Aiyub Hasnain (21BEC069) | - Member (Student Senate Representation) |
| 9. Ms. Ankita Nemu (20PNP001) | - PG Coordinator, Counselling Service |
| 10. Mr. Shubham Chandravanshi (20BCS064) | - UG Coordinator, Counselling Service |

2. Scholarship and Prize Award Committee of Senate (SPACS) (From April 01, 2024 to Mar 31, 2025)

- | | |
|--------------------------------------------------|--------------------------------------------------------------------------------------|
| Mrs. Priti Patel, Assistant Registrar (Academic) | - Nodal Officer for Scholarship related matters with effect from September 23, 2024. |
|--------------------------------------------------|--------------------------------------------------------------------------------------|

3. Academic Programme Committee of Senate (APCS) (From April 01, 2024 to Mar 31, 2025)

- | | |
|-----------------------------------|--------------|
| 1. Director | - Chairman |
| 2. Prof. Aparajita Ojha | - Member |
| 3. Prof. Puneet Tandon | - Member |
| 4. Prof. P. N. Kondekar | - Member |
| 5. Dr. Prabir Mukhopadhyay | - Member |
| 6. Dr. Subir Singh Lamba | - Member |
| 7. Dr. Mamta Anand | - Member |
| 8. Professor In-charge (Academic) | - Ex-officio |

Other Committee

Institute Library Committee

(From April 01, 2024 to September 25, 2024)

1. Dr. Pankaj Sharma - Convener
2. Dr. Tushar Choudhary - Member
3. Dr. Tripti Singh - Member
4. Dr. Yashpal Singh Katharria - Member
5. Dr. Neelam Dayal - Member

(From September 26, 2024 to March 31, 2025)

1. Dr. Pankaj Sharma - Convener
2. Dr. Tushar Choudhary - Member
3. Dr. Tripti Singh - Member
4. Dr. Neelam Dayal - Member
5. Dr. Shivansh Mishra - Member
6. Dr. Deepmala - Member

Finance Committee



Chairman (Ex-officio)

Shri Deepak Ghaisas

Chairman

Gencoval Strategic Services Pvt. Ltd.,
Mumbai



Member

Shri Prashant Pole

Director

Disha Consultants, Jabalpur



Member (Ex-officio)

Smt. Saumya Gupta

Joint Secretary (IIITs)

Ministry of Education,
Government of India



Member (Ex-officio)

Prof. Bhartendu K. Singh

Director

PDPM IIITDM, Jabalpur
(01 May 2023 onwards)



Member (Ex-officio)

Shri Mukesh Kumar

Director (Finance)

Ministry of Education,
Government of India



Secretary (Ex-officio)

Smt. Swapnali D. Gadekar

Deputy Registrar

PDPM IIITDM, Jabalpur



Member

Ms. Atreyee Borooh Thekedath

Founder Director

Web.com (India) Pvt. Ltd.,
Guwahati

Two meetings of the Finance Committee were held during the year 2024-25.

Building and Works Committee



Chairperson
Prof. Bhartendu K. Singh
Director
PDPM IIITDM, Jabalpur



Member
Er. Jayant Kumar Gupta
EE (Civil)
CPWD, Bhopal



Member
Shri Atul Kumar Pandey
Project Engineer-cum-
Estate Officer
IIT, Indore



Member
Er. Sunil Trivedi
SE (Electrical)
MPPKVVCL, Jabalpur



Member
Shri Prashant Pole
Director
Disha Consultants, Jabalpur



Secretary (Ex-officio)
Smt. Swapnali D. Gadekar
Acting Registrar & OIC (Estate)
PDPM IIITDM, Jabalpur

No meeting of the B&WC were held during the year 2024-25.

Office Administration



Mr. R. P. Dwivedi
Joint Registrar
MCA, MPM, LLB
(Relieved on 24/02/2023 to join as
Registrar at IIPE, Visakhapatnam)



Mrs. Menika Patel
Assistant Librarian
Library
MLib



Mrs. Swapnali D. Gadekar
Acting Registrar & Secretary (BOG)
Deputy Registrar,
Finance and Accounts,
First Appellate Authority (RTI)
MBA



Mr. Shailesh Sharma
Assistant Registrar
Research, Sponsored Projects
& Consultancy (RSPC)
Purchase and Store, OIC VH
M.Com, MCA, LL.B., MA (Hindi)



Mr. Rizwan Ahmed
Deputy Registrar
Establishment
Internal Audit
General Administration
M.Sc., PGDHRM, LL.B.



Mr. Omvir Singh Bhaduria
Assistant Registrar
Placement cum Public
Relations Officer, IIC
ME, PGDBA



Mr. Santosh Mahobia
Assistant Registrar
Student Affairs, CPIO
Official Language Officer,
MBA



Mrs. Priti Patel
Assistant Registrar
Academics
MBA, MCA

Technical Officers



Shri D. S. Ramteke
Technical Officer
Machine Design
PhD – IIT Indore



Shri Aditya Sharma
Technical Officer
Computer Science & Engineering
M.Tech. (CS),
Jodhpur National University

GROUP 'B' STAFF

No.	Name	Designation
1.	Shri Ashok Kumar	Superintendent
2.	Shri R. K. Mishra	Assistant Engineer (Civil)
2.	Shri Sunil Jat	Assistant Engineer (Civil)
4.	Shri Aloysius Beenu Michael	Junior Superintendent
5.	Mrs. Megha Kushwah	Junior Technical Superintendent (Library)
6.	Shri Sandeep Awasthi	Junior Superintendent
7.	Shri Anil Kumar	Junior Superintendent
8.	Shri Dev Krishna Jha	Junior Superintendent
9	Shri Kanhaiya Lal Barmaiya	Junior Superintendent
10.	Shri Nishant Karda	Junior Superintendent
11.	Shri Mayank Sharma	Junior Engineer (Civil)
12.	Shri Piyush Jain	Junior Engineer (Civil)
13.	Shri Santosh Kumar Gouda	Junior Engineer (Electrical)
14.	Shri Sourav Garari	Junior Engineer (Electrical)
15.	Smt. Savita Shah	Staff Nurse (on contract)

GROUP 'C' STAFF

No.	Name	Designation
1.	Shri Praveen Armo	Senior Assistant
2.	Shri Kamlesh S Warkade	Senior Assistant
3.	Shri Jitendra Bahadur Singh	Senior Assistant
4.	Shri Pankaj Prajapati	Senior Assistant
5.	Shri Simanta Kar Gupta	Senior Assistant
6.	Shri Prashant Agnihotri	Senior Assistant
7.	Shri Rajesh Kumar	Senior Assistant

8.	Shri Adesh Kumar	Senior Assistant
9.	Shri Rajesh	Senior Assistant
10.	Shri Abhishek Bawane	Senior Assistant
11.	Shri Richard Saberio	Senior Assistant
12.	Shri Rahul Kumar Deshmukh	Senior Assistant
13.	Smt. Aishwarya Pradhan	Senior Assistant
14.	Dr. Sapana S. Tayade	Senior Technician (Library)
15.	Shri Akhilesh Shrivastava	Senior Technician
16.	Shri Alok Kulkarni	Senior Technician
17.	Smt. Bharti Kewat	Senior Technician
18.	Shri Piyush Kumar Usrethe	Senior Technician
19.	Shri Anup Bajpai	Senior Technician
20.	Shri Ghanshyam Meshram	Senior Technician
21.	Shri Mayur S. Mungole	Senior Technician
22.	Shri Anupam Shukla	Senior Technician
23.	Shri Varun Dubey	Senior Technician
24.	Smt. Aayasha B. Mansoori	Senior Technician
25.	Shri Milind P. Bobde	Senior Technician
26.	Shri Robinson George Markam	Senior Technician
27.	Shri Anup Kumar Gupta	Senior Technician
28.	Shri Tabish Khan	Senior Technician
29.	Shri Manoj Tigga	Senior Technician
30.	Shri Sumit Vishwakarma	Junior Assistant
31.	Ku. Neha Sharma	Junior Technician
32.	Shri Mohd. Izrael Khan	Driver
33.	Shri Ganesh Prasad Kashyap	Driver

Computer Science and Engineering

Department of Computer Science and Engineering (CSE) offers design-centric programs such as B.Tech in CSE, M.Tech in CSE with two specializations (AI & ML and Data Science), and Ph.D. programs in various research areas. The CSE discipline hosts around 1100 outstanding young minds not only from across the country but also from abroad to stride towards innovation, research, and development in various areas and nurture them to become good citizens to contribute to society.

The department laboratories are well equipped with powerful state-of-the-art Workstations, HPC Servers, Debian Linux servers, and network infrastructures such as the ISDN equipment, network distribution switches, firewall, and redundant wireless access controller to cater to the computing needs of the institute research and professional efforts, and to give exposure of the latest technological advances to the students in various fields of Computer Science and Engineering. The curriculum is being regularly upgraded to allow students to be equipped with the necessary skills required for efficient hardware-software interaction and system development. The graduates find broad scope in IT and product manufacturing-related industries in addition to application development avenues and higher studies.

The department has highly qualified faculty members, who graduated from reputed Universities/Institutions, and are involved in cutting-edge teaching and research in AI and Computational Intelligence, IOT and Embedded Systems, Networking and Security, and Image and Vision Engineering domains. The department has organized many national and international conferences, workshops, and national-level training programs.



Aparajita Ojha

PhD – RDVV Jabalpur
Professor

CAGD, Finite Elements, Spline Theory,
Approximation Theory, Wavelet Analysis



Pritee Khanna

PhD – Kurukshetra University
Professor

Computer Graphics, Dbms, Data Structures,
Algorithms, Computer Enabled
Product Design



Atul Gupta

PhD – IIT Kanpur
Professor

Software Engineering,
Machine learning



Sraban Kumar Mohanty

PhD – IIT Guwahati

Assistant Professor (Grade I)

I/O Efficient algorithms for Matrix
Computations



Vinod Kumar Jain

PhD – ABV-IIITM Gwalior

Assistant Professor (Grade I)

Location Estimation in Indoor Wireless Networks
(Upto 26/11/2024)



Manish Kumar Bajpai

PhD – IIT Kanpur

Assistant Professor (Grade I)

Parallel Algorithms, Image Reconstruction
(In lien)



Ayan Seal

PhD – Jadavpur University

Assistant Professor (Grade I)

Thermal Face Recognition for Biometric
security System (Image Processing and
Computer Vision)



Munesh Singh

PhD – NIT Rourkela

Assistant Professor (Grade I)

Wireless Sensor Network



Neelam Dayal

Ph.D. – MNNIT Allahabad

Assistant Professor (Grade II)

Software Defined Network Security



Durgesh Singh

PhD – IIT BHU

Assistant Professor (Grade II)

Image Processing



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PhD – IIIT Noida

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Machine Learning and
Computational Intelligence



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PhD – ABV-IIITM Gwalior

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Design for Trust Techniques for
Trustworthy System Design
(Upto 25/07/2024)



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PhD – IIT Roorkee
Assistant Professor
WebGIS, Deep Learning, Agriculture,
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Remote Sensing



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Cryptography, Cyber Security,
Blockchain



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PhD – JNU, New Delhi
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Data Warehousing, Applied Machine
Learning and Deep Learning, Soft
Computing



Shivansh Mishra
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Social Network Analysis, Link Prediction,
Community Detection, Influence
Maximization



Vikash Chouhan
PhD – IIT Indore
Assistant Professor
(16/08/2024 to 13/12/2024)

Journals

1. Jain, S; Jain, VK and Mishra, S, An efficient multi-objective UAV assisted RSU deployment (MOURD) scheme for VANET, Oct 1 2024, AD HOC NETWORKS 163, 103598.
2. Khan, AA; Akhter, MM; Mohanty, SK, L-ASCRA: A Linearithmic Time Approximate Spectral Clustering Algorithm Using Topologically-Preserved Representatives, Dec 2024, IEEE TRANSACTIONS ON KNOWLEDGE AND DATA ENGINEERING 36 (12), pp.8643-8654
3. Chaturvedi, S; Arun, CS; Khanna, P; Ojha, A, Ultra-lightweight convolution-transformer network for early fire smoke detection, Sep 16 2024, FIRE ECOLOGY 20 (1), 83.
4. Choudhary, S; Bajpai, MK and Bharti, KK, Electrode subset selection to lessen the complexity of brain activity measurement using EEG for depression detection, Oct 2024, TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL 46 (14) , pp. 2782-2794
5. Jain, S; Jain, VK and Mishra, S, Fuzzy-AHP based optimal RSU deployment (Fuzzy-AHP-ORD) approach using road and traffic analysis in VANET, Aug 1 2024, AD HOC NETWORKS 161, 103529.
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8. Mishra, S; Jain, VK; Jain, S, A novel content eviction strategy to retain vital contents in NDN-IoT networks, Mar 2025, WIRELESS NETWORKS 31 (3), pp. 2327-2349
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12. Akhter, MM; Khan, AA; Mohanty, SK, A fast sparse graph based clustering technique using dispersion of data points, Feb 14 2025, NEUROCOMPUTING 618, 129054.
13. Choudhary, S; Bajpai, MK and Bharti, KK, Computer aided diagnostic system with reduced electrode set for depression detection using spatio-temporal attention mechanism, Jan 15 2025, MEASUREMENT 239, 115500.
14. Karnati, M; Sahu, G; Seal, A ; Krejcar, O, A Pyramidal Spatial-Based Feature Attention Network for Schizophrenia Detection Using Electroencephalography Signals, Jun 2024, IEEE TRANSACTIONS ON COGNITIVE AND DEVELOPMENTAL SYSTEMS 16 (3) , pp. 935-946.
15. Kalambe, S; Karnati, M; Seal, A; Krejcar, O, A Separable Bi-Pyramidal Feature Attention Network to Detect Alzheimer's Using Electroencephalographic Signals, 2025, IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT 74, 4009115.
16. Karnati, M; Sahu, G; Seal, A; Krejcar, O, MD-DCNN: Multi-Scale Dilation-Based Deep Convolution Neural Network for epilepsy detection using electroencephalogram signals, Oct 9 2024, KNOWLEDGE-BASED SYSTEMS 301, 112322.
17. Bhati, A; Hiran, KK; Ahmad, H, Low cost artificial intelligence Internet of Things

based water quality monitoring for rural areas, Oct 2024, INTERNET OF THINGS 27.

18. Mishra, D; Kumar, A and Rathor, VS , A novel hybrid approach based on SVSR and TQWT for crop image compression, Mar 2025, COMPUTERS & ELECTRICAL ENGINEERING 122, 110008.
19. Kar, AK; Mishra, AC and Mohanty, SK, EDMIX: an entropy-based dissimilarity measure to cluster mixed data comprising of numerical-nominal-ordinal attributes, Mar 2025, KNOWLEDGE AND INFORMATION SYSTEMS 67(3), pp. 3023-3045.
20. Kar, AK; Akhter, MM; Mishra, AC; Mohanty, SK, EDMD: An Entropy based Dissimilarity measure to cluster Mixed-categorical Data, Nov 2024, PATTERN RECOGNITION 155, 110674.
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22. Thakur, PS; Chaturvedi, S; Seal, A ; Khanna, P; Sheorey, T ; Ojha, A, An Ultra Lightweight Interpretable Convolution-Vision Transformer Fusion Model for Plant Disease Identification: ConViTX, Jan 2025, IEEE TRANSACTIONS ON COMPUTATIONAL

BIOLOGY AND BIOINFORMATICS 22 (1) , pp. 310-321.

Conference Publications

1. Kumar, Mukesh, Dipti Das, Shivansh Mishra, and Dharmendra Kumar. "Ensemble-based Disease Prediction in Medical Image Data." *Procedia Computer Science* 258 (2025): 622-632.
2. Mishra, Shivansh, Naweem Kumar, Ojal Agarwal, Saksham Arora, and Chesta Mehta. "Graph Neural Networks for the Development of Efficient Fake News Detection." In *2025 International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics (IC3ECSBHI)*, pp. 1011-1015. IEEE, 2025.
3. Kumar, Mukesh, Dipti Das, Nisha Singh, Shivansh Mishra, and Dharmendra Kumar. "Ensemble-based Disease Prediction in Medical Image Data." *Procedia Computer Science* 258 (2025): 622-632.
4. Bhakal, Sahil, Akshay Pandey, and Kamal Jain. "Precision Agriculture: A Web-GIS Framework for Health and Stress Assessment Using Multi-Source Remote Sensing Data." *The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences* 48 (2024): 59-64.

Electronics and Communication Engineering

The discipline of Electronics and Communication Engineering (ECE) has a perfect combination of teaching and research activities pertaining to field of Electronics and Communication. Since its inception the main objective of discipline is to impart quality education, hands-on training and research in the frontier areas of Electronics & Communication Engineering with broad focus on IT enabled design and manufacturing. The research and teaching expertise of the faculty members of the discipline cover the broad domain of applied and fundamental aspects of Electronics and Communication Engineering. Interdisciplinary research between the research groups of the discipline and with other disciplines and institutes is also in practice. The broad areas of research and academic activities in the discipline are :

- RF & Microwave Engineering
- Communication Engineering
- Signal and Image Processing
- Micro & Nano Electronics
- Power and Control Systems

The Discipline offers four years B. Tech programme to cater to the ever challenging needs of technical excellence in field of Electronics and Communication. In addition, it has strong research programmes leading to M.Tech and Ph.D. degree in all major areas of Electronics and Communication Engineering. Currently a large number of Ph.D. and M.Tech students are engaged in cutting edge research in the Discipline. The Discipline has several state of the art facilities for assisting teaching and research and development in RF & Microwave, Printed RF circuits, Wireless Communication, Digital Signal & Image processing, Nano-electronics and VLSI, Drives & Devices etc.

Faculty ECE



P N Kondekar

PhD – IIT Bombay
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Microelectronics, VLSI-CMOS level design,
Nano electronics devices and
Semiconductor power devices,
Technology for Education



Prabin Kumar Padhy

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Professor

Control Systems



Dinesh Kumar Vishwakarma

PhD – IISc Bangalore
Professor

Electromagnetics, Antennas, Microwave,
Applied Photonics, Photonic crystals and
Optical Communication



Sanjeev Narayan Sharma

PhD – Thapar University, Patiala
Professor

Signal Processing, Computational
Genomics & Proteomics



Anil Kumar

PhD – IIT Roorkee
Associate Professor
Multirate signal processing



Sachin Kumar Jain

PhD – IIT Kanpur
Assistant Professor (Grade I)
Power Quality



Manoj Singh Parihar

Ph.D. – IIT Delhi
Assistant Professor (Grade I)
Reconfigurable Printed Circuits
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Trivesh Kumar

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Wireless Communications & Networking

Faculty ECE



Dip Prakash Samajdar
PhD – University of Calcutta
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Electronic Science (Material Science)



Pankaj Sharma
PhD – IIT Indore
Assistant Professor (Grade II)
Nanoelectronics, Photovoltaics,
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Koushik Dutta
PhD – IEST, Shibpur
Assistant Professor (Grade II)
Metal Oxide Based Gas Sensors



Amit Vishwakarma
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Computer Vision



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PhD – DAVV Indore
Assistant Professor (Grade II)
VLSI Design



Satish Kumar Tiwari
PhD – IIT Indore
Assistant Professor (Grade II)
Communication & Signal Processing

Journals

1. Gandhi, N and Kondekar, PN, Junctionless negative capacitance FinFET-based dielectric modulated biosensor with strain silicon integration at different FE thickness, Mar 10 2025, JOURNAL OF PHYSICS D-APPLIED PHYSICS 58 (10) DOI: 10.1088/161-6463/ada2f8.
2. Sahu, S; Baudh, RK; Parihar, MS ; Kumar, VD (Kumar, V. Dinesh), A Wide-Band Circularly Polarized Euler Spiral Dielectric Resonator Antenna for X/Ku-Band Applications, Sep 1 2024, IETE JOURNAL OF RESEARCH 70 (9), pp.7294-7301.
3. Vimal, R; Kumar, A and Tiwari, A, A new VCG signal compression technique based on discrete Karhunen-Loeve expansion and tunable quality wavelet transform, Mar-apr 2025, JOURNAL OF ELECTROCARDIOLOGY 89 DOI: 10.1016/j.jelectrocard.2025.153894
4. Sharma, A and Kumar, VD (Kumar, V. Dinesh), Investigation of a Superstrate Loaded Ultrawideband Dual-Ridged Terahertz Pyramidal Horn Antenna, Dec 2024, IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS 23 (12), pp.4533-4537.
5. Patel, A; Kumar, T (Kumar, Trivesh) and Parihar, MS, Highly Selective Ultra-wideband Filtenna with Triple Band Notch and Wide Stop Band Rejection for UWB Communication and Sensing Applications, Jan 2 2025, IETE TECHNICAL REVIEW 42 (1), pp.80-88.
6. Patnaik, A and Sharma, P, Investigation of electrolyte parameters on the performance of gadolinium-doped ceria-based solid oxide fuel cell: an analytical study, Nov 2024, JOURNAL OF SOLID STATE ELECTRO-CHEMISTRY 28(11), pp. 4247-4257.
7. Padhy, PK and Samajdar, DP, Design principles of voltage controlled DC-DC boost converters through the integration of PID and model predictive control, Jun 1 2024, PHYSICA SCRIPTA 99 (6) 065202.
8. Singh, M and Parihar, MS, High-Gain MIMO Antenna With Broad Beam Scan Range Using Anisotropic Planar Meta-Lens Array for Millimeter-Wave-Band 5G Applications, Feb 2025, IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS 24 (2), pp. 324-328.
9. Prabhakar, K; Jain, SK and Padhy, PK, Virtual inertia control of isolated microgrids using GWO-optimized modified IMC controller, Feb 2025, TRANSACTIONS OF THE INSTITUTE OF MEASUREMENT AND CONTROL 47 (4), pp. 733-745.
10. Sahu, D and Panwar, R, Firefly Algorithm-Driven Development of Resistive Ink-Coated Glass and Mesh Fibers for Advanced Microwave Stealth and EMI Shielding Applications, Nov 2024, JOURNAL OF ELECTRONIC MATERIALS 53 (11), pp. 7140-7151.
11. Gupta, M and Jha, RK, Advanced network design for 6G: Leveraging graph theory and slicing for edge stability, Jan 2025, SIMULATION MODELLING PRACTICE AND THEORY 138 DOI: 10.1016/J.SIMPAT.2024.103029.
12. Tiwari, G; Mishra, M; Kumar, Trivesh; Mukherjee, B, High-Quality Factor Ultrathin Polarization-Insensitive Wide Angular Stable Elliptical-Shaped Microwave Absorber with Reconfigurability Features, Mar 4 2025, IETE JOURNAL OF RESEARCH 71 (3), pp. 960-968.
13. Kour, H; Jha, RK and Jain, S, Green and Safe 6G Wireless Networks: A Hybrid Approach, Dec 2024, IEEE TRANSACTIONS ON GREEN COMMUNICATIONS AND NETWORKING 8(4), pp. 1729-1741.
14. Mishra, M; Rajput, A; Mukherjee, B, A low profile high gain concave conformal ring cylindrical dielectric resonator antenna loaded with split ring resonator for ISM and C band applications, Nov 25 2024, INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS 37 (17) DOI:

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15. Agrawal, M; Kumar, T and Saraswat, K, A Compact Half-Mode Substrate Integrated Waveguide Based Dual-Wideband Antenna, May 2024, WIRELESS PERSONAL COMMUNICATIONS 136(2), pp.1283-1296.
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 17. Kumar, T; Agrawal, M and Saraswat, K, A substrate-integrated waveguide-based wideband circularly polarized slot antenna using the parasitic square patch array, Sep 21 2024, JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS 38 (14), pp. 1605-1620.
 18. Agrawal, A; Kumar, A and Panwar, R, Resistive ink derived FSS-based microwave absorber using equivalent circuit modelling-interfaced deep learning technique, Feb 2025, APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING 131 (2) DOI: 10.1007/s00339-024-08216-w.
 19. Kumar, A; Vishwakarma, A and Bajaj, V, ML3CNet: Non-local means-assisted automatic framework for lung cancer subtypes classification using histopathological images, Jun 2024, COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE 251 DOI: 10.1016/j.compbi.2024.108207.
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 21. Prashant, DV; Agnihotri, SK; Samajdar, DP, Design perspectives of a thin film GaAs solar cell integrated with Carrier Selective contacts and anti-reflection coatings: Optical and device analysis, Jan 2025, JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS 196 DOI: 10.1016/j.jpcs.2024.112396.
 22. Dwivedy, P; Dixit, V and Kumar, A, On the Performance of OOK/L-PPM Modulated NOMA Cooperative VLC System With Diversity Combining Techniques Under Imperfect CSI Scenario, Sep 15 2024, IEEE SENSORS JOURNAL 24 (18), pp. 29331-29339.
 23. Roy, D; Biswas, A and Samajdar, DP, Inclusion of metal nanoparticles at the core-shell interface of GaAs_{0.99}Bi_{0.01}/ZnO/ITO core-shell nanowire solar cell for photovoltaic performance enhancement, Jun 1 2024, PHYSICA SCRIPTA 99 (6) DOI: 10.1016/j.jpcs.2024.112396.
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 25. Jain, N; Mal, I; Samajdar, DP, Photovoltaic functionality assessment of InPBi-based solar cells using a combination of density functional theory and finite element method analysis, Jan 1 2025, SOLAR ENERGY 285 DOI: 10.1016/j.solener.2024.113092.
 26. Das, S; Rajput, A and Mukherjee, B, Design of Band Stop Filter Using Epsilon-Negative Frequency Selective Surface, Feb 1 2025, IETE JOURNAL OF RESEARCH 71 (2), pp. 575-582.
 27. Singh, S; Agnihotri, SK; Samajdar, DP, Insights into the design principles of JF-ED-VTFET for biosensing application, Apr 1 2024, PHYSICA SCRIPTA 99 (4) 045012 DOI: 10.1088/1402-4896/ad2748.
 28. Goyal, N and Panwar, R, Synergizing meander line and heterogeneous composite for miniaturized hybrid microwave absorber, Apr 2024, MICROWAVE AND OPTICAL

- TECHNOLOGY LETTERS 66 (4) DOI: 10.1002/mop.34158.
29. Jain, N; Mal, I; Samajdar, DP, Investigation of the optoelectronic properties of InAsNBi/InAs quantum confined heterostructure in the presence of hydrostatic pressure for long wavelength infrared sensing, Jul 5 2024, OPTICAL AND QUANTUM ELECTRONICS 56 (8) DOI: 10.1007/s11082-024-07111-1.
 30. Bhadoriya, RPS; Bajaj, V and Panwar, R, CGO-Driven Design of Magnetic Material and Plasma Integrated Next-Generation Broadband Pyramidal Microwave Absorber, Sep 2024, IEEE TRANSACTIONS ON MAGNETICS 60(9) 1291.
 31. Bhadoriya, RPS; Bajaj, V and Panwar, R, Analytical Insights Into Plasma-Assisted Broadband Multilayered Microwave Absorber Design Using Chaos Game Optimization, Jul 2024, IEEE TRANSACTIONS ON PLASMA SCIENCE 52 (7), pp. 3083-3091 DOI: 10.1109/TMAG.2024.3417276.
 32. Awadhiya, B; Ratnakumar, R; Kondekar, PN, Linearity and intermodulation distortion analysis of single and dual metal gate junctionless transistor, Jun 15 2024, HELIYON 10 (11), DOI: 10.1016/j.heliyon.2024.e32325.
 33. Agrawal, M; Yadav, R; Pietrenko-Dabrowska, A, Unequally-spaced slot strategy for radiation null reduction in single SIW-embedded antenna element, Jul 29 2024, SCIENTIFIC REPORTS 14 (1) DOI: 10.1038/s41598-024-68646-7.
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 35. Chilamkurthy, NS; Hakeem, SA; Tiwari, SK; Pandey, OJ, Optimal Routing Protocol in LPWAN Using SWC: A Novel Reinforcement Learning Framework, May 1 2024, IEEE SENSORS JOURNAL 24 (9), pp. 15607-15619.
 36. Saidani, O; Yousfi, A; Samajdar, DP ; Sahoo, GS, Revealing the secrets of high performance lead-free CsSnCl₃ based perovskite solar cell: A dive into DFT and SCAPS-1D numerical insights, Oct 15 2024, SOLAR ENERGY MATERIALS AND SOLAR CELLS 277 DOI: 10.1016/j.solmat.2024.113122.
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 39. Mishra, D; Kumar, A and Rathor, VS, A novel hybrid approach based on SVSR and TQWT for crop image compression, Mar 2025, COMPUTERS & ELECTRICAL ENGINEERING 122 DOI: 10.1016/j.compeleeeng.2024.110008.
 40. Ravidas, BK; Roy, MK and Samajdar, DP, Design Insights and Photovoltaic Performance Analysis of Non-Lead Inorganic RbSnX₃ (X = I, Br, Cl) Perovskites through Coupled Density Functional Theory and SCAPS-1D Simulation Frameworks, Jul 11 2024, ACS APPLIED ELECTRONIC MATERIALS 6 (7), pp. 5126-5150.
 41. Soni, T; Kumar, A; Panda, MK; Singh, GK, Design and Implementation of Multiplierless FIR Filter Using COOT Bird Optimization

- Algorithm with Different Architectures, Dec 2024, JOURNAL OF CIRCUITS SYSTEMS AND COMPUTERS 33 (18) 4033-4058.
42. Lunge, OR; Ravidas, BK; Roy, MK ; Samajdar, DP, DFT and SCAPS-1D based optimization study of double perovskite Cs₂AuBiCl₆ solar cells utilizing different charge transport layers, Dec 2024, JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS 195 DOI: 10.1016/j.jpccs.2024.112260.
 43. Ravidas, BK; Kumar, AR; Roy, MK; Samajdar, DP, Integration of SCAPS-1D and density functional theory for the performance evaluation of RbGeI₃-based perovskite solar cell, Jan 2025, JOURNAL OF PHYSICS AND CHEMISTRY OF SOLIDS 196 DOI: 10.1016/j.jpccs.2024.112325.
 44. Verma swati, Nemu A, Raikwal P AND Jaiswal NK, Tailoring the electronic and transport properties of zigzag InN nanoribbons for negative differential resistance/switching application, 2024, Mat. Sc in Semiconductor 185, 108958.

Conference Publications

1. Satish Kumar Tiwari, "S. R. K. Ayaluru, C. Shrivastava, S. K. Tiwari, N. Pandey, G. Sharma, and O. J. Pandey", "A two-way synchronization method for molecular bio-nanosensor networks using truncated Lévy distribution", "International Conference on Information Communication Technology (ICT)", IIT Allahabad, 1-5, 06-08 December 2024, CPDA, Published, Yes, Yes.

Mechanical Engineering

Mechanical Engineering Discipline has started journey in the year 2005. Over the last decade, we have grown our expertise and competence in the core Mechanical Engineering curriculum and research.

We have a strong undergraduate program in Mechanical Engineering. At the postgraduate level, we offer Master and Doctoral programmes. Several sponsored candidates from industries and research laboratories carry out their postgraduate studies in our department.

The primary focus of our pedagogy is to impart technical know-how to students, promote their problem solving and innovation skills and keep them abreast with new technologies. The department offers a wide spectrum of optional courses to the students to pursue their interest. The course contents are periodically updated to keep them in line with the global developments. Undergraduate students are encouraged for hands-on-training, in the form of course projects and participate in various sponsored research projects. The department is known for maintaining active research groups to carry out funded collaborative and interdisciplinary research. We have state of the art research facilities to support our academic programs and research. The research funding will help us to maintain and modernize our research infrastructure.





Puneet Tandon

PhD – IIT Kanpur
Professor

Computer Aided Design, computer Aided manufacturing, Rapid Prototyping & Tooling Technologies, Reverse Engineering, Product Innovation, Design and Development



Tanuja Sheorey

PhD – IIT Kanpur
Professor

CFD, Algorithm Development, Parallel Computation.



Vijay Kumar Gupta

PhD – IIT Bombay
Professor

Mechanical Engineering (Design)



Prashant Kumar Jain

PhD – IIT Delhi
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Rapid Prototyping & Tooling, CNC machining, Geometric Modeling, CAD/CAM Integration, Computational geometry, Nano Technologies in Manufacturing



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PhD – IIT Kanpur
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Assistant Professor (Grade I)
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Sujoy Mukherjee

PhD – IISc Bangalore
Assistant Professor (Grade I)
Smart Materials and Structures, Structural Dynamics, Aeroelasticity, Flapping Wing MAV



Himansu Sekhar Nanda

PhD – National Institute for Materials Science, Japan (Degree awarded from University of Tsukuba, Japan)
Assistant Professor (Grade I)
Advanced Health Care Material Manufacturing (scaffold based biomaterials for tissue engineering and drug delivery)



Ponappa K

PhD – IIT Delhi
Assistant Professor (Grade I)
(Casting of Metal Matrix Composites & Machining) Fabrication of Magnesium Based Metal Matrix Composites by two step Stir Casting Process and their Grindability Studies.



Shivdayal Patel

PhD – IIT Delhi
Assistant Professor (Grade II)
Progressive Damage Modelling, Composites, Stochastic Finite element Analysis, Impacts, Probabilistic Design, Sensitivity based Design Optimization



Manu Srivastava
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Additive Manufacturing



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I.C. Engine, Manufacturing



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Assistant Professor (Grade II)
Friction stir welding, Barkhausen Noise
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matrix Composite, Welding Technology



Gowthaman S
Ph.D. – NIT CALICUT
Assistant Professor (Grade II)
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Tribology, Corrosion



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Processing, Metal additive manufacturing,
Microstructure modification, Forming,
Smart manufacturing



Syam Kumar Chokka
Ph.D. – NIT, Tiruchirappalli
Assistant Professor (Grade II)
Design of Adhesive Bonded Joints, Non
Destructive Evaluation, Polymer
Composites and Self-healing Composites

Journals

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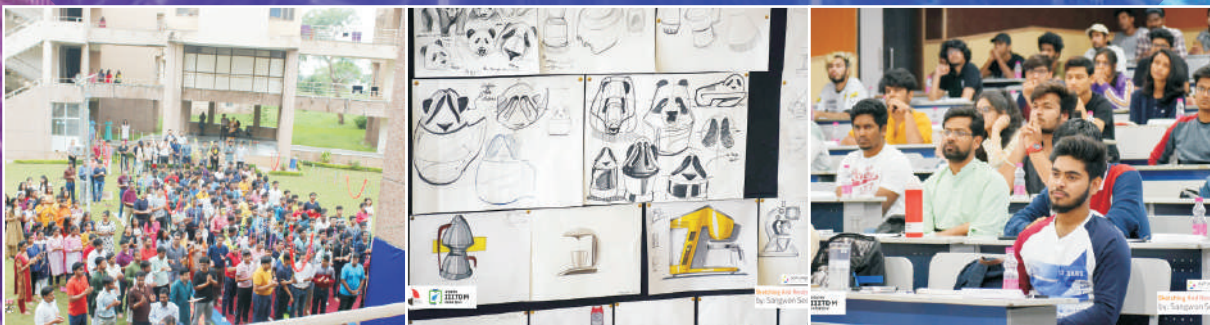
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Design

The Design Discipline at PDPM Indian Institute of Information Technology, Design and Manufacturing, Jabalpur offers a “holistic” design program. The discipline offers four years Bachelors in Design (BDes), two years Masters in Design (MDes) and PhD in Design programmes. The curriculum is a unique blend of design and technology so as to ensure that they are well equipped when they finally graduate from the Institute. The uniqueness of the curriculum is that, all the students have to mandatorily learn different areas of design in the initial semesters. In the advanced semesters, students are given a choice to choose electives mainly in three major domains; product, space and communication design. The students have the liberty to pursue Bachelors / Master’s thesis in their domain of interest. Thus, the students graduating from the discipline have a good understanding of different facets of design, different technologies related to design and at the same time specializes along one of the major domains namely product, space or communication design, giving them an advantage of convenient and efficient switches from one domain to another.

The discipline, which started in the year 2008, has produced many good designers who have excelled in different facets of design as practising designers, design entrepreneurs and design educators. The students of our discipline are trained in a manner that facilitate them taking up any challenging role which demands design intervention. On behalf of the discipline, we wish them all the best with this hope and trust that they will play a pivotal role in applying their knowledge of design in different sectors in the country as well as globally. We are confident that the discipline trains them adequately well to meet the aspirations of design recruiters.





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Journals

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Natural Sciences

Natural Sciences are the integral part of IIITDM Jabalpur since its inception. The fields of Natural Sciences, already integrate various other disciplines of the Institute with some emerging fields such as Materials engineering, Nanomaterials, Biomedical Physics, Numerical Analysis & Scientific Computing, Image processing etc. Moreover the applications of various science and technology based knowledge emerges out of Natural Sciences.

The basic purpose of interdisciplinary curriculum of the Institute is expanding the knowledge and applications overlapping different fields of experts. Learning process cannot be restricted to a limited space and therefore Natural Sciences coupled with other disciplines to follow the same. The intellectual growth through liberal education would fulfill the desire of satisfaction qualitatively rather than quantitatively. Research and development is the key to future generation and prosperity of a nation through an academic Institution with interdisciplinary curriculum. The source of basic science knowledge is the foundation of all other disciplines inventions as well as applications. Having Physics and Mathematics as an integral part of the UG & PG curriculum directly play an important role in the growth of research and development at IIITDM Jabalpur.

Physics

Physics discipline has six faculty members who undertake cutting edge research on various fields of application in the field of science and technology. Some of these areas are Magnetic materials, Multiferroics, Nanomaterials for magnetism and other applications, Biomedical Physics and Electrodeposited magnetic thin films.

Mathematics

Mathematics discipline has six faculty members and discipline would focus in various fields of Parallel Computing, Computational Fluid Dynamics, Hyperbolic IBVP, Spectral Method and Probability Theory and Topological study of Wireless Networks and Wireless Communication.

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Journals

1. Rajput, SK and Panda, MK, A mathematical modeling of light-induced bioconvection in an isotropic porous medium, Oct 2024, CHINESE JOURNAL OF PHYSICS 91, pp.792-806.
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Liberal Arts

PDPM IIITDMJ founded the department of Liberal Arts with induction of Humanities on 13th August, 2021. But since the founding of the Institute in 2006, Humanities courses have been given very valuable weightage aiding the goals of the students in the technical courses. Humanities has played a critical role in the placement of the students by developing their interpersonal skills through communication strategies and soft skills. The personality of the students was further shaped by popular courses like Effective Communications, Communication Skills Management, Culture and Human Values and Indian Philosophy and Life Skills Management. Students also get a professional edge in their fields by pursuing the courses like Science and Culture, Culture and Technology. Many students have engineered designs of engineering products inspired through poems.

PhD English program is the crown of the Liberal Arts department. The maiden researches of the research scholars in English have won international and national acclaims. The scholars are vetting their research ideas in the field of Consciousness studies, Cognitive Sciences, Cultural Studies, Language and Literature along with newly emerging areas of critical importance like medical humanities.



Mamta Anand

PhD – Banasthali Vidyapith, Rajasthan
Fulbright Fellow, Harvard University (USA)
Assistant Professor (Grade I)
Cultural Studies, Language, Literature,
Communication & Cognitive Science



J. Al Muzzamil Fareen

PhD – Anna University Chennai
Assistant Professor (Grade II)
Applied Linguistics, ESP, Needs Analysis,
Language, Literature & Communication

Journals

1. Anand Mamta, "Mind - Body on Soul Mantra- Unleashing the potentials of life through medical humanities as in the essays of Swami Vivekananda and Deepak Chopra", Literary Voice, Vol 2, No. 1 (June 2024)
2. Fareen, J. A. M. (2025). Developing memory and understanding skills for subject knowledge processing and to face high-stakes exams: A case study. *Journal of Educational and Psychological Studies*, 19(1), 125-138.
3. Fareen, J. A. M. & Farhana, M. A. M. (2025). Understanding Strategies for Developing Effective Business and Technical Presentation Skills. *Bodhi International Journal of Research in Humanities, Arts and Sciences*, 9(3), 1-4. E-ISSN: 2456-5571
4. Sarkar, D & Fareen, J. A. M. (2024). Trauma at the Intersection of Precarity and the Politics of Language: Exploring Memory and Manipulation in Joy Kogava's *Obasan*. *3L Language, Linguistics, Literature: The Southeast Asian Journal of English Language Studies*, 30(3), 105-118.
5. Fareen, Jabbar Al Muzzamil. ""Emerging mobile technologies: Scope and relevance for building digital communication

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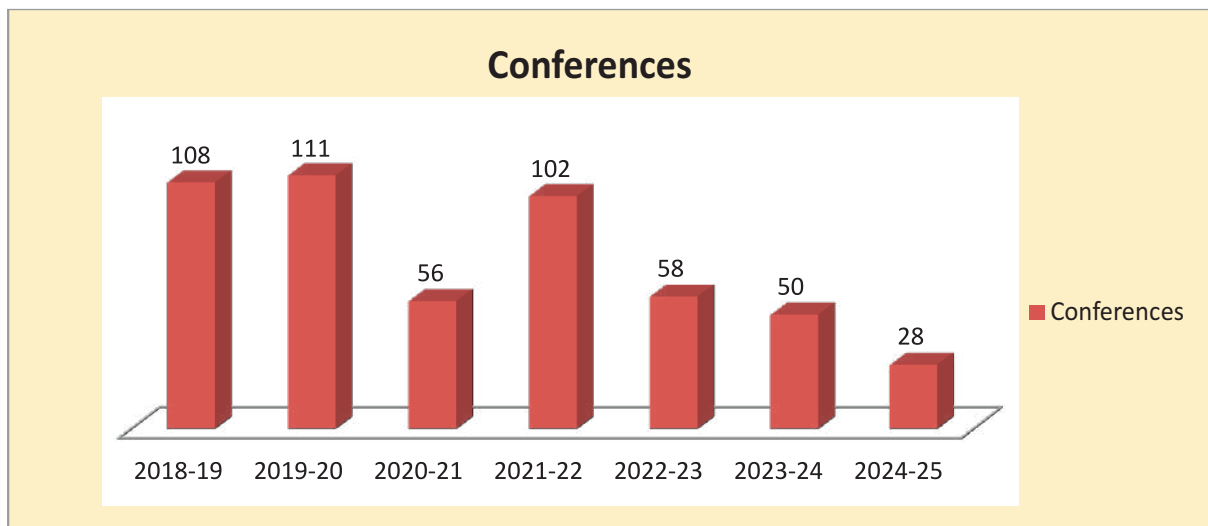
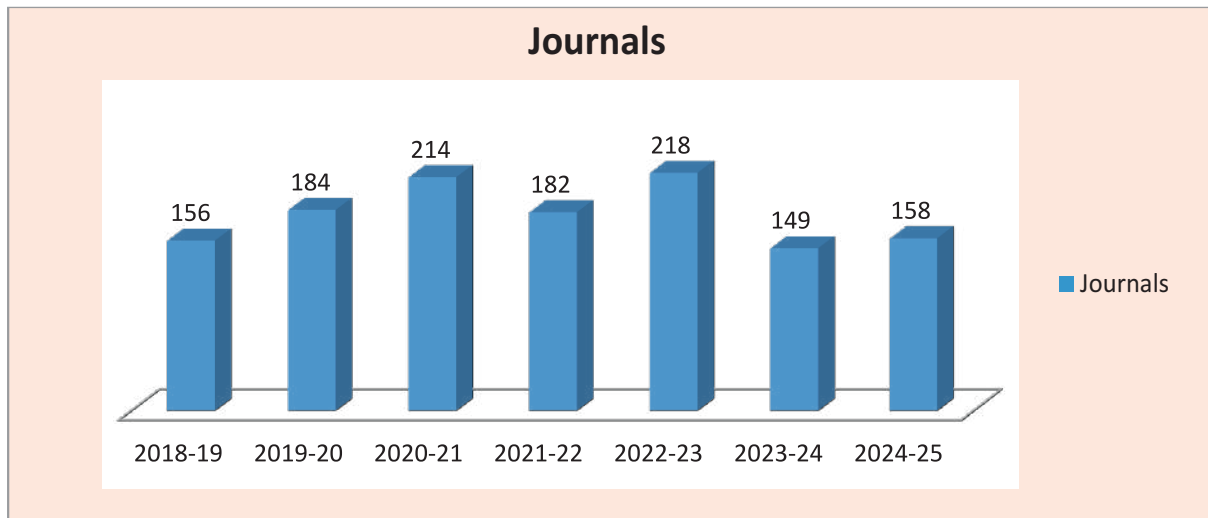
Conference Publications

1. Fareen J. A. M. & Farhana, M. A. M. (2025). "Understanding Strategies for Developing Effective Business and Technical Presentation Skills: An Overview" at the Bodhi Hybrid International Conference on "Crossing Boundaries: Recent Advances in English Language, Literature and Cultural Studies" on 22 January 2025 at Madurai Kamaraj University.
2. Sarkar, D., & Fareen, J. A. M. (2024, October 3-4). "Envisioning tierra trauma within resilience discourse: Reviving myth and restoring nature in Easterine Kire's *Son of the Thundercloud*" at the Living with Precarity: Literature in Context in the 21st Century Conference, organized by Bodoland University, Assam, India. Abstract proceedings published.
3. Sarkar, D. & Fareen, J. A. M. (2024, September 16-18). "Between Concrete and Greenery: Rethinking Memory and Trauma in Human-Nature Interactions Through a Study of Margaret Atwood's *Cat's Eye*" at the International Memory Studies Conference Memory, Security, and

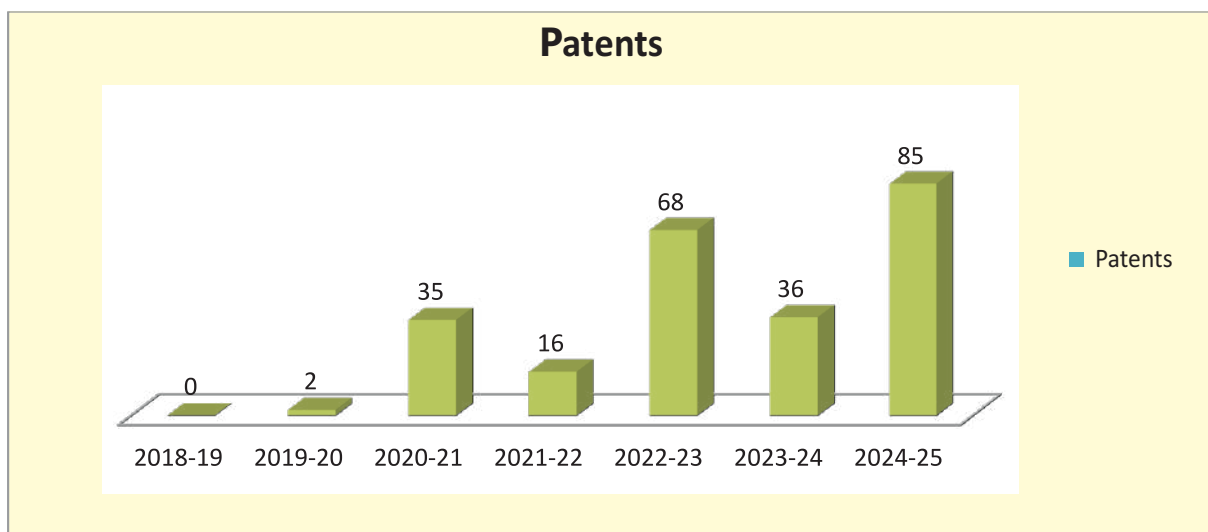
- Sustainability (pp.116) organized by the Centre for Memory Studies, IIT Madras on 16th–18th September 2024.
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 5. Sarkar, D. & Fareen, J. A. M. (2024). "Words of Defiance: Exploring the Cultural Shift from Victim to perpetrator Trauma in Markus Zusak's 'The Book Thief' in the English Literature Summit 2024, Virtual International Conference held on 26th & 27th July 2024, jointly organized by the International Society for Educational Leadership (USA, Australia and India) and MIT Art Design and Technology University Pune.
 6. Akik, M. & Fareen, J. A. M. (2024). "'Melodies of the Marginalized: A Literary Call of Social Transformation Through the Poems of Langston Hughes,'" in the International Conference on 'NEP 2020 and Teaching and Learning of Language and Literature,' held on 21-22 June, 2024 organized by the Department of English, GLA University Mathura, in collaboration with Central Institute of Indian Languages, Mysuru.

1. Pritee Khanna, eds. Computer Vision and Image Processing: 8th International Conference, CVIP 2023, Jammu, India, November 3-5, 2023, Revised Selected Papers, Part I (ISBN 978-3-031-58180-9), Part II (ISBN 978-3-031-58173-1) and Part III (ISBN 978-3-031-58534-0). Communications in Computer and Information Science 2009, 2010, 2011, Springer Nature, Part I (ISBN 978-3-031-58180-9), Part II (ISBN 978-3-031-58173-1) and Part III (ISBN 978-3-031-58534-0), 2014, Raman, Balasubramanian, Harkeerat Kaur, Sanjeev Kumar, Vinit Jakhetiya and Puneet Goyal.
2. Mukhopadhyay, P., Human Factors in Performing Arts: A Laypersons Approach (BOOK), CRC Press, 9781032826912, 2024, None.

Publications



Patents : Published (25) / Granted (9) / Applied (51)



The institute offers following academic programs :

1. Undergraduate Programmes :

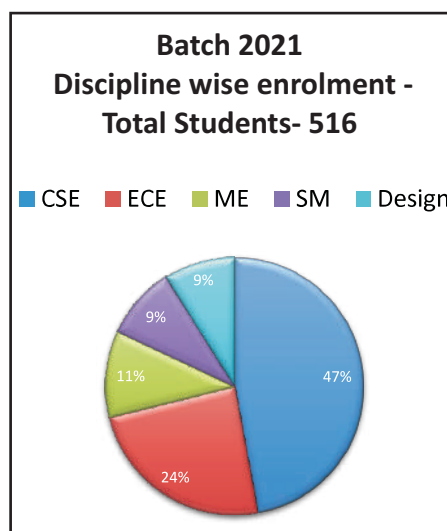
The Institute has a unique undergraduate curriculum for imparting education in the following Discipline of engineering :

- i. B.Tech. - Computer Science and Engineering (CSE)
- ii. B.Tech. - Electronics and Communication Engineering (ECE)
- iii. B.Tech. - Mechanical Engineering (ME)
- iv. B.Tech. - Smart Manufacturing (SM)
- v. B.Des. - Design (DS)

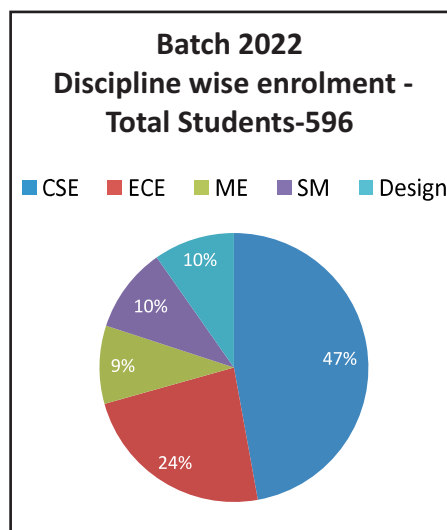
Different statistics related to UG students are as follows :

(I) The details of student enrolment (batch wise) are as follows on academic year 2024-25 :

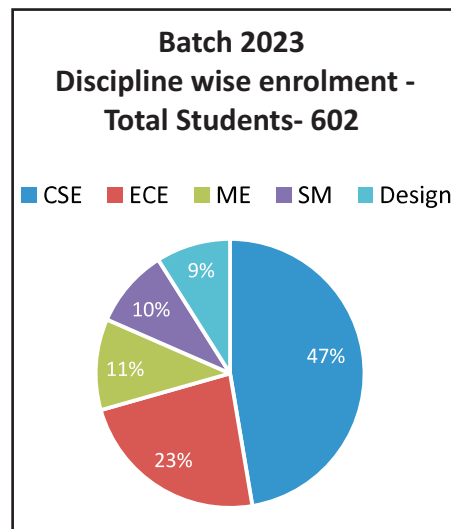
2021 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	87	37	67	35	17	243
ECE	41	23	32	19	9	124
ME	10	11	22	8	5	56
SM	4	9	21	8	5	47
Design	17	4	12	8	5	46
Total	159	84	154	78	41	516



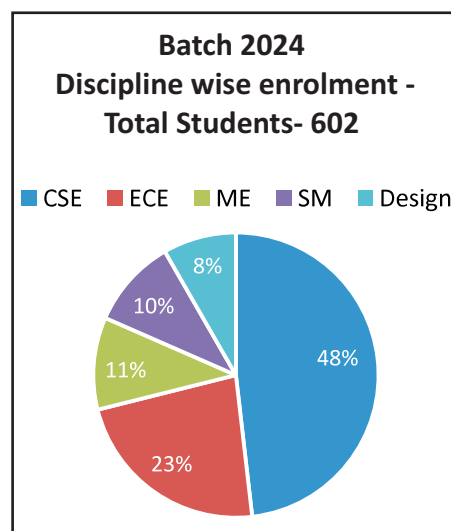
2022 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	106	39	77	39	20	281
ECE	42	25	42	21	10	140
ME	15	9	19	8	5	56
SM	18	9	19	11	4	61
Design	19	12	18	7	2	58
Total	200	94	175	86	41	596



2023 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	124	27	73	41	20	285
ECE	57	14	38	21	10	140
ME	26	6	21	11	2	66
SM	24	4	17	9	3	57
Design	20	8	13	12	1	54
Total	251	59	162	94	36	602



2024 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	98	53	79	40	20	290
ECE	43	26	38	21	10	138
ME	13	10	25	10	5	63
SM	15	9	22	10	5	61
Design	19	6	13	10	2	50
Total	188	104	177	91	42	602

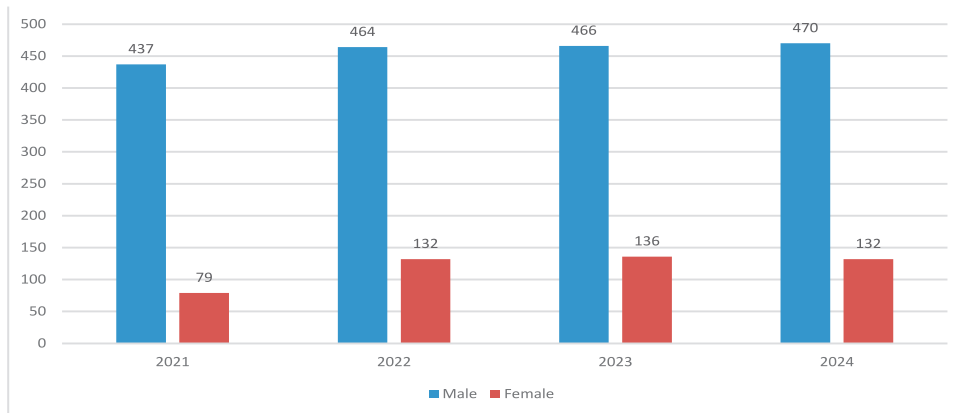


(II) For B.Tech. Programme - Academic Performance Evaluation Committee Report

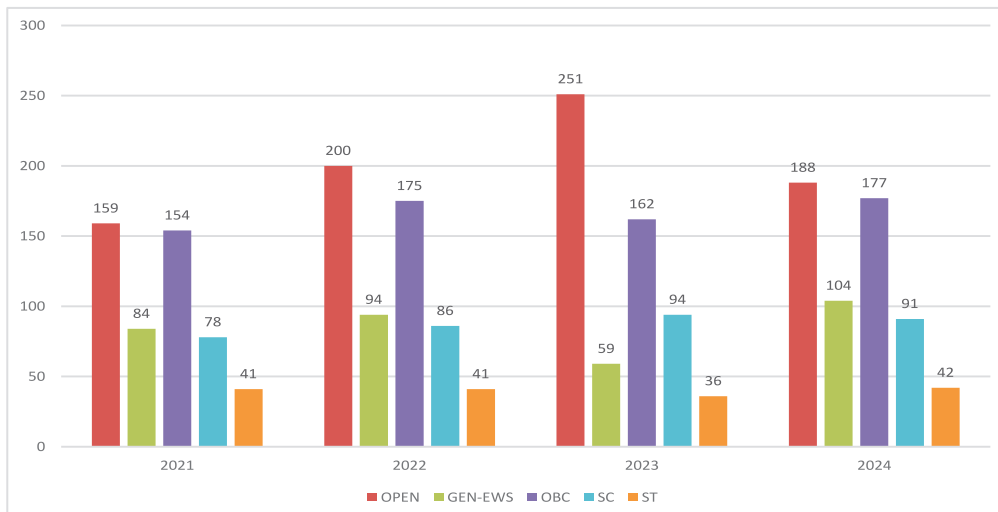
Undergraduate Semester I (2024-25)

Batch	No. of Register Students	No. of students Passed	No. of Students Terminated/Withdrawal
2021	516	516	0
2022	597	596	1 (Withdrawal)
2023	603	602	1 (Withdrawal)
2024	607	602	5 (Withdrawal)

(III) Graph Showing Status of Male and Female Students in the Undergraduate Programme.



(IV) Graph Showing Status of Category wise Students in Undergraduate Programme



2. Postgraduate Programmes

The institute offers Master's degree Programme in:-

I. Master of Technology (M.Tech.)

- (i) Computer Science & Engineering (CSE)
 - a. AI and ML
 - b. Data Science
- (ii) Electronics & Communication Engineering (ECE)
 - a. Communication System Design
 - b. Nanoelectronics and VLSI Design
 - c. Power and Control

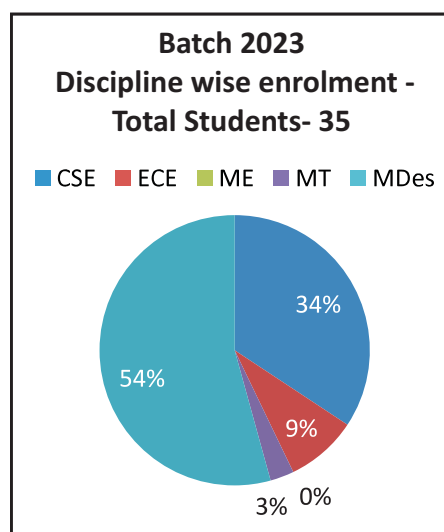
- (iii) Mechanical Engineering (ME)
 - a. Design
 - b. CAD/CAM
 - c. Smart Manufacturing and Automation
- (iv) Mechatronics

II. Master of Design (M.Des.)

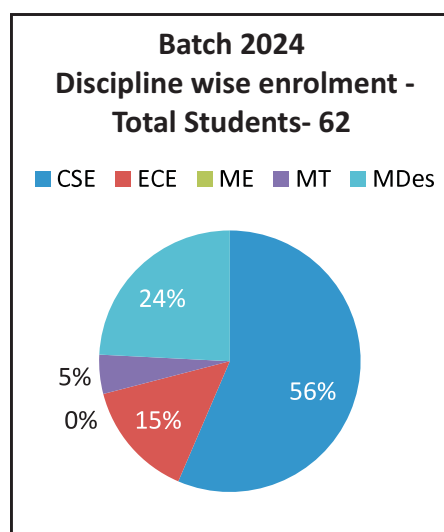
Different statistics related to PG students are as follows :

(I) The details of student enrolment (batch wise) are as follows :

2023 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	6	0	1	5	0	12
ECE	2	0	0	1	0	3
ME	0	0	0	0	0	0
MT	0	0	1	0	0	1
Mdes	10	1	4	3	1	19
Total	18	1	6	9	1	35



2024 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	12	6	12	4	1	35
ECE	3	0	2	4	0	9
ME	0	0	0	0	0	0
MT	0	0	2	1	0	3
Mdes	6	2	2	5	0	15
Total	21	8	18	14	1	62

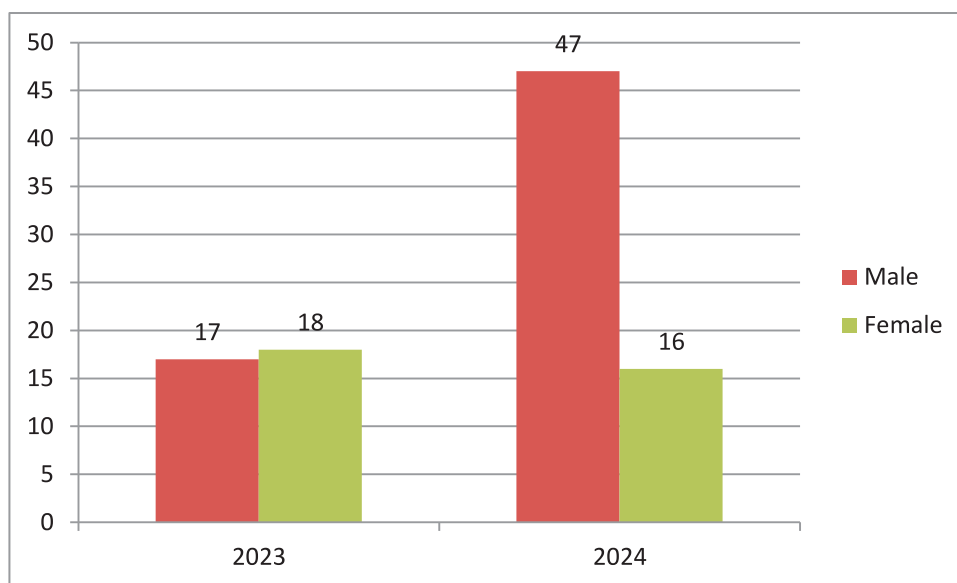


(II) Postgraduate - Academic Performance Evaluation Committee Report

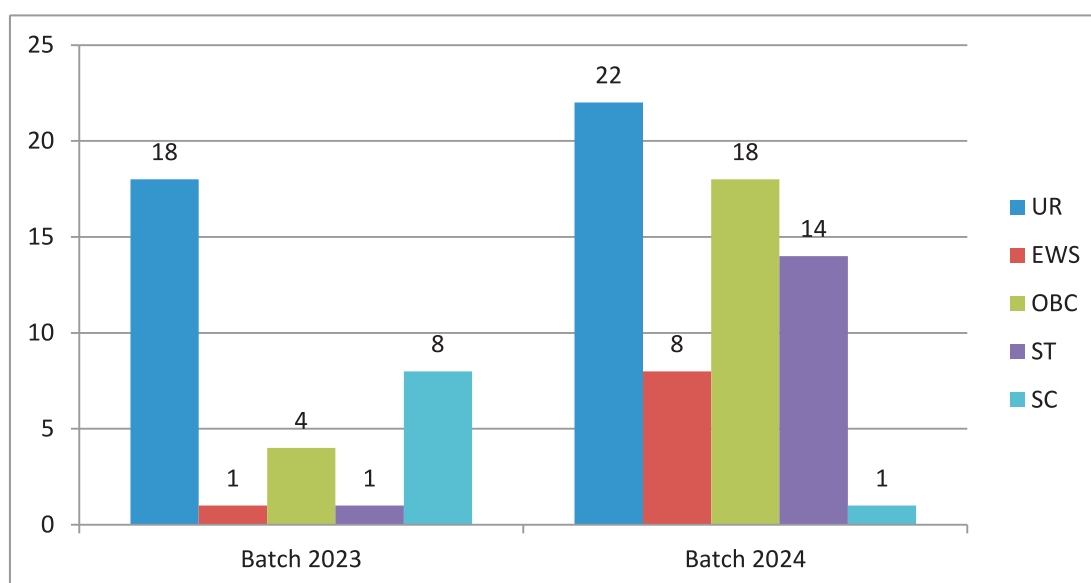
Post Graduate Semester I (2024-25)

Batch	No of Student	No of Pass	No of Terminated/Withdrawal
2023	35	35	0
2024	62	62	0

(III) Graph Showing Status of Male and Female Students in the Post Graduate Programme.



(IV) Graph Showing Status of Category wise Students in the Post Graduate Programme.



3. Ph.D. Programs

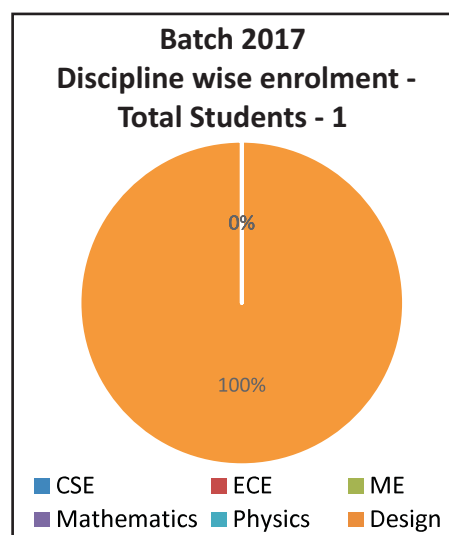
The Institute offers Ph.D. in following Discipline:

- (i) Computer Science & Engineering (CSE)
- (ii) Electronics & Communication Engineering (ECE)
- (iii) Mechanical Engineering (ME)
- (iv) Design (Design)
- (v) Natural Science (Physics, Mathematics)
- (vi) Liberal Arts (English)

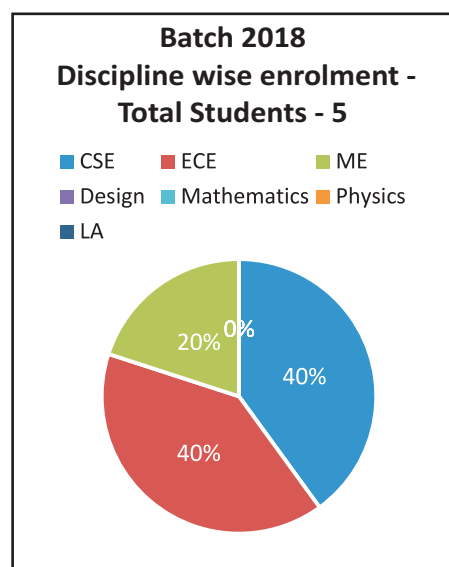
Different statistics related to Ph.D. students are as follows:

(I) Students Enrolment in Ph.D.

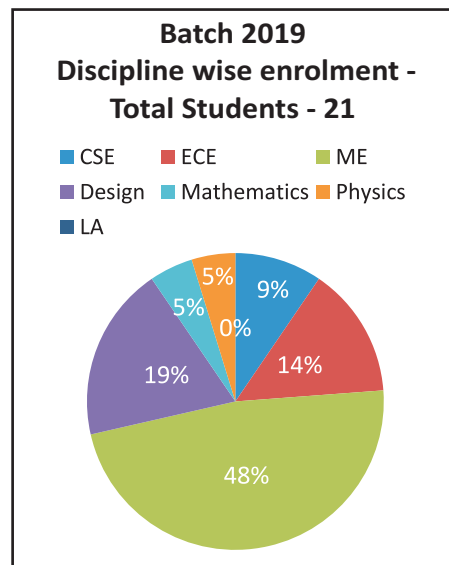
2017 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	0	0	0	0	0	0
ECE	0	0	0	0	0	0
ME	0	0	0	0	0	0
Mathematics	0	0	0	0	0	0
Physics	0	0	0	0	0	0
Design	0	0	1	0	0	1
Total	0	0	1	0	0	1



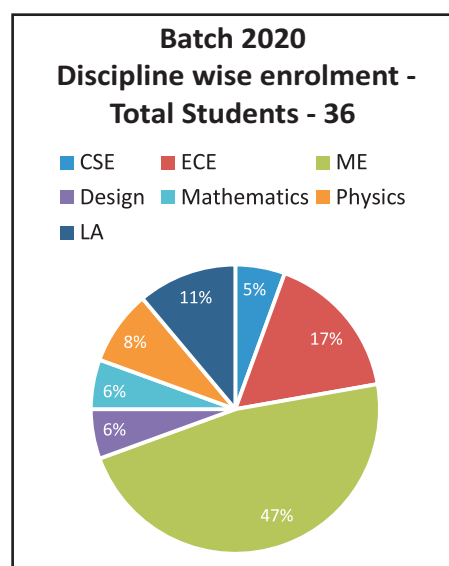
2018 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	2	0	0	0	0	2
ECE	2	0	0	0	0	2
ME	0	0	0	1	0	1
Design	0	0	0	0	0	0
Mathematics	0	0	0	0	0	0
Physics	0	0	0	0	0	0
LA (ENG)	0	0	0	0	0	0
Total	4	0	0	1	0	5



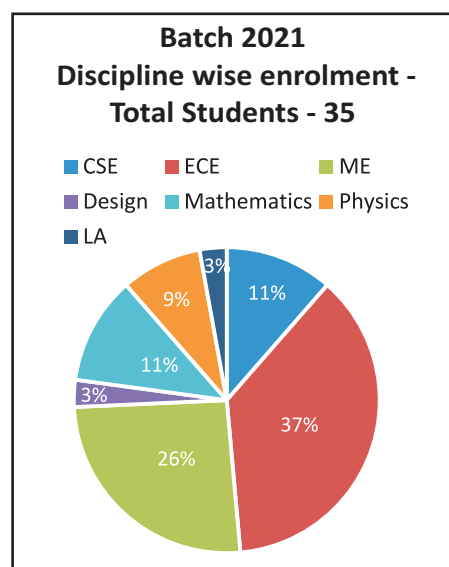
2019 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	2	0	0	0	0	2
ECE	1	0	2	0	0	3
ME	5	0	2	3	0	10
Design	0	0	1	1	2	4
Mathematics	0	0	1	0	0	1
Physics	1	0	0	0	0	1
LA (ENG)	0	0	0	0	0	0
Total	9	0	6	4	2	21



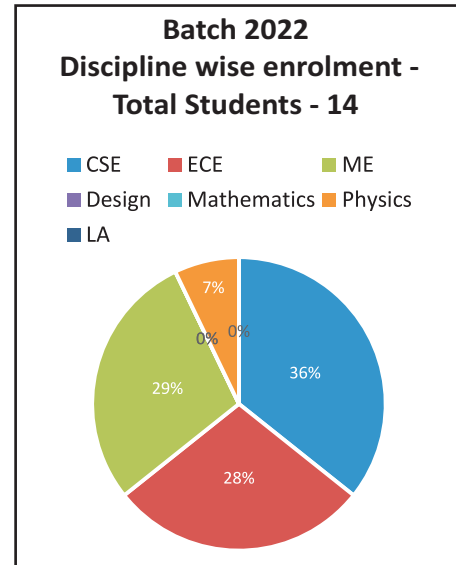
2020 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	1	0	1	0	0	2
ECE	3	0	3	0	0	6
ME	11	0	4	2	0	17
Design	1	0	1	0	0	2
Mathematics	0	1	1	0	0	2
Physics	1	0	2	0	0	3
LA	1	0	3	0	0	4
Total	18	1	18	2	0	36



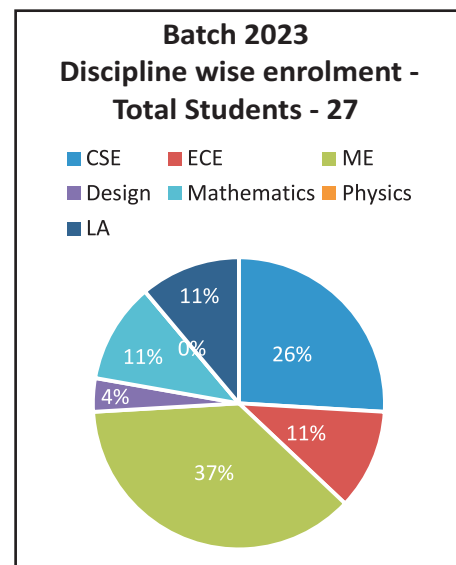
2021 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	3	0	1	0	0	4
ECE	5	1	5	2	0	13
ME	6	1	2	0	0	9
Design	0	0	1	0	0	1
Mathematics	1	1	1	1	0	4
Physics	2	0	0	1	0	3
LA	1	0	0	0	0	1
Total	18	3	10	4	0	35



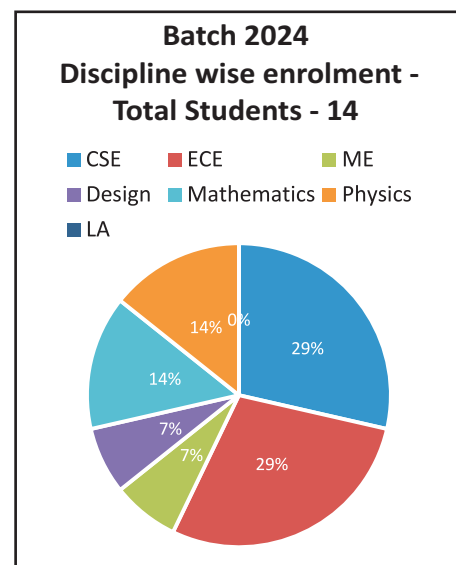
2022 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	3	0	1	1	0	5
ECE	4	0	0	0	0	4
ME	3	0	1	0	0	4
Design	0	0	0	0	0	0
Mathematics	0	0	0	0	0	0
Physics	1	0	0	0	0	1
LA	0	0	0	0	0	0
Total	11	0	2	1	0	14



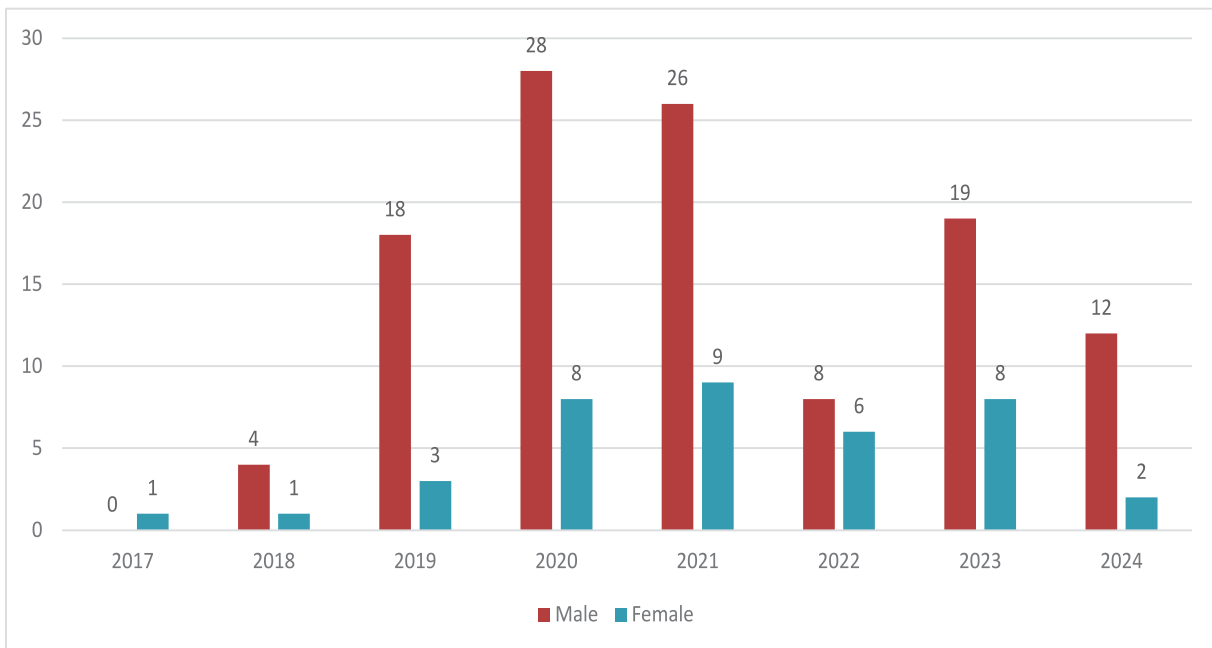
2023 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	4	0	1	2	0	7
ECE	1	0	2	0	0	3
ME	4	0	3	3	0	10
Design	0	0	0	1	0	1
Mathematics	2	0	1	0	0	3
Physics	0	0	0	0	0	0
LA	1	0	1	1	0	3
Total	12	0	8	7	0	27



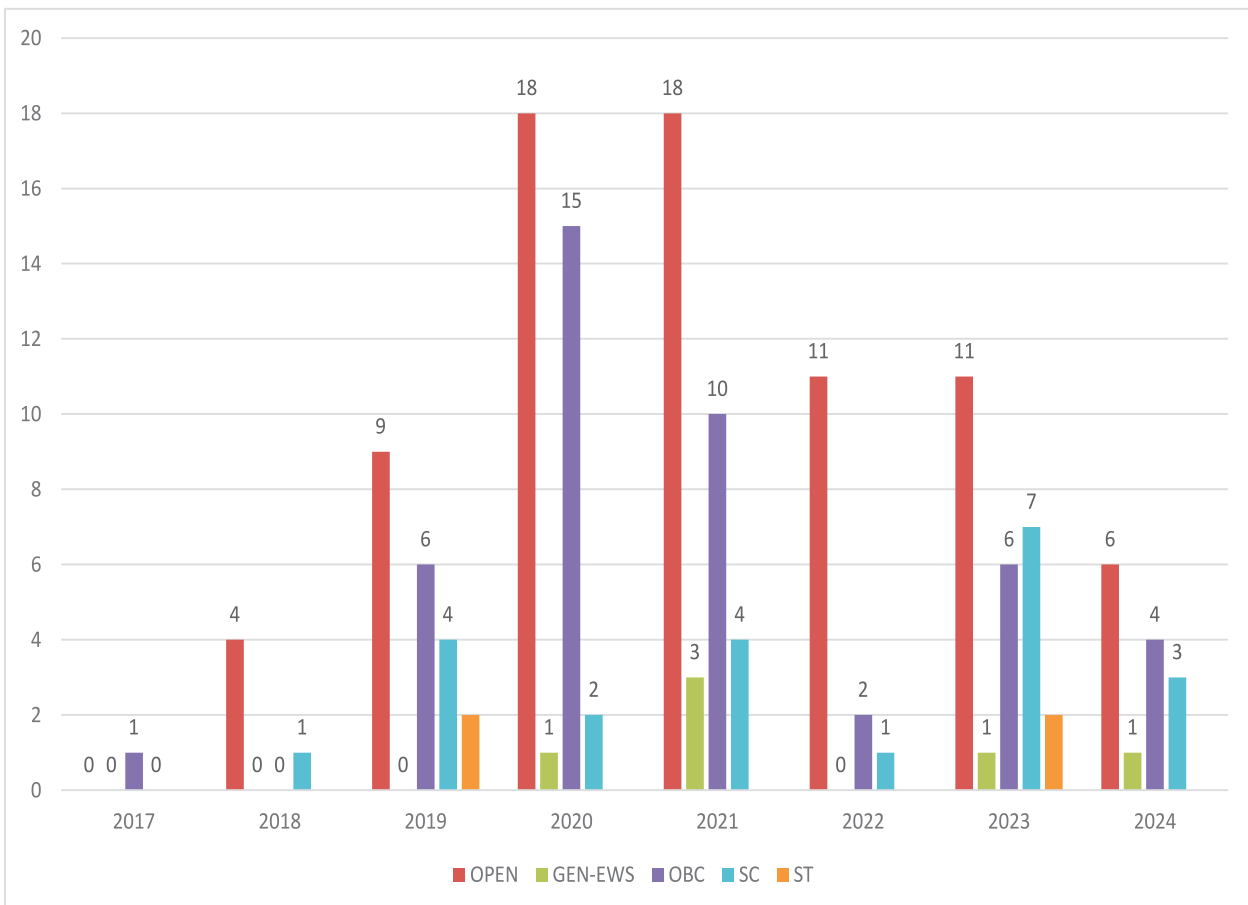
2024 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	2	0	1	1	0	4
ECE	3	0	1	0	0	4
ME	0	0	1	0	0	1
Design	0	0	0	1	0	1
Mathematics	1	0	1	0	0	2
Physics	0	1	0	1	0	2
LA	0	0	0	0	0	0
Total	6	1	4	3	0	14



(II) Graph Showing Status of Male and Female Students in the Ph.D. Programme.



(III) Graph Showing Status of Category wise Students in the Ph.D. Programme



CONVOCATION 2024

A total number of 540 degrees were awarded. Branch / Programme wise details are as follows:-

Bachelor of Technology (B.Tech.)

Sr. No.	Discipline	Total
1.	Computer Science & Engineering	231
2.	Electronics & Communication Engineering (2 student of 2019 batch)	120
3.	Mechanical Engineering	53
4.	Smart Manufacturing	36
5.	B.Des.	48
	Total	488

Master of Technology (M.Tech.)

Sr. No.	Discipline	Total
1.	Computer Science & Engineering	13
2.	Electronics & Communication Engineering	2
3.	Mechanical Engineering	1
4.	Mechatronics Engineering	1
5.	Master of Design	10
	Total	27

Doctor of Philosophy (Ph.D.)

Sr. No.	Discipline	Total
1.	Computer Science & Engineering	5
2.	Electronics & Communication Engineering	10
3.	Mechanical Engineering	6
4.	Natural Science (Mathematics)	2
5.	Natural Science (Physics)	1
6.	Design	1
	Total	25

Financial Year 01/04/2024 to 31/03/2025

SCHEMES

(I) Institutional Scheme

S. No.	Project Title	Duration	Investigator	Funding Agency	Total Sanctioned Amount Rs. in Lakh	Status
1	Scheme of Financial Assistance for setting up of Electronics and ICT Academies.	2024-25	CI : Prof. A. Ojha CoCI : Prof. V.K. Gupta, Prof. P.K. Padhy, Dr. Dip Prakash Samajdar	E&ICT Ministry of Electronics and Information Technology	1005.57	Ongoing
2	National Initiative for setting up DIC Hub / Spoke Model	2016-23	Coordinators: Prof. Tanuja Sheorey and Prof. Atul Gupta	MoE, Govt. of India through RDVV JABALPUR	100.00	Ongoing

(II) Research Projects

S. No.	Project Title	Duration	Investigator	Funding Agency	Total Sanctioned Amount Rs. in Lakh	Status
1.	Studies on Electronic and Optical Properties in Group III -V_N Quaternary Semiconductor Quantum Dots Using Density Functional Theory And K Dot Method	2020-23	PI: Dr. Dip Prakash Samajdar	CSIR	17.10	Completed
2.	Low Profile Dielectric Resonator Antennas for Compact, Wideband and Conformal Applications	2021-24	PI: Dr. Biswajeet Mukherjee	SERB	26.07	Completed
3.	Development of Fresh Water Pearl Culture Unit Based On IoT-Data Analytics	2021-23	PI: Dr. Munesh Singh	DST	8.90	Completed
4.	Bot Prevention in Cyber Physical Systems	2021-23	PI: Dr. Neelam Dayal, CoPI: Prof. Atul Gupta	IHUB-NTIHAC, IIT Kanpur	35.00	Ongoing
5.	Discovery of Therapeutic Candidates for the Treatment of ZIKA Viral infection by using advanced computational techniques	2021-23	PI: Dr. N.R. Jena	CSIR	12.27	Completed
6.	Development of Li doped ZnO based electrolyte for low - temperature solid oxide fuel cell (SOFC)	2021-23	PI: Dr. Pankaj Sharma	SERB	32.86	Completed
7.	Study of Specific areas registering high failure rate of distribution transformers to analyse the cause of failure and suggest a solution to overcome this problem by applying IT technology and integrating it with metering solutions	2021-23	PI: Dr. V.K.Jain & Co-PI: Dr. S.K.Jain	DSIR	22.22	Completed

8.	Development of the AI based Technique to Predict the Multiple Defects of the Two-stage Gearbox	2021-23	PI: Prof. V.K. Gupta, CoPI: Dr. Shivdayal Patel	SERB	30.91	Ongoing
9.	Interface Investigation of β -(A ₁ xGa _{1-x}) ₂ O ₃ /Ga ₂ O ₃ Heterojunctions for High Electron Mobility Transistor Applications”, funded by UGC-DAE CSR	2022-25	PI: Dr. Pankaj Sharma	UGC-DAE, CSIR	7.29	Ongoing
10.	UAV- Assisted Wi-Fi Geofencing for UAV Tracking and Activity Monitoring in Restricted Perimeter.	2022-24	PI: Dr. Munesh Singh, CoPIs: Dr. V K Jain Dr. Vijaypal Singh Rathore, Dr. Abhishek Verma	TiHAN –IIT Hyderabad	15.70	Ongoing
11.	Development of ultra-fine grained novel metallic materials for defence applications via friction stir engineering and their characterization.	2022-24	PI: Dr. Manu Srivastava, CoPIs: Dr. P.M. Pandey , Dr. Sandeep Rathee	DST-SERB	40.81	Ongoing
12.	Investigation of Quantum Communication in MIMO and cooperative System: A Roadmap for Future Communications.	2023-26	PI: Dr. Atul Kumar	DST-SERB	19.72	Transferred
13.	Study and development of Information Entropy based distance measures for Categorical and Continuous Data in a Metric Space for Clustering	2022-25	PI: Dr. Sraban Kumar Mohanty	SERB	6.60	Ongoing
14.	Prevailing Justice among Tribes of Central and Southern India: The reach of Policies in Health Systems, Utilization and their Barriers	2022-24	PI: Dr. Sunil Agrawal	ICSSR	11.55	Ongoing
15.	Development of low-cost 3D Printing technology for personalized nutritious food preparation	2023-26	PI: Prof. Puneet Tandon Co-PI: Dr. K. Ponappa	DST -SERB	38.61	Ongoing

Projects

16.	Design and fabrication of Smart hybrid lot based solar dryer for food items.	2023-24	PI: Dr. Tushar Choudhary, Co-PI Dr. Munesh Singh	CSPC	5.00	Ongoing
17.	A Lightweight Hardware Logic Locking based Data Encryption Model for securing IoT Devices from Hardware and cyber-attacks.	2023-24	PI: Dr. Vijaypal Singh Rathore	DSCI	6.00	Ongoing
18.	3D-Mesh Model Steganography and Secure Communication in a Cloud Manufacturing Environment	2023-25	PI: Prof. A. Ojha, CoPIs: Prof. Pritee Khanna, Dr. Sraban Kumar Mohanty	DST	5.98	Completed
19.	Life time reliability analysis and mitigation techniques for high performance digital integrated circuits	2023-25	PI: Dr. Pushpa Raikwal	MPCST	7.90	Ongoing
20.	Design and development of indigenous novel smart hybrid solar dryer for food & agro industries	2023-25	PI: Dr. Tushar Chaudhary	MPCST	8.36	Ongoing
21.	Technique and Toolkit for Analysis of Multifactor Authentication.	2023-25	PI: Prof. Pritee Khanna, CoPI: Dr. Vijaypal Singh Rathore, Prof. A. Ojha	DRDO	85.20	Ongoing
22.	Autonomous Bed System for Bedridden Patients	2023-25	PI: Prof. Prabin Kumar Padhy, Co-PI: Prof. Vijay Kumar Gupta	IIT Mandi iHub & HCL Foundation	25.63	Ongoing
23.	Development of Reconstruction Techniques for VCG Signals to Enhance Healthcare Systems in Remote Location	2023-26	PI: Dr. Anil Kumar	SERB	20.03	Ongoing
24.	Investigation of power of Deep Neural Networks against various adversarial attacks and their applications to Cybersecurity	2023-25	PI: Dr. Sraban Kumar Mohanty, CoPIs : Dr. Ayan Seal, Prof. A.Ojha	DST	5.72	Completed

25.	Development of low weight nanostructured Functionally Graded Materials for high strength applications by hybrid asymmetric rolling and incremental forming methods	2023-26	PI: Prof. Puneet Tandon	DST	43.71	Ongoing
26.	Additive Manufacturing and Internet of Things based Flexible Healthcare and effective pandemic Management	2023-26	PI: Prof. Puneet Tandon, CoPIs: Prof. V. K. Gupta & Prof. Pritee Khanna	DST	26.59	Ongoing
27.	Experimental and Theoretical Investigation of Lead-Free CsAB ₃ (A=Sn, Ge; B = I, Cl, Br) Perovskite Solar Cells for Photo Conversion Efficiency and Stability Enhancement	2023-26	PI: Dr. Dip Prakash Samajdar	MoE-STARS	41.51	Ongoing
28.	An intelligent bot for automated customer perception analysis	2023-25	Dr. Dr. Avinash Chandra Pandey	Routine Clouds Pty. Ltd.	5.61	Ongoing
29.	Development of compact Thermoelectric generator integrated PEM Electrolyser for onboard hydrogen production for Co-firing in compression ignition Engine : A hybrid approach firing.	2024-27	PI: Dr. Tushar Choudhary	ANRF	48.12	Ongoing
30.	Design and Development of Lightweight Ballistic Composite Materials for Automobile Application	2024-26	PI: Dr. Shivdayal Patel	Saanvika Motors, Rewa	5.03	Ongoing
31.	IoT- based Electrospun wearable Sensor for Human Motion Monitoring	2024-27	PI: Dr. M. Zahid Ansari	SERB	36.68	Ongoing
32.	Multilayered Thin Film Coated Microwire Based Low Magnetic field Sensor Development	2024-27	PI: Dr. A.C. Mishra	NRB	6.13	Ongoing

Projects

33.	Graphene based beam forming antenna for THz Communication	2024-27	PI: Prof. Dinesh Kumar V, Co-PI: Dr. Manoj Singh Parihar	DOT	35.85	Ongoing
34.	The role of Old age homes in Providing social Security: A study of geriatric care in India	2024-25	PI: Dr. Mamta Anand	ICSSR	14.00	Ongoing
35.	An Empirical study of Mid-Day meal scheme in schools of Bundelkhand Region of Madhya Pradesh	2024-25	PI: Dr. Tripti Singh	ICSSR	10.00	Ongoing

Consultancy Projects

Sl. No.	Name of Consultancy work (Project Title)	Consultant (Name of Faculty)	Funded by (Name of Client)	Amount Received (in Rupees) in FY 2023-24
1	Development and Deployment of Load forecasting software, for SLDC, Orissa	Dr. V.K.Jain and Dr. S.K.Jain	SLDC, OPTCL, Bhubaneswar, Orissa	1,28,500/-
2	Machine Learning- Based Predictive Maintenance of Mining Drones	Dr. Matadeen Bansal	M/s Vyomchara Private Limited	80,000/-

Faculty Achievements

S. No.	Name	Awards / Achievements	Details	Awarded By	Date
1.	Dr. Amrita Bhattacharjee	Award	Most Productive Young Design & Copyright Achiever	PDPM IIITDM Jabalpur	8 Feb. 2025
2.	Prof. Pritee Khanna	Action Editor, Neural Networks Journal, Elsevier			Jan. 2025 onwards

Conference Organised

1. Prof. Pritee Khanna, Conference Convener, 9th IAPR International Conference on Computer vision & image processing (CVIP 2023), IIITDM Kancheepuram, IAPR, 19-12-2024 to 21-12-2024.
2. Dr. Mamta Anand & Dr. J. Al Muzzamil Fareen, Convenors, Critical Thinking & Research Analysis, PDPM IIITDM Jabalpur, PDPM IIITDM Jabalpur, 8-9 June 2024.

Keynote Address

S. No.	Name	Organization Name	Title	Conference Name	Venue	Date
1	Dr. Ranjeet Kumar Ranjan	Manipal University Jaipur, Jaipur, Rajsthan, India	Class Imbalance Problem	International Conference on Innovations in Data Science 2024 (ICIDS - 2024)	Manipal University Jaipur, Jaipur, Rajsthan, India	28 Nov. 2024
2	Dr. S.K. Jain	JEC, Jabalpur	Role of Virtual Inertia and Electric Vehicle Scheduling in Emerging Renewables-dominated Power System	National Conference on POver System Planning	JEC, Jabalpur	17 Dec. 2024

Events Organized

S. No.	Name	Event Type	Name of Event	Sponsoring Agency	Venue	Role	Start Date	End Date
1.	Prof. Aparajita Ojha and Prof. Pritee Khanna	FDP	Faculty Development Program on "Deep Learning with Generative AI for Computer Vision"	Electronics and ICT Academy, Phase II	On-line mode	Co-coordinator	08 Nov. 2024	19 Nov. 2024
2.	Dr. Shivansh Mishra	FDP	Recent Advances in Social Network Analysis	E&ICT Academy	ONLINE	Co-organizer	6 Jan. 2025	11 Jan. 2025
3.	Dr. Shivansh Mishra	FDP	Data Science for All	E&ICT Academy	ONLINE	Joint Co-Coordinator	24 Feb. 2025	4 March 2025
4.	Prof. Pritee Khanna	GIAN Course	GIAN course on Physics Aware Deep Learning by Dr. Stephen Baek, University of Virginia	Ministry of Education, Govt of India	Physical mode	Coordinator	10 Feb. 2025	11 Feb. 2025

Invited Talks and Expert Lectures

S. No.	Name	Presentation Type	Organization Name	Title	Date
1.	Prof. Pritee Khanna	Expert Lecture	Convolutional Neural Networks	Faculty Development Program on "Deep Learning with Generative AI for Computer Vision" organized by Electronics and ICT Academy, Phase II at PDPM IIITDM Jabalpur during Nov 8-19, 2024	12 Nov 2024
2.	Prof. Pritee Khanna	Expert Lecture	Autoencoders	Faculty Development Program on "Deep Learning with Generative AI for Computer Vision" organized by Electronics and ICT Academy, Phase II at PDPM IIITDM Jabalpur during Nov 8-19, 2024	15 Nov. 2024
3.	Prof. Pritee Khanna	Expert Lecture	Encoder Decoder Models for Image Segmentations	STC on Machine Intelligence and Vision Algorithms (MIVA 2024) in online mode during 12.09.2024 to 16.09.2024, organized by the Department of Computer Applications, NIT Kurukshetra.	16 Sept. 2024
4.	Dr. Akshay Pandey	Expert Lecture	MATLAB for Image Analysis and Pattern Recognition	Jaypee University of Information Technology Govt of India, conducted by Electronics & ICT Academy, C-DAC Mohali	04 Sept. 24
5.	Dr. Akshay Pandey	Expert Lecture	Recent Advances in Social Network Analysis	IIITDMJ	01 Jan. 2025
6.	Dr. Akshay Pandey	Expert Lecture	IoT, Robotics & Smart Sensors	IIITDMJ	22 Jan. 2025
7.	Prof. Pritee Khanna	Expert Lecture	Deep Learning for Diabetic Retinopathy in Fundus Images	DBT-sponsored popular lecture series on AI Applications in Diagnosis and Treatment, KVCET Chennai	8 March 2025
8.	Prof. Pritee Khanna	Expert Lecture	"Biometric System Evaluation" and "Deepfake Deepfake Generation and Detection"	FDP on "Biometric Security in the Generative AI Era", IIITDM Jabalpur	1-12 March 2025
9.	Prof. Pritee Khanna	Expert Lecture	Techniques and Toolkit for Analysis of Multifactor Authentication	User Workshop at Scientific Analysis Group, DRDO, New Delhi	17 Feb. 2025
10.	Prof. Pritee Khanna	Expert Lecture	"CNN Models", "Autoencoders", and "Deepfakes"	FDP on AI and Deep Learning, IIITDM Jabalpur	1-13 Feb. 2025

Invited Talks and Expert Lectures

11.	Prof. Pritee Khanna	Expert Lecture	Automated Grading and Lesion Segmentation for Diabetic Retinopathy: Grading and Segmentation in Fundus Images	FDP on “Advancements in Machine Learning and Deep Learning for Medical Image Analysis” at Baderia Global Institute of Engineering & Management, Jabalpur, India	22 Feb. 2025
12.	Dr. D.P. Samajdar	Keynot talk	AOT, West Bengal	Pwerovskite Solar Cells	28 Sept. 2024
13.	Dr. D.P. Samajdar	Invited Talk	SMIT	Innovations in Solar Photovoltaics: R&D Perspectives	03 Aug. 2024
14.	Dr. Satish Kumar Tiwari	FDP	IIITDM Jabalpur	Joint Communication & Sensing Toward 6G: A Nano Communication Approach for Healthcare Applications	14 June 2024
15.	Dr. Matadeen Bansal	Expert Talk	Karyashala on 5G and B5G.. at PDPM IIITDM Jabalpur	NOMA	14 June. 2024
16.	Dr. N.R. Jena	Invited	IIITDM Jabalpur	Density Functional Theory, Docking, and MD-simulations for Drug Design	2025
17.	Dr. Deepmala	Expert Lecture	Dayananda Sagar College of Engineering, Bengaluru	International Conference on “Computational Mathematics in the Era of Data Science & Artificial Intelligence” (ICCMDSAI-2025)	22 Feb. 2025
18.	Dr. Manish Kumar Thakur	Invited talk	Sandip Institute of Technology and Research Centre, Nashik	Design & Development of smart materials based magnetic actuators	10 Aug. 2024
19.	Dr. Manu Srivastava	Expert Talk	GLOBAL SILICONE TRENDS SYMPOSIUM 2024, Dusseldorf, Germany	Recent Trends and Applications of Silicone material in manufacturing	25-27 Sept. 2024
20.	Dr. Manu Srivastava	Expert Talk	High End Workshop on 3D Printing, Bio-manufacturing and Characterization of Materials, PDPM IIITDM Jabalpur	Wire arc additive manufacturing	6-12 May 2024
21.	Dr. Manu Srivastava	Expert speaker for FDP	Bio-Printing of Tissues and Organs: An Evolution of Technology and Materials	Tissues regeneration	19 Nov. 2024
22.	Dr. Manu Srivastava	Expert speaker for FDP	Bio-Printing of Tissues and Organs: An Evolution of Technology and Materials	Organs regeneration	19 Nov. 2024

Invited Talks and Expert Lectures

23.	Dr. Shivdayal Patel	Invited Lecture	SRM College	Introduction of Finite Element Analysis and Software based Application	Dec. 2024
24.	Dr. Shivdayal Patel	Invited Lecture (FDP)	IIITDM Jabalpur	Recent Advanced Mathematical Methods for Engineering and Physical Sciences	Mar. 2025
25.	Prof. P K Jain	Keynote Address	Department of Mechanical Engineering, NIT Kurukshetra	Additive Manufacturing: Challenges, Applications and Future	1-3 March 2024
26.	Prof. P K Jain	Expert talk	Department of Mechanical Engineering, PDPM Indian Institute of Information Technology Design and Manufacturing Jabalpur	Programming Solutions for 3D Printing and Research	06-12 May 2024
27.	Prof. P K Jain	Expert talk	Department of Mechanical Engineering, Dream Institute of Technology, Kolkata	Emerging Research Trends in Additive Manufacturing	23-25 May 2024
28.	Prof. P K Jain	Expert talk	UGC- Malaviya Mission Teacher Training Centre Jawaharlal Nehru Technological University Hyderabad Kukatpally	Role of Programming in Effective Teaching	09-24 Sept. 2024
29.	Prof. P K Jain	Expert talk	Centre of excellence in AM and Department of Mechanical Engineering	Programming skills required to carry out research in Additive Manufacturing	02-07 Dec. 2024
30.	Prof. Puneet Tandon	Keynote Address	IIT Hyderabad	Influence of Generative AI in Transforming Design	9 Jan. 2025
31.	Prof. Puneet Tandon	Expert Talk	Armoured Vehicles Nigam Ltd. (AVNL), Vehicle Factory, Jabalpur	Hybrid Manufacturing	25. Sept. 2024
32.	Prof. Puneet Tandon	Expert Talk	Armoured Vehicles Nigam Ltd. (AVNL), Vehicle Factory, Jabalpur	Metal Forming	24 Sept. 2024
33.	Prof. Puneet Tandon	Expert Talk	Armoured Vehicles Nigam Ltd. (AVNL), Vehicle Factory, Jabalpur	Introduction to Process Engineering	23 Sept. 2024
34.	Prof. Puneet Tandon	Expert Talk	High-End SERB Karyashala, IIITDM Jabalpur	Biomedical Applications of Additive Manufacturing	8 May 2024
35.	Prof. Puneet Tandon	Expert Talk	IIT Guwahati	Design of Cyber-Physical Systems for Additive Manufacturing	2 April 2024

Invited Talks and Expert Lectures

36.	Dr. Syam Kumar Chokka	Expert speaker for FDP	KL University Vijayawada	Design of Belt Drives	26 Dec. 2024
37.	Dr. Syam Kumar Chokka	Expert Talk	GEMS Polytechnic College, Patna	NDT for Mechanical Engineers	27 Sept. 2024
38.	Dr. H S Nanda	Expert Talk	UGC- Malaviya Mission Teacher Training Centre - Jawaharlal Nehru Technological University Hyderabad, Telangana.	Introduction to Biomaterials: Basics, Properties and Applications in Modern Healthcare	11 Sept. 2024
39.	Dr. H S Nanda	Expert Talk	UGC- Malaviya Mission Teacher Training Centre - Jawaharlal Nehru Technological University Hyderabad, Telangana.	Biomaterials as Tissue Mimicking Materials: Preparation and Application in Regenerative Engineering	18 Sept. 2024
40.	Dr. H S Nanda	Expert Talk	UGC- Malaviya Mission Teacher Training Centre - Jawaharlal Nehru Technological University Hyderabad, Telangana.	Biomaterial based Bioadhesives: Preparation and Application as Surgical Glue for Fixation of Medical Implants and Devices	21 Sept. 2024
41.	Dr. H S Nanda	Expert Talk	GMR institute of Technology, Rajam, Visakhapatnam, Andhra Pradesh, India	Engineering considerations in the design of biinks for 3D Bioprinting of tissue engineering scaffolds	19 Oct. 2024
42.	Dr. H S Nanda	Expert Talk	GMR institute of Technology, Rajam, Visakhapatnam, Andhra Pradesh, India	Biomaterials as Tissue Mimicking Materials: Manufacturing advances towards 3D printing and Bioprinting	19 Oct. 2024
43.	Dr. H S Nanda	Expert Talk	MIPS Rayagada (MITS Group of Institutions), Rayagada, Odisha, India	Innovations in Biomaterials for Modern Healthcare	22 Dec. 2024

Patent Published (FY - 2024-25)

S. No.	Title	Name of Inventor	Application No.	Date of Filing	Year of Filing	Date of Published	Year of Published
1.	A DEVICE FOR AUTOMATIC SCHIZOPHRENIA DISEASE DETECTION USING FMRI IMAGES AND METHOD THEREOF	Dr. Varun Bajaj, Dr. Rajveer Singh Lalawat	202321084407	11-Dec-2023	2023	17-May-2024	2024
2.	MOBILITY AND WALKING ASSISTANCE DEVICE FOR THE ELDERLY AND DISABLED PERSONS	Prof. Puneet Tandon, Trushna Gopalrao Khalode	202421031099	18-Apr-2024	2024	17-May-2024	2024
3.	A DEVICE FOR LOWER BODY EXOSKELETON	Prof. Vijay Kumar Gupta, Prof. Tanuja Sheorey, Harsh Yadav, Saurabh Akella	202421045715	13-Jun-2024	2024	12-Jul-2024	2024
4.	IOT-BASED CULINARY 3D PRINTING SYSTEM WITH POST-PROCESSING MODULE	Prof. Puneet Tandon, Dr. K. Ponappa, Rahul Soni, Harshal Yadaorao Shahare	202421046750	18-Jun-2024	2024	19-Jul-2024	2024
5.	EASY CLEANING DEVICE FOR JANITORS	Prof. Puneet Tandon, Sakshi Patel, Versha Yadav, Ananya Varshney	202421007931	06-Feb-2024	2024	26-Jul-2024	2024
6.	A SYSTEM AND A METHOD FOR REAL-TIME DETECTION OF DEFECTS IN 3D PRINTED PARTS	Prof. Puneet Tandon, Vivek Vasanta Bhandarkar, Mithilesh Kumar Tiwari	202421016804	08-Mar-2024	2024	26-Jul-2024	2024
7.	A BRAILLE IMPRINTING DEVICE AND ITS METHOD THEREOF	Prof. Puneet Tandon, Lakshmi	202421017516	11-Mar-2024	2024	26-Jul-2024	2024
8.	IoT ENABLED SMART INHALER DEVICE	Prof. Puneet Tandon, Abantika Das, Ananya Varshney, Versha Yadav	202421045802	13-Jun-2024	2024	26-Jul-2024	2024

9.	A SYSTEM FOR AUTONOMOUSLY CONTROLLING A BED AND ITS METHOD THEREOF	Prof. Prabin Kumar Padhy, Prof. Vijay Kumar Gupta, Nikhil Kushwaha, Abhishek Gupta, Nitin Mishra	202421049185	27-Jun-2024	2024	26-Jul-2024	2024
10.	A SMART POWDER DOSING SYSTEM	Prof. Puneet Tandon, Dr. Shekhar Srivastava, Dr. K. Ponappa, Rahul Soni	202421050733	02-Jul-2024	2024	16-Aug-2024	2024
11.	CONTINUOUS LUBRICATING BALL FORMING TOOL	Prof. Puneet Tandon, Dr. K. Ponappa, Rahul Soni, Harshal Yadaorao Shahare	202421050817	03-Jul-2024	2024	16-Aug-2024	2024
12.	Product delivery system	Dr. Sangeeta Pandit, Rahul D Uikey, Pankaj Mishra, Pushpendra Adhikari	202421050264	01-Jul-2024	2024	06-Sep-2024	2024
13.	AN ELECTRONIC DEVICE AND ITS METHOD OF FABRICATION	Dr. Pankaj Sharma, Akash Patnaik	202421061536	13-Aug-2024	2024	06-Sep-2024	2024
14.	A MEDICAL STRETCHER MATTRESS	Dr. Amrita Bhattacharjee, Lakshmi, Srija Sriram, Vinay Priyadharshan Jayamani, Udit Krishna	202421036499	08-May-2024	2024	14-Mar-2025	2025
15.	A DUAL-MODE DESK LAMP AND METHOD OF OPERATION	Dr. Amrita Bhattacharjee, Aadi Abhay Kulkarni, Aadish Amardeep Patil, Arushi Chandak, Tejas Sunil Suryawanshi	202421053845	15-Jul-2024	2024	14-Mar-2025	2025
16.	A FOLDABLE EYEWEAR WITH MAGNETIC CASE	Dr. Amrita Bhattacharjee, Amal Krishna A., Tejas Nishad, Tharunvarshan A.S., Aishwarya Nitin Ghatole, Sachjith M.	202421066601	03-Sep-2024	2024	14-Mar-2025	2025
17.	AN INTEGRATED RACK-IN-SINK DISHWASHER	Dr. Amrita Bhattacharjee, Sankpal, Anjali Somnath, Kadam Janhavi Prasad, Baruri Satwik	202421071250	20-Sep-2024	2024	14-Mar-2025	2025
18.	AN AMUSEMENT DEVICE FOR POWER GENERATION	Dr. Amrita Bhattacharjee	202421099126	14-Dec-2024	2024	14-Mar-2025	2024

19.	AN OVEN AND METHOD OF ITS OPERATION THEREOF	Dr. Amrita Bhattacharjee	202421078650	16-Oct-2024	2024	14-Mar-2025	2025
20.	AN ADAPTABLE TOTE BAG	Dr. Amrita Bhattacharjee, Akshra Vajja, Jyotsna Tripathi, Rahul R Nadkarni, Revathy Raj N, Shraddha Singh, Vishrut Sagar	202421086942	11-Nov-2024	2024	14-Mar-2025	2025
21.	AN AUTOMATED INTRAVENOUS DRIP MONITORING AND CONTROL SYSTEM AND A METHOD FOR OPERATION THEREOF	Prof. Puneet Tandon, Anushka Gopal, Kushagra Rawat, Shubhang Mathur, Rushikesh Shinde, Priyal Raj	202521004528	20-Jan-2025	2025	21-Feb-2025	2025
22.	BONE CONDUCTION HEARING AID DEVICE WITH DOCKING MECHANISM	Prof. Puneet Tandon, Nikhil Srikrishnan, Riddhiman Dutta Choudhury, Jitendra Kakade	202521001181	06-Jan-2025	2025	28-Feb-2025	2025
23.	360 DEGREE VIEW MIRROR SYSTEM	Dr. Amrita Bhattacharjee, Ayushi Vats	202521014671	20-Feb-2025	2025	21-Mar-2025	2025
24.	A SUSTAINABLE AND PORTABLE AIR COOLER	Dr. Amrita Bhattacharjee, Charvi Golechha, Sneha Anil Patni, Shanu Priya Garg, Aishwarya Nitin Ghatole	202521016064	24-Feb-2025	2025	21-Mar-2025	2025
25.	A REAL-TIME WARNING SYSTEM AND METHOD TO DETECT CHATTER DURING THE TURNING PROCESS	Prof. Vijay Kumar Gupta, Sanjay Sharma, Mustafizur Rahman & Tanveer Saleh	202521010784	08-Feb-2025	2025	28-Feb-2025	2025

Patent Granted (FY-2024-25)

S. No.	Name of Inventor	Application Number	Title	Date of filing	Date of Granting	Patent No.
1.	Prof. Tanuja Sheorey Dr. Shivdayal Patel,	202021053251	TWO-POINT OXYGEN AND/OR AIR SUCTION CARDIO-PULMONARY RESUSCITATION (CPR) DEVICE	07-Dec-2020	06-Aug-2024	547143
2.	Prof. Dinesh Kumar Vishwakarma, Dr. Manoj Singh Parihar, Abhishek Pahuja	202021024822	SOLAR CELL DEVICE WITH IMPROVED ABSORPTION AND TRAPPING EFFICIENCY AND METHOD OF ITS WORKING THEREOF	12-Jun-2020	30-Aug-2024	549350
3.	Prof. Prabin Kumar Padhy, Bharat Verma	202021015342	SYSTEM AND METHOD FOR ONLINE TUNING OF CONTROLLER	07-Apr-2020	17-Mar-2025	562664
4.	Dr. Biswajeet Mukherjee, Monika Chauhan	202021039785	DIELECTRIC RESONATOR ANTENNA (DRA) SYSTEM AND METHOD OF DESIGNING THEREOF	14-Sep-2020	24-Jun-2024	542625
5.	Dr. Biswajeet Mukherjee, Shivangi Pande, Akshay Kenjale, Aditya Mathure, Puluguju Daniel Akhil Kumar, Maitrayee Gautami, Nikhil Krishna Reddy	202121012746	SYSTEM AND METHOD FOR A WALKING AID PROVIDING ASSISTED COMMUNICATION FOR A USER	24-Mar-2021	28-Mar-2025	564416
6.	Dr. Biswajeet Mukherjee, Shivangi Pande, Puluguju Daniel Akhil Kumar	202121012265	ASYMMETRIC UMBRELLA WITH A STRAIN REDUCING HAND BAND	22-Mar-2021	24-Jul-2024	545802
7.	Prof. Vijay Kumar Gupta, Tejkaran Narolia	202121001943	SYSTEM AND METHOD FOR HARVESTING ENERGY	15-Jan-2021	31-Jul-2024	546810
8.	Prof. Puneet Tandon, Dr. K. Ponappa, Rahul Soni	202221059835	AN IOT ENABLED THREE-DIMENSIONAL FOOD PRINTING SYSTEM AND A METHOD FOR OPERATION THEREOF	19-Oct-2022	09-May-2024	537498
9.	Prof. Pravin Neminath Kondekar, Aman Kushwaha	202321054167	AN ELECTRONIC DEVICE FOR MANAGING CALLS AND A METHOD THEREOF	11-Aug-2023	29-Jan-2025	559085

Patent Filed (FY 2024-25)

Sr. No.	Application Number	Title	Inventor Name	Date of Filing	Date of Publication
1.	202421045715	A device for lower body exoskeleton	Harsh Yadav Saurabh Akella Prof. Tanuja Sheorey Prof. Vijay Kumar Gupta	13/06/2024	12/07/2024
2.	202421045824	Lower knee robotic's exoskeleton device for osteoarthritis patients	Prakhar Raghuvanshi Thakur Ashwani Kumar Pradeep Kushwaha Devendra Patil Mrinal Raj Tirkey Dugge Shashidhar Nikhilesh Shiva Raman Navile Dr. Sangeeta Pandit	13/06/2024	25/07/2025
3.	202421050817	Continuous Lubricating Ball-Tip Forming Tool	Ankit Kumar Gupta Harshal Y. Shahare Prof. Puneet Tandon	03/07/2024	16/08/2024
4.	202421049185	A System for autonomously controlling a bed and its method thereof	Nikhil Kushwaha Abhishek Gupta Nitin Mishra Prof. Prabin Kumar Padhy Prof. Vijay Kumar Gupta	27/06/2024	26/07/2024
5.	202421036499	A medical Stretcher Mattress	Lakshmi Srija Sriram Vinay Priyadharshan Jayamni Udit Krishan Dr. Amrita Bhattacharjee	05/08/2024	14/03/2025
6.	202421031099	Mobility and Walking Assistance Device for the Elderly and Disabled persons	Trushna Gopalaro Khalode Prof. Puneet Tandon	18/04/2024	17/05/2024
7.	202421028250	A Depressed detection system and a method thereof	Shubham Choudhary, Dr. Manish Kumar Bajpai Dr. Kusum Kumari Bharti	05/04/2024	25/07/2025
8.	202421050264	Product delivery system	Rahul Uikey Pankaj Kumar Pushpendra Adhikari Dr. Sangeeta Pandit	01/07/2024	06/09/2024
9.	202421045802	IoT enabled smart inhaler	Abantika Das Ananya Varshney Versha Yadav Prof. Puneet Tandon	13/06/2024	26/07/2024

10.	202421061536	An electronic device and its method of fabrication	Aakash Patnaik Dr. Pankaj Sharma	13/08/2024	06/09/2024
11.	202421046750	IOT-based culinary 3D printing system with post-processing module	Rahul Soni Harshal Yadaora Shahare Dr. K Ponappa Prof. Puneet Tandon	18/06/2024	19/07/2024
12.	202421062012	Green substrate-based twin-shaped metal deposition for image processing of functionally graded deposition	Ashish Yadav Pushar Badoniya Dr. Manu Srivastava Prof. Prashant K. Jain	28/06/2024	18/07/2025
13.	202421062968	An Intelligent Twin Arc-based Layered Manufacturing (TALM) system	Ashish Yadav Pushkal Badoniya Dr. Manu Srivastava Prof. Prashant K. Jain	20/08/2024	18/07/2025
14.	202421072470	An Adaptive Cooling System for Twin Arc-Based Layered Manufacturing (TALM)	Mr. Pushkal Badoniya Mr. Ashish Yadav Prof. Prashant K. Jain Dr. Manu Srivastava	25/09/2024	30/05/2025
15.	202421081274	Method of fabrication of green triangular shaped substrates by shaped metal deposition (SMD) process	Ashish Yadav Pushkal Badoniya Dr. Manu Srivastava Prof. Prashant K. Jain	25/10/2024	30/05/2025
16.	202421069044	System and Method for preventing image of video forgery	Mr. Bhagwan Krishna Gupta Mr. Abhishek Kumar Chouhan Dr. Durgesh Singh	12/09/2024	05/09/2025
17.	202421053845	A dual-mode desk lamp and method of operation	A.A. Kulkarni Aadish A. Patel Arushi Chandak T S Suryawanshi Dr. Amrita Bhattacharjee	15/07/2024	14/03/2025
18.	202421071250	An integrated Rack-in-Sink Dishwasher	Dr. Amrita Bhattacharjee	20/09/2024	14/03/2025
19.	202421059037	Distribution Transformer Overload Monitoring and Failure Management	Dr. Sachin Kumar Jain Dr. Vinod Kumar Jain	05/08/2024	20/06/2025
20.	202421091552	An adaptable Workstation for Embroidery	Pankaj Kumar Rahul Uikey Rajat Kamle Dr. Sangeeta Pandit	25/11/2024	25/07/2025

21.	202421085309	A raw Mango Cutting Tool	Pankaj Kumar Rahul Uikey Avinash Sahu Dr. Sangeeta Pandit	07/11/2024	25/07/2025
22.	202421080714	A Double pass solar air heater device and method of operation thereof	Dr. Tushar Choudhary Prof. Tanuja Sheorey	23/10/2024	11/04/2025
23.	202421099126	An amusement device for power generation	Sneha Anil Patni Shanu Priya Garg, Sai Pranathi Boda, Charvi Golechha, Falguni Chandrashekhar Katre Dr. Amrita Bhattacharjee	14/12/2024	14/03/2025
24.	202421078650	An Oven and method of its operation thereof	Fayez Hossain, Parth Sanjay Patil, Tanishq Hemant Kumbhare, Ved Dilip Dabhade, Sarthak Jain & Dr. Amrita Bhattacharjee	16/10/2024	14/03/2025
25.	202421086942	An adaptable tote bag	Akshra Vajja Jyotsana Tripathi Rahul N Nadkarni Revathy Raj N Shraddha Singh Vishrut Sagar Dr. Amrita Bhattacharjee	11/11/2024	14/03/2025
26.	202421065373	A backpack integrated with multifunctional lap	Riya Jain Anant Prakash Yadav	29/08/2024	25/07/2025
27.	202421065414	A system and a method of managing compensation claims from wildlife encounters	Sarvesh Tripathi Mr. Gaurav Prahlad Chandarkar Dr. Tripti Singh	29/08/2024	25/07/2025
28.	202421050733	A smart powder dosing system	Rahul Soni Dr. Shekhar Srivastava Dr. K. Ponappa Dr. Puneet Tandon	02/07/2024	16/08/2024
29.	202421050264	Product delivery system	Rahul D Uikey Pankaj Mishra Pushpendra Adhikari Dr. Sangeeta Pandit	01/07/2024	06/09/2024

30.	202421072793	A method for image reconstruction in computed tomography (CT) scan	Mr. Kailash Kalare Dr. Manish Bajpai	26/09/2024	25/07/2025
31.	202421066601	A foldable eyewear with magnetic case	Amal Krishna A Tejas Nishad AS Tharunvarshan Aishwarya Ghatole M Sachjith Dr. Amrita Bhattacharjee	03/09/2024	14/03/2025
32.	202421080493	An embedded microchannel heat sink for cooling processing chip	Devi Singh Rawat Mayur Mungole Prof. Tanuja Sheorey	23/10/2024	11/04/2025
33.	202421085439	A device for providing friction stir welding	Ashish Yadav Dr. Sandeep Rathee Prof. Pulak Mohan Pandey Dr. Manu Srivastava	07/11/2024	30/05/2025
34.	202421104574	An augmented reality-based system for individuals with physical disabilities	Vutukuri Sahith Ovee Chachad Khushmi Shah Y. Madhuri Srija Sriram Aishwarya Sini Lal Shanu Priya Garg Manish Chandolu Prof. Pritee Khanna	30/12/2024	25/07/2025
35.	202421091087	A System for classifying a colorectal tissue and method of operation thereof	Anurodh Kumar, Dr. Amit Vishwakarma Dr. Varun Bajaj	22/11/2024	25/07/2025
36.	202421092815	A system and method for tracking maximum solar energy	Mr. K. Gnaneshwar Rishika Trivedi Pushkar Prakash Arya Prof. P.K. Padhy	27/11/2024	30/05/2025
37.	202421080581	Adaptive fixture for enhanced friction stir engineering system and method thereof	Sandeep Rathee PM Pandey Risabh Dwivedi Ashish yadav Dr. Manu Srivastava	23/10/2024	18/07/2025

38.	202521001181	Bone conducting hearing aid device with docking	Nikhil Srikrishnan Ridhiman Dutta Choudhury Jitendra Kakade Prof. Puneet Tandon	06/01/2025	28/02/2025
39.	202521003751	A real time monitoring system for fabricating hybrid composite materials and a method thereof	Dr. Shiv Dayal Patel	16/01/2025	02/05/2025
40.	202521003750	An artificial intelligence-based system for classification of sleep stage	Dr. Shiv Dayal Patel	16/01/2025	30/05/2025
41.	202521004528	An automated intravenous drip monitoring and control system and a method for operation thereof	Anushka Gopal Kushagra Rawat Shubhang Mathur Rishikesh Shinde Priyal Raj Prof. Puneet Tandon	20/01/2025	21/02/2025
42.	202521010784	A Real-time warning system and method to detect chatter during the turning process	Sanjay Sharma Prof. M. Rahman Tanveer Saleh Prof. V.K. Gupta	08/02/2025	28/02/2025
43.	202521014671	360-Degree View Mirror system	Ayushi Vats Dr. Amrita Bhattacharjee	20/02/2025	21/03/2025
44.	202521015185	A Compass with Integrated ruler and method of operation thereof	Prakhar Srivastava Akhil Negi Dr. Prabir Mukhopadhyay	21/02/2025	08/08/2025
45.	202521016064	A Sustainable and Portable Air Cooler	Charvi Golechha Sneha Anil Patil Shanu Priya Garg Aishwarya Nitin Ghatole Dr. Amrita Bhattacharjee	24/02/2025	21/03/2025
46.	202521020167	An enclosure for accommodating Internal Hard Drive	Dr. Amrita Bhattacharjee	06/03/2025	27/06/2025
47.	202521020630	An extrusion system for the 3D printing and a method of operation thereof	Vicky S Tailang Sankalp Dr. Himansu Shekhar Nanda Prof. Puneet Tandon	07/03/2025	09/05/2025

48.	202521021818	An AI-based Adaptive System for Retrieval and organization	Nishant Khare Astha Singh Viral Doshi Samir Jain Prof. Aparajita Ojha Prof. Pritee Khanna	11/03/2025	20/06/2025
49.	202521022016	A super wideband filtenna for wireless communication and its method of fabrication thereof	Abhishek Patel Dr. Trivesh Kumar Dr. Manoj Singh Parihar	11/03/2025	20/06/2025
50.	202521029227	System and method for IOT-enabled smart dashboard and mobile augmented reality system for hybrid additive manufacturing	A Dubey MK Tiwari Dr. K. Ponappa Prof. Puneet Tandon	27/03/2025	09/05/2025
51.	202521031669	An expandable food container	Riya Jain Dr. Amrita Bhattacharjee	31/03/2025	27/06/2025

Details of Faculty Development Programmes conducted in FY 2024-25

Sl. No.	Course Name	Coordinator Name	Start Date	End Date	Mode	Host Institute	Total Number of beneficiaries	No. of Faculties	FDP Type
1	Deep Learnng with Generative AI for Computer Vision	Prof. A.Ojha, Prof. Pritee Khanna	08-Nov-24	19-Nov-24	Online	PDPM IIITDM Jabalpur	368	321	Sole
2	Recent Advances in Social Networking Analysis	Dr. Avinash Chandra Pandey, and Dr. Shivansh Mishra, IIITDM Jabalpur	06-Jan-25	11-Jan-25	Online	PDPM IIITDM Jabalpur	75	68	Sole
3	Generative AI and Use Cases	Dr. Rakesh Sanodiya, Jt Principal Coordinator, IIITDM Jabalpur	11-Jan-25	02-Feb-25	Online	PDPM IIITDM Jabalpur	109	99	Joint Program with all Academies
4	IoT and Machine Learning for Advanced Biomedical Signal Processing	Dr. I. A. Ansari, Dr. Pragya Swami, Dr. Biswabandhu Jana, ABV-IIITM Gwalior & Dr. Amit Vishwakarma, PDPM IIITDM Jabalpur	15-Jan-25	24-Jan-25	Online	ABV-IIITM Gwalior	82	79	Joint with partner institute
5	Semiconductor Fabrication & Packaging Technology	Dr. Dip Prakash Samajdar, Jt Principal Coordinator, IIITDM Jabalpur	20-Jan-25	31-Jan-25	Online	PDPM IIITDM Jabalpur	105	52	Joint Program with all Academies
6	Cyber security (Dark Web)	Dr. Neelam Dayal, Jt Principal Coordinator, IIITDM Jabalpur	21-Jan-25	31-Jan-25	Online	PDPM IIITDM Jabalpur	96	78	Joint Program with all Academies
7	Wireless Communication Technologies: 5G and Beyond	Dr. R. N. Yadav, Dr. Lalita Gupta, Dr. Gaurav Upadhyay, MANIT Bhopal and Dr. Matadeen Bansal, IIITDM Jabalpur	06-Jan-25	10-Jan-25	Physical	MANIT Bhopal	52	40	Joint with partner institute
8	Leveraging AI for Information and Cybersecurity	Dr. Munesh Singh, IIITDM Jabalpur	23-Jan-25	02-Feb-25	Online	PDPM IIITDM Jabalpur	67	58	Sole
9	AI and Deep Learning	Dr. Amit Vishwakarma, Principal Coordinator, IIITDM Jabalpur (Joint Academy Programme)	01-Feb-25	23-Feb-25	Online	PDPM IIITDM Jabalpur	113	97	Joint Program with all Academies (Principal Coordinaoor, IIITDMJ)
						Anna University, Chennai	34	31	
10	Technology-enabled Teaching, Learning & process for Institutes	Dr. Ponappa.K, Joint- Principal Coordinator, IIITDM Jabalpur (Joint Academy Programme)	03-Feb-25	14-Feb-25	Online	PDPM IIITDM Jabalpur	59	55	Joint Program with all Academies
						Anna University, Chennai	38	37	
						Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur	66	63	
11	Next Generation Semiconductor Devices and Materials	Dr. Dip Prakash Samajdar, PDPM IIITDM Jabalpur (Sole Academy Programme)	03-Feb-25	08-Feb-25	Online	PDPM IIITDM Jabalpur	54	40	Sole
12	Generative AI for text with large Language Models	Dr. Swati Hira, Dr. Nishat Ansari, Dr. Amol P. Bhopale, IIIT Nagpur and Dr. Avinash Chandra Pandey, IIITDM Jabalpur (Programme with Spoke Institute)	03-Feb-25	12-Feb-25	Online	IIIT Nagpur	59	50	Joint with partner institute

13	VLSI Design using Open source tools	Dr. Pushpa Raikwal, Joint- Principal Coordinator, IIITDM Jabalpur (Joint Academy Programme)	10-Feb-25	21-Feb-25	Online	PDPM IIITDM Jabalpur	21	15	Joint Program with all Academies
						IIIT Nagpur	40	27	
14	Advanced Optimization Techniques using MATLAB	Prof. Prabin Kumar Padhy, Joint- Principal Coordinator, IIITDM Jabalpur (Joint Academy Programme)	17-Feb-25	28-Feb-25	Online	PDPM IIITDM Jabalpur	60	60	Joint Program with all Academies
						IIIT Nagpur	39	31	
15	Intricacies of Analog & Mixed Signal design	Dr. Anil Kumar, Joint- Principal Coordinator, IIITDM Jabalpur (Joint Academy Programme)	17-Feb-25	28-Feb-25	Online	PDPM IIITDM Jabalpur	27	20	Joint Program with all Academies
						IIIT Nagpur	10	9	
16	IoT Applications with Sensors, Embedded Systems, and Data Analytics	Prof. Vijay Kumar Gupta, Joint- Principal Coordinator, IIITDM Jabalpur (Joint Academy Programme)	17-Feb-25	28-Feb-25	Online	PDPM IIITDM Jabalpur	98	90	Joint Program with all Academies
						Anna University, Chennai	62	47	
						IIIT Nagpur	3	3	
17	Startup in VLSI Design, Embedded System and Computational Intelligence	Prof. Kavita Thakur, Pt. Ravishankar Shukla University Raipur, Prof. D.K. Yadav, ISVE Ranchi and Dr. Pankaj Sharma, IIITDM Jabalpur (Programme with Spoke Institute)	17-Feb-25	22-Feb-25	Physical	Pt. Ravishankar Shukla University Raipur	54	25	Joint with partner institute
18	Data Science for All	Dr. Shivansh Mishra, Joint- Principal Coordinator, IIITDM Jabalpur (Joint Academy Programme)	24-Feb-25	06-Mar-25	Online	PDPM IIITDM Jabalpur	101	90	Joint Program with all Academies
						Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur	20	20	
						Anna University, Chennai	27	20	
						IIIT Nagpur	50	43	
19	Quantum Technologies and Applications	Dr. Dip Prakash Samajdar, Joint- Principal Coordinator, IIITDM Jabalpur (Joint Academy Programme)	28-Feb-25	22-Mar-25	Online	PDPM IIITDM Jabalpur	69	59	Joint Program with all Academies
						IIIT Nagpur	30	27	
20	Biometrics Security in the Generative AI Era	Prof. Pritee Khanna, Principal Coordinator, IIITDM Jabalpur (Joint Academy Programme)	01-Mar-25	12-Mar-25	Online	PDPM IIITDM Jabalpur	85	78	Joint Program with all Academies (Principal Coordinator, IIITDMJ)
						Anna University, Chennai	36	35	
						IIIT Nagpur	38	35	
21	AI based Drug Design	Dr. Nihar R. Jena, PDPM IIITDM Jabalpur	17-Mar-25	22-Mar-25	Online	PDPM IIITDM Jabalpur	72	66	Sole
22	Recent advanced mathematical methods for engineering and physical sciences	Dr. Lokendra K. Balyan, PDPM IIITDM Jabalpur	20-Mar-25	25-Mar-25	Online	PDPM IIITDM Jabalpur	62	58	Sole
Total							2381	2026	

Scholarship, Freeships & Financial Assistance

1. From April 2024 to March 2025- for financial year 2024-25

The Academic year of students starts from the month of August & ends in the month of July. Therefore, the expenses that have been made of MCM & Tuition Waiver are mentioned as follows:

1.) **Expenses incurred from April 2024 to March 2025 (for the financial year 2024-25).**

S. No.	B.Tech. batch	Total no. of students eligible to get MCM for F.Y. 2023-24	Total Amount paid @Rs. 1000/- per month (Batch 2020 for 9 months & 2021, 2022, 2023 for 12 months)		Batch 2020 Tuition Waiver Rs. 118580/- (Sem-I & II) Batch 2021 Tuition Waiver Rs. 130440/- (Sem-I & II) Batch 2022 Tuition Waiver Rs.130440/- (Sem-I & II) Batch 2023 Tuition Waiver Rs.143500/- (Sem-I & II)		Total Amount Paid
			(A)	(B)	(C)	(D)	
1.	2021	65	9000x65	5,85,000.00	65x130440	84,78,600.00	90,63,600.00
2.	2022	47	12000x47	5,64,000.00	44x130440	57,39,360.00	63,03,360.00
3.	2023	44	12000x44	5,28,000.00	43x143500	61,70,500.00	66,98,500.00
4.	2024	44	12000x44	5,28,000.00	41x143500	58,83,500.00	64,11,500.00
						Total	2,84,76,960.00

- For the **S.No. 2** in 47 students out of which 3 students belong to SC category, T.F. is nil.
 - For the **S.No. 3** in 44 students out of which 1 student belong to SC category, T.F. is nil.
 - For the **S.No. 4** in 44 students out of which 3 students belong to SC category, T.F. is nil.
- Total amount paid towards MCM Scholarship and Tuition Fee Waiver for the AY 2024-25 **Rs. 2,84,76,960/-**

• **2. Single Earning Parents Scholarship for AY 2024-25.**

S.No.	No. of Students	Total Rs. Sanction	Year
1.	3	3,26,100.00	2024-25

3. **Madhya Pradesh State Scholarship (MMVY) M.P. Portal Online 2.0 under the Scheme :**

S.No.	No. of Students	Total Rs. Sanction	Year
1.	100	1,70,06,020.00	2024-25

Mukhyamantri Medhavi Vidarthi Yojna 2024-25.

Scholarship, Freeships & Financial Assistance

4. Madhya Pradesh State Scholarship (MMJKY) M.P. Portal Online 2.0 under the Scheme:

S.No.	No. of Students	Total Rs. Sanction	Year
1.	3	5,15,380.00	2024-25

Mukhyamantri Medhavi Jankalyan Kalyan Yojna 2024-25.

5. PM Yasasvi Top Class Education in College OBC, EBC and DNTs under Ministry of Social Justice and Empowerment (Backward Classes), New Delhi (Payments of Students Scholarship AY 2024-25).

S.No.	Batch	No. of Students	Amount (in Rs.)
1	2021	03	5,59,320.00
2	2022	04	7,45,760.00
3	2023	33	1,08,45,750.00
4	2024	56	1,42,80,000.00

6. Ministry of Tribal Affairs (ST Students), New Delhi (Payments of Students Scholarship (Year 2024-25)).

S.No.	Batch	No. of Students	Amount (in Rs.)
1	2021	11	4,51,000.00
2	2022	11	4,51,000.00
3	2023	18	15,48,000.00
4	2024	19	21,18,500.00

7. Ministry of Social Justice and Empowerment (SC Students), New Delhi (Payments of Students Scholarship AY 2024-25).

S.No.	Batch	No. of Students	Amount (in Rs.)
1	2021	10	5,60,000.00
2	2022	7	3,92,000.00
3	2023	17	9,52,000.00
4	2024	34	37,91,000.00

Apart from concentrating on academic activities, the Institute also places emphasis on an all-round development of its students. The Institute has, therefore, created excellent infrastructure for a variety of co-curricular and extra-curricular activities such as sports, Student Publications, Robotics as well as Cultural and Welfare Programs.

There are three areas of Students Gymkhana viz. Cultural, Science and Technology, and Sports. At present twenty three clubs of students gymkhana have been functioning and being administered by students under the guidance of faculty counselors of respective area.

Students' Gymkhana is constituted to evolve a disciplined self-governance for carrying out various extracurricular in-campus activities and to establish a responsible and accountable student body. Students' Gymkhana is governed by Student Senate which is constituted in a democratic way through elections among each discipline and batch of the students. Student Senate members are elected through direct ballot voting.

Student Gymkhana is headed by Dean (Students). Dean (Students) chairs all the meetings of the Student Senate and guides student representatives in organizing gymkhana activities throughout the year. Apart from this, three faculty members designated as Sports, Cultural and Technical Counselors, look after sports, cultural and technical activities respectively and respective major festivals organized by the students' gymkhana.

IIITDMJ SPORTS COUNCIL

1. Inter IIIT Meet 2025 (IIITM Gwalior)

The 7th Edition of the Inter IIIT Sports Meet was organized by IIITM Gwalior from 20-23rd March, 2025. Competitions were held among different IIITs in a number of sports events such as Cricket, Football, Basketball, Volleyball, Badminton, Carrom, Chess, Lawn Tennis, Table Tennis, Kabaddi, Power Lifting, Squash, Kho-Kho and Athletics. IIITDM Jabalpur won the Overall Runner Up in the Inter IIIT Meet by securing the second highest number of medals in different sporting events (136 points) followed by IIITDM Kancheepuram (148 points). The Girls team became the Overall Champions among all IIITs.





2. Fit India Week 2024

Under the aegis of Fit India Movement launched by our Hon'ble Prime Minister Shri Narendra Modi Ji and the instructions received from the Ministry of Youth Affairs & Sports and Ministry of Higher Education, Government of India, our Institute celebrated the Fit India Week from 15th-30th December, 2023. Football tournament for Staff and Faculty members, running events for kids and fun games of female students and family members of Staff and Faculty members were organized.

3. Enthuse 2024

Enthuse 2024 was an Intra College Sports Event held between 10th October to 12th October, 2024 at PDPM IIITDM Jabalpur. About 500 students participated in this mega event, in which competitions were organized between the students in Cricket, Football, Basketball, Volleyball, Badminton, Carrom, Chess, Lawn Tennis, Table Tennis, Kabaddi and Athletics. Medals and Trophies were distributed to the winners by our Hon'ble Director Prof. Bhartendu K. Singh, Dean Students Dr. Mukesh Kumar Roy and FICs of different Sports Clubs.

4. International Day of Yoga 2024

Yoga is our ancient tradition and cultural heritage, which has been going on since time immemorial and it has become an indispensable part of our life. Yoga is necessary to improve both our mental and physical health. 21st of June is declared as the International Day of Yoga by the United Nations General Assembly on 11th December, 2014 on the basis of the initiative taken by our Hon'ble Prime Minister Shri Narendra Modi Ji. This year the theme of Yoga Day is Yoga for Self and Society. To commemorate this special occasion of IDY 2024, a number of events were planned which includes a 5-day Yoga camp for kids, Essay writing competition for Employees and Students, Lecture on Yoga and Health by Dr. Mukul Mukerjee. In the valedictory programme, prizes were distributed to the winners and the kids by our Hon'ble Director Prof. Bhartendu K. Singh and Ms. Abha Jain, Deputy Commissioner Sales Tax.

5. Internal Tournaments

Apart from the above tournaments, different activities are organized by the sports clubs from time to time, thereby contributing to a well-rounded sports culture at IIITDMJ. This includes 45yard Tournament and Night Tournament by Cricket club, Open Tournaments by Kabaddi club, Table Tennis and Volleyball clubs. Apart from this, a three-match tournament was

organized in Shivaji Ground between Dharmasashtra National Law University and PDPM IIITDM Jabalpur in which PDPM IIITDM Jabalpur won by 2-1.

6. Fit India Cricket Tournament

The 9th Season of "FIT INDIA CUP - 2024" among the Faculty, Students, Staff Members and Outsourcing Employees of PDPM IIITDM Jabalpur commenced from 28th September, 2024 to 24th November, 2024 in the Institute Cricket Ground. Honourable Director Sir - Prof. Bhartendu K. Singh, Dean of Students Dr. M.K. Roy inaugurated this mega event. A total of 13 teams participated in this event with more than 200 participants from within the Institute. This was followed by 1st Fit india Premiere League in which teams were selected through Auction Mode. 7 teams played in this innovative tournament. Wasseypur Tuskars were the victorious team in this event lasting for three months from December to February, 2025.



7. 1st Inter IIIT employees Meet

The first Inter IIIT meet for faculty and staff members was organized by IIIT Allahabad from 15th to 17th November 2024. More than 180 participants from different IIITs took part in this event. IIIT Allahabad were the Champions followed by IIITDM Kurnool and IIITDM Jabalpur. Different events such as Cricket, Football, Chess, Table Tennis, Carrom, Lawn tennis, Volleyball, Basketball and Athletics were organized as apart of this meet.



SCIENCE & TECHNICAL CLUB

Aero Fabrication Club

Thrust 3.0 – Water Rocket Competition :

Thrust 3.0 was an exciting hands-on event organized by the Aero Fabrication Club, where participants designed and launched water-powered rockets using fundamental principles of thrust, pressure and aerodynamics. Teams optimized factors like rocket shape, nozzle size and water-to-air ratio to maximize altitude and flight stability. The competition encouraged innovation and practical application of fluid dynamics, offering students a dynamic platform to



test engineering concepts in real-time.

RC Glider Workshop :

A build-and-fly session where participants constructed and flew remote-controlled gliders, learning about stability and aerodynamics.

Drone Workshop :

An introductory session on UAV components, assembly and flight systems, offering hands-on drone building experience.

DDC – Drone Design Challenge 2024 (SAEISS) :

In the **Drone Design Challenge 2024**, our team designed a high-performance fixed-wing UAV focused on aerodynamic efficiency. We conducted extensive CFD simulations using **ANSYS Fluent** to optimize lift, drag and stability characteristics. Our design was validated through high-fidelity analysis, ensuring real-world feasibility and performance. The project demonstrated our capability in simulation-driven UAV development. We proudly secured All India Rank 2 for Best Aerodynamic Analysis, recognizing our excellence in computational design and aerodynamics.



World Robotics Championship 2024 :

Drone Rescue Challenge (Technoxian) in the Drone Rescue Challenge (Technoxian), our team AeroElite secured 5th rank globally among 226 teams from 32 countries. We designed and piloted a rescue drone capable of navigating complex environments and executing a live mission. The challenge tested our skills in control systems, payload deployment and real-time adaptability. Our performance earned international recognition for technical precision and innovation. The event was a testament to our team's problem-solving and UAV deployment capabilities.



SAE AeroTHON 2024 – National UAV Innovation Challenge :

Team Air Guardians won the Best Autonomous Mission (M4) Award with a custom-built quadrotor using hybrid GPS and vision-based navigation. The drone demonstrated advanced AI-driven control, obstacle avoidance and target detection. Our performance in real-world mission simulation showcased strong expertise in autonomous UAV systems and innovation.



Sky Maneuvers – Cognizance 2025 (IIT Roorkee) :

Team Propmasters secured 2nd position nationally in a high-precision aerial control event. We executed real-time waypoint tracking, obstacle navigation and seamless integration of autonomous and manual flight modes. The project highlighted our skills in flight control systems and mission accuracy under challenging conditions.



1. Astronomy and Physicist Society :

National Space Day Celebration :

On India's first National Space Day (Aug 23, 2024), we hosted a special event celebrating space innovation. The highlight was a talk by Mr. Sudhir Kumar Mishra, Ex-CEO of BrahMos Aerospace, sharing his insights. The event also featured a dynamic Space Quiz with 50+ participants. It inspired enthusiasm for space science and technology among students.



Telescope Handling Workshop :

Trained new Working Committee members in assembling, calibrating and operating telescopes, ensuring preparedness for future stargazing events.

Quantum Quest – Intro to Quantum Physics & Computing :

We conducted an open session on quantum computing, introducing concepts like

superposition, entanglement, qubits and their real-world applications. The session attracted enthusiastic participation from students across various departments. It sparked interest in emerging technologies and foundational quantum principles.



School Outreach – Stemfield School Visit :

Organized a telescope viewing session and astronomy talk for school children, sparking curiosity and promoting scientific interest among young minds.

2. Business & Management Club :

Business Strategy Hackathon :

Teams solved real-world business problems related to market strategy, product innovation and customer retention. The event encouraged critical thinking, collaboration and practical problem-solving aligned with industry challenges.

Crypto Trading Competition :

Participants traded in a simulated crypto market, learning to analyze trends and manage portfolios in real-time. The competition offered hands-on experience with digital assets and risk management.

Finance 101 – Investment & Financial Literacy :

This beginner-friendly session introduced basic investing concepts, trading strategies and personal finance management, helping students build financial awareness and independence.

3. CAD & 3D Printing Club

MAD 4 CAD 2.0 :

We organized a competitive design challenge focused on creating 3D models of modular furniture systems for institute canteens.

Participants used CAD tools like SolidWorks and Fusion 360 to develop innovative and practical



designs. Submissions were judged on creativity, functionality and detailing. The event promoted hands-on CAD skills and real-world design thinking.

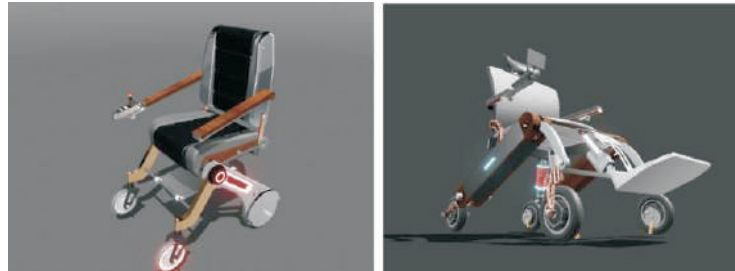
Aakruti '24 (Dassault Systems Design Contest) :

A four-month-long national contest encouraging cross-disciplinary teams to develop cutting-edge 3D designs around themes such as green energy and sustainable mobility. Several club members earned professional certifications (CSWA, CSWP), demonstrating their technical expertise and industry readiness.

Techkriti '25 – Autodesk Design Challenge :

Two teams from our club participated in the prestigious Autodesk Design Challenge at IIT Kanpur's Techfest.

They designed a Smart Wheelchair with Terrain Adaptability capable of navigating indoor and rough outdoor terrains while enhancing user comfort and independence.

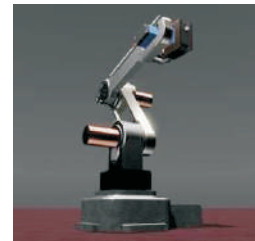


Workshops on CAD and Simulation Tools :

We conducted hands-on sessions covering Fusion 360, SolidWorks and ANSYS to build technical proficiency in 3D modeling and finite element analysis. These workshops enhanced members' skills in design, simulation and product development workflows.

Collaborative Projects: Robotic Arm Development :

In collaboration with the Electronics and Robotics Society, the club designed and 3D printed the mechanical components of a robotic arm, exemplifying interdisciplinary teamwork that blends CAD design with electronics and automation.



Cognizance '25 – Smart District Design :

Our team won first prize in IIT Roorkee's Architek competition by designing a sustainable, self-sustaining smart district addressing urban expansion challenges through innovative infrastructure and climate resilience solutions.



4. Electronics & Robotics Society :

INTRODUCTION TO MICROCONTROLLERS :

A beginner-friendly session where students built remote-controlled bots using Arduino UNO, NodeMCU and ESP modules. Focused on core microcontroller concepts and hands-on hardware experience.

BALL TRACKING ROBOT WORKSHOP :

Participants developed a robot that tracks a yellow ball using OpenCV and microcontrollers. The workshop demonstrated real-time vision integration in robotics systems.

ROBORUSH 3.0 (ROBO SOCCER)

First-year students actively participated in a soccer-style robotics event, where they built and programmed their own bots from scratch.

The challenge emphasized team work, strategic gameplay and precise motor control.

Students learned to adapt in real time, tuning performance during matches.

The event offered a strong foundation in embedded systems and robotics.

It successfully encouraged creativity, problem-solving and technical collaboration.



SESSION ON ROS 2 :

We conducted an in-depth session on Robot Operating System (ROS 2), exploring its core architecture, simulation tools and use in modular robotic systems. The session also provided career and learning guidance for students interested in robotics and automation. It offered valuable insights into real-world ROS applications and future opportunities.



FPV MAZE SOLVER :

In this challenge, participants built bots equipped with FPV (First Person View) cameras to navigate through a complex maze.

They operated the bots without direct sight, relying solely on live video feedback.

The event tested real-time decision-making, precision control and spatial orientation.

Students had to plan efficient paths and respond to obstacles on the fly.

It enhanced their skills in remote navigation, problem-solving and robotics control systems.



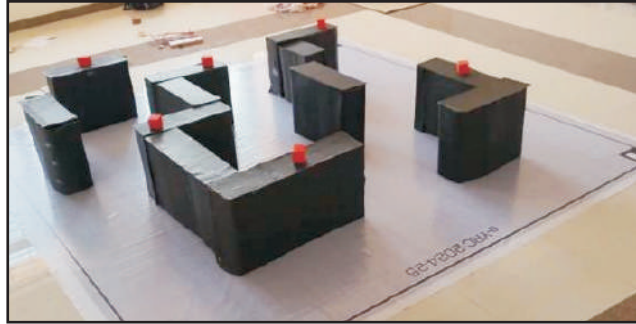
ROBOWRESTLING :

We hosted a combat-style robotics event where participants built WiFi/Bluetooth-controlled bots to compete in a knockout arena. The challenge required innovative mechanical design, quick response controls and strategic thinking. Teams focused on both offense and defense, testing their bots' durability and agility. The event encouraged hands-on learning and fostered a spirit of competitive engineering.



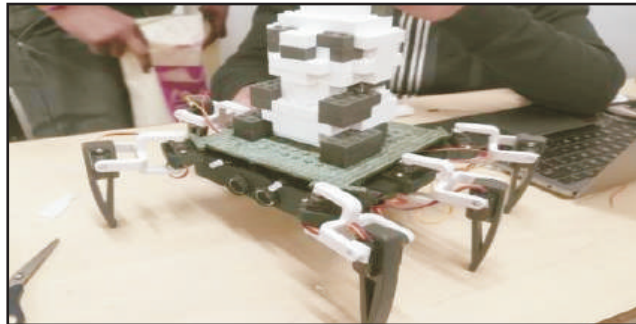
E-YANTRA ROBOTICS COMPETITION :

ERS teams participated in IIT Bombay's national robotics challenge, showcasing their skills in advanced drone systems. One team ranked in the top 50, developing a fully autonomous drone using ROS2, vision-based navigation and PID-controlled flight. The project demonstrated strong integration of software and hardware for real-world autonomous operation. It highlighted the team's expertise in robotics and system-level design.



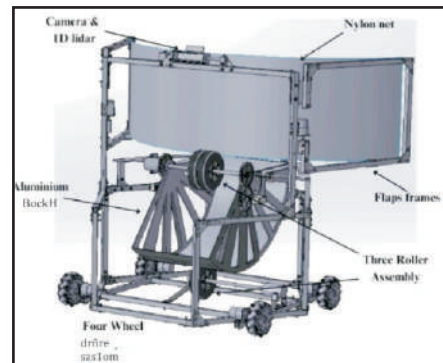
E-TOYCATHON 2025 :

ERS qualified among the top 20 teams nationwide with a smart toy prototype: a hexapod panda featuring CAD design, a custom PCB and mobile app control. Final prototype was built and presented live at C-DAC Noida.



DD ROBOCON 2025 :

ERS successfully qualified Stage 1 with a high score, showcasing a well-engineered dual-bot system. The design featured semi-autonomy, Mecanum wheels and sensor fusion for precise movement and coordination. Custom mechanisms were developed for game-specific tasks. The project emphasized teamwork, control integration and robust system performance.



5. IITDMJ RACING :

Automotive session for New Batch :

We introduced upcoming batches to the fundamentals of Chassis, Aerodynamics, Powertrain and Vehicle Dynamics through interactive sessions. Students engaged with real-world automotive concepts and component functions. The initiative aimed to build foundational knowledge in vehicle design. Participants also gained hands-on experience with automotive tools and simulations. This exposure sparked early interest in motorsports engineering and practical problem-solving.



EV WORKSHOP :

We conducted a 2-day EV workshop for automotive enthusiasts to explore the latest industry trends and technologies. The session included both theoretical insights and hands-on experience in handling battery cells. Participants learned about battery pack design tailored to

an EV powertrain. The workshop bridged the gap between academic knowledge and real-world EV applications. It empowered students with practical skills in electric vehicle development.

SAEINDIA SUPRA 2024 :

Our team participated in SAEINDIA SUPRA, one of India's premier Formula student competitions, where we designed a formula-style race car with a dedicated focus on chassis, suspension, powertrain and cost optimization. We successfully completed all static events, including the



engineering design report, cost presentation and business plan, combining practical engineering with strategic planning to simulate real-world automotive development. This project significantly enhanced our skills in full-vehicle



integration, project management and team coordination. Our efforts culminated in an impressive 21st overall rank, showcasing our technical strength and execution capabilities. Notably, among all Institutes of National Importance (INIs), we proudly secured the 3rd rank, marking a major achievement for our team.

FSAE Vehicle Showcase in 1st Mahakaushal Mela :

We have brought the 2024 FSAE SUPRA Vehicle to the 1st Mahakaushal Vigyan Mela 2024 and interacted with the 100+ students and made them to learn the basics of the automotive industry.



Retrofitting KTM 390 Ebike :

We retrofitted a KTM Duke 390 by replacing its internal combustion engine with a fully electric powertrain. This involved the integration of a custom-designed battery pack, electric motor and controller, all while preserving the bike's original chassis structure. The project offered valuable hands-on experience in EV conversion, powertrain integration and sustainable vehicle design practices. It also deepened our understanding of real-world electric mobility solutions.



CULTURAL CLUB



NATIONAL SPACE DAY

The auditorium decoration by Abhivyakti was highly praised for its creativity and thoughtful representation of India's achievements. Its design, which captures India's journey from space exploration to digital transformation, was deemed versatile enough for multiple events. As a result, this decor will also be used as the backdrop for the institute's National Space Day celebration, honoring India's remarkable progress in space exploration and technological advancements.

Date- 23rd August, 2024



CULTURAL ORIENTATION

Abhivyakti, the arts and crafts club, warmly welcomed the batch of 2024 with a lively group event. Students collaborated to create a unique collage of a cool cat, piecing together small square sheets of paper. The result was a vibrant, fun artwork that highlighted teamwork and creativity. To introduce newcomers to the club, Abhivyakti also shared two engaging videos, one of which featured a short animation that brought the club's spirit to life. The event set a positive, welcoming tone and sparked excitement for future artistic adventures with Abhivyakti.



GLASS PAINTING

Abhivyakti, IIITDM Jabalpur's arts and crafts club, welcomed the 2024 batch with an engaging glass painting workshop. Everything needed for the activity was provided, allowing students to jump right in and focus on their artwork. Club members guided participants through the painting process, sharing tips and encouragement. The students brought their enthusiasm, experimenting with designs and colors to make each piece unique. The session was not only a lesson in art but also a chance to connect with fellow students and create lasting memories. As the session concluded, the room was filled with colorful glass pieces and a shared excitement for future club events.



Date- 5th Sept, 2024

GAME NIGHT (Ganesh Utsav X Abhivyakti)

Abhivyakti teamed up with the Ganesh Utsav team this year to host a fun game night featuring both traditional games like musical chairs and unique additions like ping pang pong. Together, they successfully organized the event to engage students in cultural activities and boost participation in the puja at H1. Abhivyakti also designed creative and colorful stickers as goodies for the participants.



Date : 12th September, 2024

ART ON SCREEN

Abhivyakti organized an engaging Art on Screen session at our college, showcasing the animated film Loving Vincent. This unique film, known for being the world's first fully painted feature, brought Vincent van Gogh's iconic art to life through a compelling narrative and stunning hand-painted frames. The session was both visually captivating and educational, allowing participants to gain a deeper appreciation for Van Gogh's life, artistic journey and influence on the art world. The event inspired attendees to explore the intersection of traditional art and modern storytelling techniques.



Date- 11th Oct. 2024

IIT KANPUR - ANTARAGNI'24

Date- 17th-20th Oct. 2024

Abhivyakti (The Art and Craft Club of PDDM IIITDM Jabalpur) participated in ANTARAGNI'24 annual cultural fest of IIT Kanpur, representing our college across multiple creative events. The club showcased skills in painting, cosplay, origami and quilling, earning notable prizes and praise along way.

Total Events

1. Japanese quilling and origami
2. AniCon - Cosplay
3. Fashion geek
4. Surrealism
5. Battle of arts

1. Japanese Origami and Quilling

The Origami Making Competition encouraged creativity among participants, with teams of up to two creating 2D or 3D pieces on an open theme. Participants brought their own origami sheets, quilling paper and tools to design original artworks within a 3-hour limit, accompanied by a short note explaining their creations. The endangerment of marine life has become a pressing threat to global biodiversity. Our artwork seeks to capture this grim reality through a blend of origami and quilling techniques.

18th October 2024 (1pm to 4pm)



2. AniCon - Cosplay

AniCon, an Anime and Japanese pop culture celebration, featured a cosplay competition where participants showcased their favorite characters with handmade costumes and performances.



Costumes and props were required to be at least 60% handmade and judging focused on accuracy, detail and stage presence. The event took place in the yoga and aerobics room.

18th October (3pm onwards)

3. Fashion Geek

The competition required teams of five members to design and create a costume using only newspapers, colour sheets, wires and adhesives. The costumes had to be made on-site, with no pre-made elements allowed. The themes for the competition were Magical, Historical, Gothic and Retro-Futurism each team had to choose one theme for their costume. Two of the Abhivyakti teams participated in this event.



19th October 2024 (9am - 1pm)

Team 1 : Gothic

Team 1 embarked on the creation of a Gothic-themed costume.

Team 2 : Magical

Team 2 from Abhivyakti crafted a sustainable costume inspired by Amphitrite, the mythological Goddess of the Ocean, under the theme "Magic".



4. Surrealism

The Surrealism Competition aimed to explore the boundaries of imagination and artistic expression by inviting participants to create artwork that embodies the principles of surrealism. Participants were provided with a blank canvas and a selection of paints, with the theme left open to interpretation. In this event, two thought-provoking artworks were created.



19th October 2024 (1pm - 4 pm)

5. Battle of Arts

This dynamic event invited teams of three to showcase their artistic talents, creating a cohesive artwork from three separate 30cm x 30cm square pieces within a 4-hour time limit. Each member used a unique art style—such as abstract, pop, or realism—while choosing their own mediums. Participants brought their own materials. The three art pieces together tell the story of life's endless chase. This artwork reflects the cycle of desire and the fleeting nature of time.



20th October 2024 (9pm - 1 pm)

Results and Achievements

1. Abhivyakti members, Tejas Suryawanshi and Arushi Chandak (22 Batch) achieved an impressive milestone by securing 1st prize in the Origami and Quilling event.
2. After the preliminary round of the Anicon Cosplay competition, five finalists were chosen and our team proudly made it among them. Swastik Bhomik (22 Batch), portraying Deku, secured an impressive 1st place, while Rituraj Saikia (23Batch), dressed as Todoroki, claimed 3rd place, while Divyanshu Shukla claimed 4th place.
3. The team that represented the magical theme in the Fashion Geek competition secured an admirable 4th place.

COTTON SCULPTING WORKSHOP

The workshop introduced participants to the captivating art of cotton sculpting, revealing how cotton can be transformed into a versatile material for crafting intricate models. Participants learned the techniques of shaping and molding cotton, gaining hands-on experience in creating beautiful, unique sculptures. This immersive activity not only introduced them to the world of handmade craftsmanship but also allowed them to explore a new and creative medium.

Date-9th November, 2024



MAHAKOSHAL VIGYAN MELA 2024

Abhivyakti volunteered in the 1st Mahakoshal Vigyan Mela (MVM-2024), organized by IIITDM Jabalpur with Mahakoshal Vigyan Parishad and MPCST at the Veterinary College Ground, Jabalpur. The event promoted scientific awareness, celebrating "Azadi Ka Amrit Mahotsav" and the contributions of Indian scientists.

Abhivyakti designed stall banners for various technical clubs of IIITDMJ and decorated the background of the Vigyan Bharti (Vibha) stall, aligning with the theme "Science, Technology & Innovation for Amrit Kaal." The decorations highlighted key contributions in biotechnology (vaccines),



astronomy (telescopes), mathematics (Aryabhata's discovery of zero) and major achievements in physics and chemistry. The display also celebrated ISRO's milestones, including space missions and satellite launches, reflecting India's progress in innovation and self-reliance across scientific fields.

Date: 15th November 2024

LEHER 2024

Abhivyakti brought energy and creativity to Leher 2024 by organizing a dynamic ramp walk that saw enthusiastic participation from students. From galaxy-inspired outfits to glamorous looks, participants showcased a range of themes. A special highlight featured final-year students from the cultural fraternity, who took a nostalgic walk with their peers, reflecting on their shared experiences.



In addition to managing the ramp walk, Abhivyakti designed the official banner and poster for the event and decorated the stage to capture the vibrant essence of Leher.

Date: 30th November 2024

MARSHMALLOW SESSION

The Arts and Crafts Club of IIITDM Jabalpur, Abhivyakti, conducted a fun and engaging marshmallow session where participants began by painting marshmallows using edible colors, transforming the soft treats into mini works of art. After the painting activity, the marshmallows were toasted over a safe flame, adding a warm and crispy texture. Everyone then enjoyed eating their toasted creations and the session ended on a lively note with a series of fun games, making it a joyful and memorable experience for all.



Date: 16th January 2025

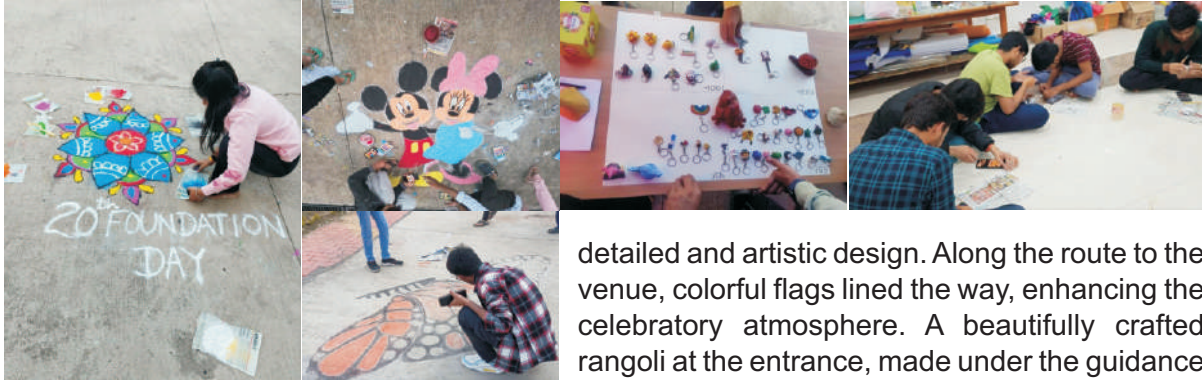
REPUBLIC DAY

Celebrating the 78th Republic Day, the Arts and Crafts Club of IIITDM Jabalpur, Abhivyakti, infused the campus with patriotic spirit through a vibrant and creative stage decoration. The display featured artistic representations of India's cultural heritage and modern achievements, capturing the essence of progress and national pride. From iconic landmarks to symbols of technological advancement and sporting excellence, every element reflected the spirit of a growing and resilient nation. The thoughtful efforts of the club added a lively and inspiring touch to the January 26th celebrations, making the event both memorable and meaningful.



FOUNDATION DAY :

For 20th Foundation Day, the Arts and Crafts Club of IIITDM Jabalpur, Abhivaykti, added a creative and festive touch to the campus. A unique puzzle-style map of the college was displayed on the stage for the inauguration, capturing attention with its



detailed and artistic design. Along the route to the venue, colorful flags lined the way, enhancing the celebratory atmosphere. A beautifully crafted rangoli at the entrance, made under the guidance of Shubhdeep Sir, warmly welcomed guests. The

day also featured a Rangoli Competition and a Chalk Art Competition, where students showcased their artistic talents. Additionally, Abhivaykti set up a keychain stall with handmade designs, which was met with great enthusiasm and appreciation from the campus community.

SENSORY SHUFFLE

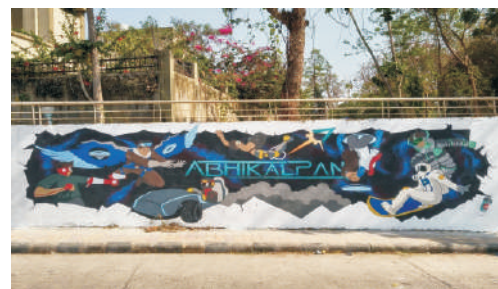
The Arts and Crafts Club of IIITDM Jabalpur, Abhivaykti, organized Sensory Shuffle, a unique and engaging event that tested coordination, communication and trust. In this activity, teams worked together where one person was mute, another deaf and the third blindfolded. The challenge involved stacking cups in a specific order —



with the mute participant conveying the sequence to the deaf teammate through actions, who then guided the blindfolded member to complete the task. The event was filled with fun, teamwork and creative problem-solving, offering a refreshing experience that brought participants closer through non-verbal collaboration.

ABHIKALPAN : WALL PAINTING

In the Abhikalpan - Techno Design Fest, the Arts and Crafts Club of IIITDM Jabalpur, Abhivaykti, creatively transformed two campus walls with striking and imaginative artwork. The paintings, centered around themes of futuristic innovation, space and human potential, brought to life a world of technology, adventure and creativity. From astronauts and robotics to dynamic characters in action, each element reflected the spirit of exploration and progress. These vibrant murals not only added a burst of color to the campus but also showcased the artistic skill and vision of the club members.





Saaz Night '2024'

Music has always been at the heart of our college culture and SAAZ has played a central role in keeping that spirit alive. Building on past successes, we were thrilled to bring back *Saaz Night* on 16th April 2024, a cherished club tradition dedicated to celebrating music and our talented community of artists.

Held in the vibrant open-air theater (OAT), *Saaz Night* was a truly immersive experience. The evening featured a thrilling *Vocal Competition*, where students showcased their impressive vocal talent, captivating the audience. Club Performances followed, with seasoned SAAZ members delivering high-energy acts, highlighting the club's diversity and passion for music.

To elevate the event, we brought in a top-quality sound system and professional lighting, which enhanced the performances and created an electrifying atmosphere. Every note and rhythm resonated through the audience, making *Saaz Night* an unforgettable celebration of music, unity and college spirit for all who attended.

Vocal Competitions

A highlight of Saaz Night, showcasing the college's vocal talent across classical, soulful and contemporary songs. Judged by cultural counsellor Dr. Koushik Dutta, the winners were announced on stage, with the Director, Prof. Bhartendu Kumar Singh present, adding a prestigious touch to the event and honouring each participant's dedication.

Club Performances

Our talented club members brought their best to the stage, delivering a diverse range of performances that highlighted SAAZ's passion for music. The lineup included a soulful qawwali, energetic rock numbers, harmonious group songs and classic pieces, each showcasing the unique skills and creativity of our members. From traditional to contemporary, every performance captivated the audience, making it a memorable night of musical talent and versatility. Club Performances

Independence Day '2024'

The Independence Day cultural program was a collaborative effort among various clubs, with SAAZ playing a key role by performing patriotic songs. The event featured diverse performances, from stirring vocals to traditional dances, capturing the essence of national pride and unity. It served as a reminder of the sacrifices made for freedom and celebrated India's cultural richness, with each club contributing to honor the spirit of independence.

Orientation (Batch 24)

On 26th August 2024, the Saaz Musical Club, in collaboration with other cultural clubs, hosted an engaging orientation session to welcome first-year students. The event opened with a warm introduction to Saaz, highlighting its passion for music and the opportunities it provides. Live performances by members showcased the club's talent, while a multimedia presentation celebrated its achievements. An interactive



Q&A covered Saaz's unique offerings, ending with an invitation for students to explore all cultural clubs. An info booth and social media presence were set up to inspire new students to join Saaz and other campus clubs.

Introductory Session'2024'

On 9th September 2024, we organized an engaging session to connect freshers and immerse them in the collaborative spirit of music. Each team, featuring a talented freshman instrumentalist, selected a surprise "cheat" song from a mix of Hindi and English songs. Mentors from 2nd and 3rd years guided the teams, bridging the gap between seasoned students and newcomers. This event encouraged collaboration, musical cohesion and teamwork, introducing freshers to creativity and camaraderie within music. Our goal was to create an inclusive, memorable environment that fostered a sense of belonging and shared musical experiences among the incoming batch.



Onam '2024'

On 15th September 2024, to celebrate the festival of Onam, SAAZ collaborated with other cultural clubs at the institute, delivering a series of performances that included four impressive solo singing acts and a collection of duets. The crowd responded with immense enthusiasm, particularly during the solo performances, where attendees illuminated the venue with a sea of flashlights. This collaborative effort not only added a musical dimension to the Onam festivities but also created a memorable and enchanting experience for all in attendance.



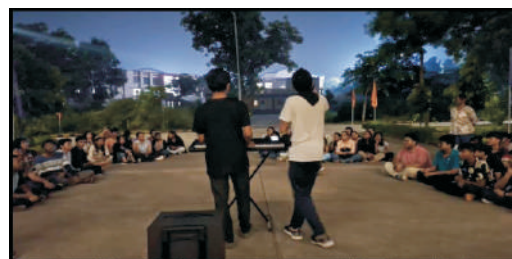
DEW 9.0

On 7th October 2024, during the Design Workshop at IIITDM Jabalpur, SAAZ played an essential role by performing Indian classical songs and music to warmly welcome guests from Japan. Our performances added a rich cultural touch, creating an inviting atmosphere and offering attendees a memorable experience of Indian musical heritage.



Game Night '2024'

On the second session held on 8th October 2024, we welcomed freshers with an interactive music-based event, organizing them into teams for two exciting rounds. In the first round, we played a song and teams had to identify it. The second round featured a word association challenge, where teams guessed the song and singer based on given words. Points were awarded through tokens of 2 and 5 points, adding a competitive edge and making it a memorable, fun-filled introduction to the musical community.



Antaragni '2024'

SAAZ, the Music Club, participated in Antaragni at IIT Kanpur from 16th October 2024 to 21st October 2024, showcasing our talents in several events. In the



Sangam competition, we performed Indian folk songs, while our vocal skills shone in Antaragni Idol. We excelled in Pair on Stage, scoring 62 out of 65 and in the Unplugged event we won 3rd prize with two Bollywood songs, earning special recognition for originality. Our instrumentalists also impressed in the Symphony event.

Republic Day '2025'

On 26th January 2025, the college came together to celebrate the spirit of unity and patriotism on the occasion of Republic Day, held in the LHTC Auditorium. Marking this national celebration with reverence and cultural pride, SAAZ contributed heartfelt performances that added soul to the ceremony. The event featured stirring patriotic songs performed by our club members, reflecting themes of freedom, sacrifice and national harmony. From solo vocals to group harmonies, every note resonated with emotion and respect, reminding everyone of the nation's rich heritage. The auditorium echoed with applause, as SAAZ once again used music as a medium to inspire, uplift and unite the audience in celebration of India's democratic spirit.

Bonfire '2025'

On the cozy evening of 23rd January 2025, SAAZ hosted a heartwarming Bonfire Night Jamming Session, bringing together music lovers under the stars for a night filled with warmth, rhythm and togetherness. Held in a relaxed outdoor setting, the event featured impromptu performances, sing-alongs and soulful acoustic sessions led by our talented members. With the bonfire crackling and melodies flowing freely, students gathered around in a circle, sharing songs, laughter and musical memories. The informal, unplugged atmosphere made it a truly magical night—reminding everyone of the simple joy of making music together. Bonfire Night 2025 was more than a jam; it was a celebration of connection, comfort and the unifying power of music.



Foundation Day '2025'

On 7th and 8th February 2025, IIITDMJ celebrated its Foundation Day with great enthusiasm and cultural richness. Embracing the theme of "Classical Might," the occasion paid tribute to India's timeless classical heritage. As part of the celebrations, SAAZ presented a series of beautifully curated classical music performances in the LHTC Auditorium,



where our members showcased the depth and elegance of traditional Indian music through soulful renditions.

Adding a fun and interactive twist, we also set up a karaoke-style jamming stall outside LHTC, where students, faculty and visitors were invited to sing along and experience the joy of music. The stall became a lively attraction, drawing enthusiastic participation from esteemed professors such as Prof. Aparajita Ojha, Prof. Puneet Tandon, Prof. Pritee Khanna, Dr. Akshay Pandey and Mr. Omvir Singh Bhadaoria all of whom not only joined in but expressed genuine appreciation for the initiative. Their warm involvement made the event even more special, highlighting the power of music in connecting people across all walks of campus life.

Workshops '2025'

From 6th November to 24th November 2024, SAAZ conducted a dynamic series of music workshops designed to inspire and develop musical skills among students. The workshops featured focused sessions on Vocal Training, Guitar, Clapbox, Flute and Keyboard, catering to a wide range of musical interests. Led by



experienced club members, each workshop created an interactive and supportive learning atmosphere for participants of all skill levels. The initiative saw enthusiastic involvement from students across various batches and proved to be a meaningful step toward building a stronger and more inclusive musical community on campus.

Duet Competitions

A major highlight of Saaz Night was the captivating Duet Singing Competition, which brought together dynamic vocal pairs who harmonized beautifully across genres ranging from classical fusion to contemporary melodies. The event was evaluated by our esteemed cultural counsellor, Dr. Koushik Dutta, whose insights added immense value to the judging process.



Club Performances

Our gifted club performers lit up the stage with a vibrant array of acts that truly reflected SAAZ's love for music in all its forms. The evening's lineup featured a moving qawwali, electrifying rock performances, melodious group renditions and timeless classics — each act shining with originality and finesse. Whether rooted in tradition or inspired by modern styles, every performance struck a chord with the audience, celebrating the talent, dedication and musical diversity that define our club. It was an unforgettable display of artistry and energy that left everyone inspired.





PARLIAMENTARY DEBATE WORKSHOP (SHASTRARTHAX SAMVAAD)

In collaboration with DNLU's debating society - Shastrartha, Samvaad organized a Parliamentary Debate workshop on April 3rd. The participants were introduced to the basics and format of parliamentary debate. Mock debate by DNLU students set a perfect example of structuring strong arguments and effectively countering opposing viewpoints.



DEBATE PRACTICE

The Samvaad Club held a Parliamentary Debate practice meeting on April 11. Participants actively engaged in applying debate techniques learned from previous workshops, honing their skills in a competitive setting. The event provided a lively platform for learning, observing and sparking interest in formal debating.



INDEPENDENCE DAY

On Independence Day - the 15th of August, Samvaad presented a powerful literary act that celebrated the poets and authors of India. The performance featured moving recitations and narratives that honoured the country's journey. The act resonated deeply with the audience, adding a meaningful touch to the celebrations.



CULTURAL ORIENTATION

The cultural orientation to introduce all the cultural clubs to the new batch of 2024 was held on 1st September. The batch of 2024 got to witness a glimpse into the functioning and various activities of all the clubs. On behalf of Samvaad, we conducted a short general quiz and three poetry performances in English, Marathi and Hindi, alongside the display of an orientation video and overall hosting of the event.



J.A.M. (JUST A MINUTE)

One of Samvaad's signature events, J.A.M. was conducted on January 4th September 2024. In a JAM session, members were prompted to spontaneously come up with further prompts to keep a story or any other lead prompt going. The event created a lively, engaging and fun atmosphere testing participant's quick-thinking skills.

DOSE OF DOOM

Samvaad's Dose of Doom treasure hunt on September 16th captivated participants with its thrilling storyline and challenging clues. Teams raced across the campus, solving puzzles to find a "cure" and avoid the fate of the "suspected dead." The event was a hit, combining suspense, teamwork and fun for an unforgettable experience.

QUIZZING WORKSHOP

On 29th September, Samvaad conducted a quizzing workshop with Varun Aditya introducing attendees to art and fundamentals of quizzing. They were walked through various types of quizzing formats and in sight on effective quizzing and engaged in a fun quiz co-hosted by Advait.



DEBATE WORKSHOP

Samvaad conducted a dynamic workshop on October 2nd, introducing participants to the essentials of formal debating and public speaking. Attendees learned key techniques and engaged in a mini-debate to put their skills into practice. The session fostered confidence and sharpened their ability to articulate ideas effectively.



OPEN MIC'24

Samvaad's annual showcase event OPEN MIC was conducted on 6th October. The event provided the participants with a perfect platform to pour their hearts out through poetry, storytelling, rap and standup comedy. The audience also handed out handwritten postcards appreciating the participants.



HINDI AND URDU POETRY WORKSHOP

Samvaad hosted an interactive Hindi/Urdu poetry workshop on October 9 where participants explored the expressive depth of these languages. These sessions encouraged attendees to engage with poetic techniques and share their heartfelt creations. The workshop provided an enriching atmosphere for creativity and cultural appreciation.



SPENT QUIZ

Samvaad conducted a very fun and engaging SPENT quiz on October 17. The participants were posed with a variety of brain teasers testing their knowledge across a wide range of topics ranging from sports to movies to pop culture.

ANTARAGNI'24 - IIT KANPUR

Samvaad's 7 member team including Varun Aditya, Sambhav Gupta, Areeb Siddiqui, Advay Sagarkar, Kushagra Yadav, Bhakti Balanse and Shweta Tiwari attended Antaragni'24 at IIT Kanpur and competed at various debating, quizzing and Hindi Poetry competitions.

The debating team reached the quarter finals and Advay was named as 4th best speaker in the entire tournament. Kushagra has won first place in the Turncoat debate competition.

TURNCOAT TOURNAMENT

Samvaad hosted an engaging Turncoat debate competition on November 10th challenging participants to argue both sides of a topic seamlessly. This unique format tested quick



thinking and adaptability, fostering lively debates and valuable skills.

LEHER'24

Four of Samvaad's 2021 batch members - Varun, Advait, Areeb and Bhakti have performed their final poetic acts for Samvaad and in IIITDMJ as a part of Leher Night. The audience was keen and cheerful listening to thought-provoking, relatable and funny poetry. Samvaad has also managed the anchoring and stage during the entire night with Sahil and Bhoomi as the anchors.



KAIPOCHE

A game evening organised by the Working Committee on the occasion of Makar Sankranti (14th January) and hence named as "Kai Po Che". Students participated in large numbers and enjoyed a lot playing these games.

REPUBLIC DAY

On the occasion of the Republic Day (26th January), Samvaad managed the anchoring and flow of events both in Auditorium and the Admin Block area. As a club, we also performed a stage act giving a chance to students of every batch.



The theme we performed on were the Fundamental Rights provided by the constitution to its citizens.

SPIN A YARN

Samvaad hosted an interactive story building session on 1st February, 2025 based on a given prompt without any pre-defined ending enhancing the thinking capability and creativity of the students.



GENERAL QUIZ

Samvaad conducted a full-fledged General Quiz on 16th February, 2025. The event got an overwhelming response as 250+ individuals registered for the event.

The team-based event made the participants use their wit and knowledge to solve the exciting questions from a wide range of domains.



BHASHA UTSAV

On the occasion of "Bhartiya Bhasha Utsav" and International Mother's Tongue Day on 20th February, 2025, Samvaad was grateful to perform on different mother tongues all over India. Students presented different poetry pieces in their mother tongue showcasing the concept of "Unity in Diversity".



WORD WARS

Samvaad hosted WORD WARS on 30th March 2025, a battle of wits inspired by a World War theme. Teams went head-to-head, cracking cunning word puzzles with the precision of codebreakers. The room echoed with laughter, logic and linguistic war

OPEN MIC

Samvaad's annual showcase event, OPEN MIC, was held on 23rd March 2025. From poetry and storytelling to rap and stand-up comedy, participants poured their hearts out on stage. The audience joined the lovefest by handing out heartfelt handwritten postcards to the performers.



Jazbaat – The Dramatics Society

Independence Day

On the momentous occasion of 15th August, Jazbaat captivated hearts with a powerful and evocative performance, celebrating the spirit of India's hard-won freedom and the enduring legacy of its freedom fighters. Through stirring expressions and impactful storytelling, the artists traced the journey from oppression to liberation—portraying the courage, unity and sacrifices that defined



the independence movement. The mime vividly brought to life the struggles of revolutionaries, the silent strength of countless unsung heroes and the unyielding hope of a nation yearning to be free. A poignant segment paid homage to the women of the movement, whose contributions often went unrecognized but were deeply vital. The performance culminated in a heartfelt tribute to the tricolor, embodying the ideals of freedom, equality and resilience. The audience, immersed in emotion, left with a renewed sense of pride and gratitude, making the performance a stirring reminder of the cost and value of independence.

Orientation

To welcome the incoming batch into the vibrant world of dramatics, Jazbaat hosted an exciting and interactive orientation session that offered juniors a glimpse into the heartbeat of the club. The event was a perfect blend of performances, fun activities and open conversations—designed to break the ice and ignite the spark of creativity.

From high-energy improv games to soul-stirring monologues, the session introduced various forms of theatre while showcasing the spirit of teamwork and expression that defines Jazbaat. Members shared their journeys, behind-the-scenes stories and the impact theatre has had on their lives—inviting juniors to be part of something beyond the stage.

The room echoed with laughter, curiosity and applause as juniors began to see theatre not just as performance, but as a platform for voice, emotion and change. The orientation ended on a high note—with open hearts, open minds and a buzzing excitement for what lies ahead.

Ganesh Utsav

On the joyous occasion of Ganesh Utsav, Jazbaat lit up the celebrations with a soulful and energetic performance that beautifully blended devotion with dramatics. With rhythmic movements, expressive storytelling and vibrant visuals, the artists paid tribute to Lord Ganesha—symbol of wisdom, new beginnings and remover of obstacles.

The performance brought to life stories from mythology and tradition, portraying the deeper meaning

behind the festival and its relevance in today's world. Through a mix of music, expression and emotion, Jazbaat conveyed messages of unity, hope and spiritual awakening, leaving the audience deeply moved.

The vibrant energy of the performers, paired with the festive spirit all around, created a divine and celebratory atmosphere. The act concluded with chants and a symbolic aarti, resonating with collective faith and gratitude.

It was not just a performance, but an experience—filling hearts with joy, devotion and a renewed sense of cultural pride.

Republic Day

On the proud occasion of Republic Day, Jazbaat delivered a stirring and heartfelt performance, celebrating the spirit of the Indian Constitution and the values that shape our nation. With expressive movements and powerful storytelling, the artists paid tribute to the ideals of justice, liberty, equality and fraternity—the very pillars on which our republic stands.

The performance traced the journey of India's democratic identity, highlighting the struggles of those who fought not just for independence, but for a nation governed by the will of its people. Through impactful scenes, it shed light on the responsibilities of every citizen, the importance of unity in diversity and the ongoing fight against inequality and injustice.

A moving segment honored the voices that often go unheard—farmers, frontline workers and everyday heroes who uphold the nation's dignity in silence. The act culminated in a powerful salute to the Constitution, leaving the audience with a renewed sense of patriotism and purpose.

Nukkad Natak (Foundation Day)

On the proud occasion of our college's Foundation Day, Jazbaat took center stage with a thought-provoking Nukkad Natak that echoed the spirit, growth and legacy of the institution. Performed in the heart of the campus, the street play captivated the audience with its raw energy, gripping dialogues and powerful symbolism.

Through bold expressions and impactful storytelling, the performance reflected the journey of the college—from its humble beginnings to becoming a hub of knowledge, innovation and community.

Moments of satire blended seamlessly with heartfelt emotions, creating a balanced narrative that resonated deeply with students, faculty and alumni alike. The natak concluded with a rousing call to action—urging everyone to uphold the ideals on which the Institution was built and contribute meaningfully to its future.



Nukkad Natak (2nd Runner Up)

At Pearl Fest 2025, BITS Hyderabad, Jazbaat proudly took the spotlight with its powerful Nukkad Natak titled "Mahamedia", securing the position of 2nd Runner-Up among top national teams.

Through bold voices, gripping dialogues and sharp satire, Mahamedia exposed the manipulative underbelly of modern media—highlighting sensationalism, biased narratives and the distortion of truth in the race for TRPs and digital reach. The play questioned: is the media shaping opinions or simply selling them.



With its impactful storytelling and unapologetic commentary, the performance struck a chord with the audience and jury alike. The raw energy, synchronized delivery and fearless portrayal made Mahamedia not just a play, but a powerful statement.

This win stands as a testament to Jazbaat's commitment to using theatre as a mirror to society—and a voice for truth.

Monoact Competition (2nd Runner Up)

At Pearl Fest 2025, BITS Hyderabad, Jazbaat's very own Mayank Jain delivered a spellbinding performance in the Monoact Competition, earning the title of 2nd Runner-Up amidst fierce competition from talented artists across the country.

Through his commanding stage presence, nuanced expressions and emotionally layered portrayal, Mayank brought his character to life with raw honesty and depth. His act struck a powerful balance between intensity and vulnerability, leaving the audience deeply moved and the judges thoroughly impressed.

This achievement not only showcases Mayank's individual brilliance but also reflects Jazbaat's unwavering dedication to theatrical excellence.



Sessions and Workshops

As part of its ongoing efforts to nurture creativity and performance skills, Jazbaat conducted a series of engaging sessions and workshops designed to introduce students to the dynamic world of theatre. These interactive sessions provided a platform for participants to explore various facets of dramatics—including voice modulation, body language, improvisation, character building and stage presence.

Led by experienced members of the club, the workshops fostered a safe and collaborative environment where students could freely express themselves, break inhibitions and build

confidence. From energetic warm-ups to thought-provoking activities, each session was crafted to encourage creative exploration and enhance storytelling abilities.

Participants not only gained valuable insights into theatrical techniques but also experienced the joy of teamwork, spontaneity and emotional expression. The overwhelming response and enthusiastic participation reaffirmed Jazbaat's role in inspiring young minds to step into the spotlight and find their unique artistic voice.



AAVARTAN

Independence Day

Independence day was celebrated with great enthusiasm and patriotic spirit at our college. Aavartan, the dance society, delivered inspiring performances that highlighted the essence of freedom and unity. Their energetic choreography and expressive storytelling brought historical moments to life on stage. The event stirred a sense of pride among the audience and created a truly memorable celebration.

Cultural orientation

The cultural orientation event served as a warm welcome for the incoming batch, offering them a glimpse into campus life & tradition. Aavartan, the dance society, set the tone with a vibrant and diverse performance that reflected the energy of our student community. Through various dance styles, they portrayed the essence of creativity, unity and enthusiasm that defines campus culture. Their performance not only entertained but also inspired new students to entiate in the cultural spirit of the institute.

Antaragni

The cultural fest of IIT Kanpur, by excelling across diverse dance categories. The team achieved the runner-up position in roots, the classical group dance competition, with a soulful and synchronised performance that celebrated Indian tradition. In jitterbug, the western group dance competition, Aavartan qualified for the finals after placing 4th in the prelims, showcasing high energy choreography and stage presence. Additionally, in estampie, a prestigious solo dance competition with over 50 participants, our member Varun Varaka emerged as a finalist, reflecting individual excellence and passion. These accomplishments brought immense pride to IIITDM Jabalpur and highlighted Aavartan's versatility on a national platform.



Republic day

A significant national celebration, was marked with enthusiasm at our college. Aavartan, the dance society, contributed to the event's success through powerful and patriotic dance performances. The energy and emotion they brought to the stage deeply resonated with the audience. Their performance was



a tribute to the nation and added a memorable cultural dimension to the celebration.

Showdown

A group dance competition exclusively hosted and managed by Aavartan, was a celebration of creativity, storytelling and dance excellence. Across each group presented unique stories using a blend of various dance forms, classical to contemporary and urban styles. From conceptualization to execution, every aspect of the event was handled by Aavartan, ensuring a seamless and high energy experience.

Footloose

A solo dance competition for first-year students, was a dynamic event that celebrated creativity and talent. Aavartan, the college dance society, took charge of organising, hosting and judging the event with at professionalism. Their audience ensured a fair and high- quality competition, providing participants with a platform to express themselves through dance.

The event witnessed an enthusiastic response, making it a memorable experience for everyone.



Introduction

Institute Library is the knowledge hub of the PDM-IIITDM Jabalpur. Library extends support to academic & research activities of the Institute by procuring various types of reading materials, subscribing to electronic resources and providing various types of information services. The library provides all the latest collection of books, articles, journals, etc. either in the form of online or offline to its users. The said materials are available in the form of CD, DVD, online databases, e-journals and print materials related to engineering and technology, applied science, management, humanities, design and other new emerging areas.



During the year library continued its mission of facilitating the creation of new knowledge skill through the acquisition, organisation and dissemination of library materials. The Library team is highly motivated, knowledgeable and always extends support to provide better service to the users.

Institute library not only proactively works on its collection building and infrastructural augmentation, but also puts a lot of emphasis on facilities for the users.

Statistical Representation of Library Collection



Collection development is one of the important functions of the library and plays a vital role in supporting the academic curriculum and research activities of the users. The collection of books, journals, theses, reports and other reading materials are the best and biggest asset of the Institute library. The total collection of the library from 1st April 2024 to 31st March 2025 is as follows.

Section A					
Sl. No.	Medium	Collection	In Stock as on 31st March 2023	In Stock as on 31st March 2024	In Stock as on 31st March 2025
1	Documentary Sources (Print)	Books	16550	16726	17118
		Gratis Books	1122	1182	1309
		Subscribed Print Journals	11	11	11
		Project Reports/Theses	761	789	892
		Gratis Project Reports/Theses	131	131	131
		Annual Reports	81	83	85
		Conference Reports	57	63	64
2	Non Documentary Sources (Non Print)	CDs/DVDs/Floppy (Received with Project Reports, Books & Magazines)	2317 Purchased Books CD = 1371 E-Book = 04 Gratis Books CD = 18 Gratis Books Floppy= 02 Project /Theses CD = 522 Project/ Theses received through email= 116 Gratis Project/Theses CD = 0 Annual Report = 0 Conference Report CD = 03 Subscribed Magazine CD = 281	2341 Purchased Books CD = 1371 E-Book = 04 Gratis Books CD = 18 Gratis Books Floppy= 02 Gratis Books Pen Drive = 01 Project /Theses CD = 545 Project/ Theses received through email= 116 Gratis Project/Theses CD = 0 Annual Report = 0 Conference Report CD = 03 Subscribed Magazine CD = 281	2478 Purchased Books CD = 1371 E-Book = 04 Gratis Books CD = 18 Gratis Books Floppy= 02 Gratis Books Pen Drive = 01 Project /Theses CD = 588 Project/ Theses received through email= 210 Gratis Project/Theses CD = 0 Annual Report = 0 Conference Report CD = 03 Subscribed Magazine CD = 281
3	Archives (old)	Bound Volumes of Journals	175	175	175
		Bound Volumes of Magazines	341	341	341

Section B					
Sl. No.	Medium	Collection	Procured In 2022-23	Procured In 2023-24	Procured In 2024-25
1	Print Materials	Subscribed News Papers	14 (E-5, H-9)	14 (E-5, H-9)	14 (E-5, H-9)
2		Subscribed Magazines	13	15	15
3	Non-Print Materials	Subscribed Online E-Resources (E-Journal)	49,097	7,490.00	13,272 titles

Hindi Collection

In addition to the regular procurement of course books, Institute library has procured the Hindi books like: Novels, Inspiration books, Story books, Famous Autobiography books, Awarded Hindi books etc. The total collection of Hindi books is 550 nos.

Section C			
Hindi Collection	Hindi Books	464	550
	Gratis Hindi Books	86	
	Hindi CDs	32	32

Various types of Language Collection

Institute library has maintained the various types of language collection of reading materials like Urdu, Tamil, French and Japanese for provide the better facility of library users.

Book Bank

Institute Library is maintaining the Book Bank Section for SC/ST students. This section contains approximately 978 nos. of books, especially recommended as the text books and these books can be issued to SC/ST students only.



Circulation Desk and Reservation Counter

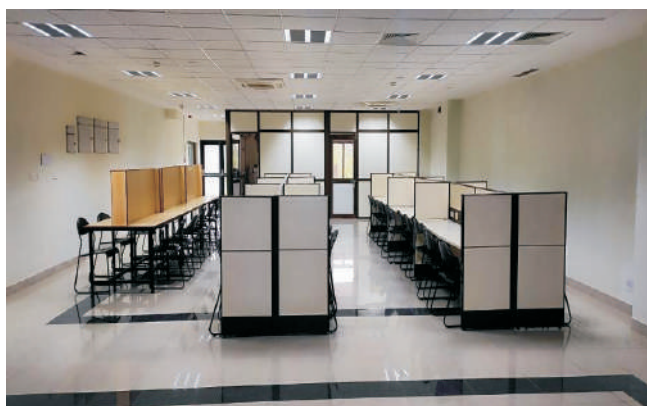
The circulation desk provides check-in and check-out services of reading materials to the users and also providing personal assistance for general enquires about the library. The library provides advance reservation facility for the users who utilize the learning resources which are already issued to the other users. The library issues the books to the users as per their designations. Details of number of books and their validity are given below.

<i>Loan Criteria for Library Users</i>			
<i>Sl. No.</i>	<i>Member Category of the Institute Library</i>	<i>No. of books issue at a time</i>	<i>Loan duration</i>
1.	<i>Faculty Member</i>	20	180 days
2.	<i>Research Engineer</i>	20	180 days
3.	<i>All Non- Teaching Member</i>	05	30 days
4.	<i>Post graduate student (PG and PhD.)</i>	07	30 days
5.	<i>Under Graduate Student (UG)</i>	07 <i>(Including Semester books)</i>	15 days

Reference Service

Various types of collections have been maintained by the Institute library in the reference section like, Encyclopaedias, Handbooks, Dictionaries, Theses, Reports and Rare Books etc.

Reference section continues to help the library users to make full utilization of library resources and services. It renders necessary assistance to the users for searching the documents of their choice.



Digital Library Facility

- e-Resources at Institute Library :** Our institute is a member of the One Nation One Subscription (ONOS) scheme, a Central Sector initiative by the Ministry of Education (MoE). Through ONOS, the library has access to over **13,000 journals** from more than **30 renowned publishers**, including **AAAS, ACM Digital Library, ASME Journals Online, Springer, IEEE, Elsevier, Taylor & Francis, Wiley**, and others. Additionally, the ONOS platform grants access to Indian open-access resources such as CSIR-NISCP. All e-resources are IP-authenticated and accessible within the institute's network range.
- Electronic Theses and Dissertation :** Institute Library has preserved theses and project report submitted by the postgraduate and doctoral students in electronic format as well as print format. Since 2008 these reading materials has maintained and preserved a full-text database on Intranet. Library users can easily access and download the materials at any time. Institute library has uploaded 176 Numbers of Ph.D theses on Shodhganga portal maintained by INFLIBNET Centre, Gandhinagar, Gujarat and it is also help to our library users for their research works.
- National Digital Library (NDL) Resources :** National Mission on Education through Information and Communication Technology under the Ministry of Education, Govt. of India, has initiated the National Digital Library of India (NDL, India). It is being developed at IIT Kharagpur. Library has provided this facility to users and during the year, library users actively access the e-resources provided by the NDL.

List of NDL India e-Resources

Sl. No.	Name of Resources/ Journal	Mode of Resources/Journal
1.	World e-Book Library	Online
2.	South Asia Archive (SAA)	Online

4. **WEB-OPAC :** The WEB OPAC is one of the most heavily used databases of the library and is accessible 24x7 through library web page. Besides listing all the documents available in the library, it allows on-line reservation, status of books, user details, overdue details, etc. Institute library is providing download facility of e-resources, CD-ROM of study materials on single platform.



5. **Plagiarism Detection**

Software (PDS) : The Ministry of Education, Govt. of India initiated a programme "Shodh Shuddhi" and provides plagiarism detection software "DrillBit Extreme Software" for academic integrity and improving the quality of research in India. The Institute Library has provided this facility to users. In view of the importance of the research and seriousness of plagiarism in the research works, the institute library has subscribed the another plagiarism detection software "TURNITIN AI Detection" for library users.

6. **Reprography :** Institute library providing photocopy facility to users.

7. **CCTV Camera :** Institute library has installed CCTV Camera for surveillance.

8. **Wi-Fi:** Institute library also providing the Wi-Fi facility to users at library premises.

Library Services for Users

➤ **Library Opening and Closing Hours :** Institute library opens on Institute holidays for provide the better facility to users and timings are as follows

Library Timing		
Opening and Closing		Issue/re-issue/return timing
Monday to Sunday (Including Institute Holiday)	09:00 am to 10:00 pm	09:00 AM to 05:30 PM (Monday to Saturday)

- **Study Room** : The library has a "Study Room Facility" with more than 100 seating capacity for the uses which are open 24 X 7 throughout the year.
- **Online Payment System** : Library users can transfer the library related payment to library bank account through internet banking system.

Provides Other Services

- **Book Locate Service** : Institute library staffs also help to library users for searching and provide the reading materials, if any user unable to find the particular reading materials.
- **Book Reservation Service** : Institute library has received various books reservation request through mail/telephone and the circulation desk duly reserves the same and provide to the respective user.
- **Information Alert Services** : Time to time library alert to users regarding latest information through e-mail and same has been display on notice board. The under mentioned alerts are provide to all the library users :

a) New Arrival Books.	b) New Subscribe e-Resources.
c) News Arrival other items.	d) Faculty and Student publications.
e) Forthcoming conferences, seminar, workshop, other national and international events.	f) Scholarship and fellowship information.
g) Workshop/lectures for e-resources usage.	h) Trial/free access resources
i) Remote access facility for online resources	j) Open access articles/journals

- **Newspaper Clipping Services** : Institute library has also preserved Institute related news published in subscribed newspapers and it is too useful in future for ready reference.
- **Book Exhibition** : The Institute Library organized a Book Exhibition from 20th March 2025 (Thursday) to 21st March 2025 (Friday). In this event, six (06) renowned publishers - Pearson Publisher, CBS Publisher, Penguin Random House, S. Chand Publishing, Cengage Publisher and Vivekanand Kendra participated and displayed their latest books and catalogues. Most of the faculty members, staff, officers and students have visited the book exhibition and recommended some books for the Institute library.
- **Users Orientation / Conferences / Workshop Services** : The institute regularly organizes orientation programs for new library users to familiarize them with the library's collections, databases, and available services. In addition, the library conducts short training sessions and workshops focused on effective utilization of electronic resources



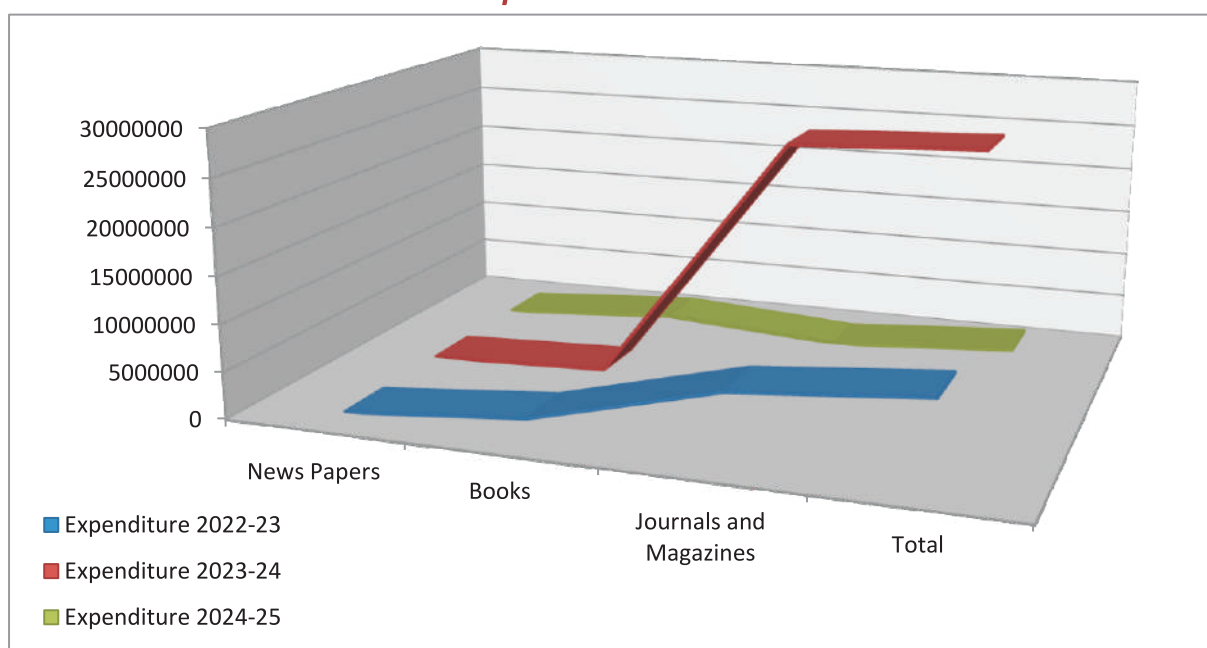
such as IEEE, Elsevier, and others. These programs are specifically designed for faculty members, research scholars, and students, aiming to enhance their research capabilities and promote the efficient use of academic resources.

Future Plan

- **Digital Library Section :** 10 - 15 numbers of computers will be setup for digital library and users can easily access e-resources, e-journals, Institutional repositories, etc. during library timing.
- **Library Trainees :** In order to augment the services 2 nos. of library trainees shall be inducted in future.
- **E-Book :** Library will be planning to procure the e-books of core course for provide the better services to students.

Details of Expenditure				
Sl. No.	Items	Expenditure 2022-23	Expenditure 2023-24	Expenditure 2024-25
1.	Newspapers	Rs. 15,338.00	Rs. 23,906.00	Rs. 25,094.00
2.	Books	Rs. 17,47,045.00	Rs. 7,61,863.00	Rs. 13,24,646.00
3.	Journals and Magazines	Rs. 68,14,823.48	Rs. 2,69,78,502.00	Rs. 25,574.00 (Only Magazines)
Total		Rs. 85,77,206.48 (Approx.)	Rs. 2,77,64,271.00 (Approx.)	Rs. 13,75,314.00 (Approx.)

Expenditure Chart



Campus Placements Report 2024-25

Training & Placement Cell :

At our Institute, the Training & Placement Cell plays a pivotal role in shaping students' careers by actively promoting participation in workshops, training programmes, and skill-building activities. These initiatives are designed to prepare students for the dynamic demands of the professional world.

Soft Skills Training Initiative : Recognizing the importance of holistic development, the Institute has introduced a specialized soft skills training programme to enhance communication, leadership, and interpersonal abilities-ensuring students are industry-ready and well-equipped for future challenges.

Campus Placement Highlights (2024-25) :

We are proud to share the outstanding achievements of our students in campus placements :

- 13 International Offers secured by students
- Highest International Package: ₹ 80 LPA
- Highest Domestic Package: ₹ 87.54 LPA
- 95+ Companies visited the campus
- 346+ Offers made to the 2024-25 graduating batch
- 71.18% of students received packages above ₹10 LPA



Top Recruiters :

Our placement season saw participation from several leading multinational companies, including:

International Companies :

Rimo Japan, Plaid Japan, Batton Japan, Netropolis Japan, Actual Inc. Japan, Tech Japan Inc., Mercari Japan.

Global & National Brands :

Google, CRED, Adobe, NVIDIA, Palo Alto Networks, UKG, BEL, Salesforce, PayPal, UiPath, Samsung Display, Future First, Meesho, Cisco, Commvault, Deloitte, Morgan Stanley, Honda Cars, Hyundai, Oracle, Infosys, TCS, HCL, Flipkart, Reliance Industries, L&T, Goldman Sachs, JSW Steel, GE Digital, Quantiphi, Intuit, Addverb Technologies and more.

Internship Opportunities :

To bridge the gap between academic learning and real-world application, the Institute offers Project-Based Internships of 6 months and year-long durations. These internships provide students with practical exposure and firsthand experience of corporate work environments.

INTERNSHIP STATISTICS

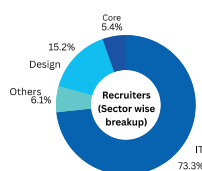
Number of companies Offered Internship -> 150

Number of International Interns -> 17

Number of students received Internship -> 300+

Number of PPOs offered in Phase I -> 45

Number of International PPOs offered -> 13



Highest International Intern Stipend 2.81 Lakhs/month

Highest Domestic Intern Offered 1.5 Lakhs/month

Avg. UG Stipend 50000 per month

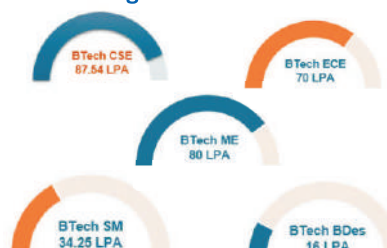
Avg. PG Stipend 36500 per month

Avg. Stipend of Top 20% companies 77000 per month

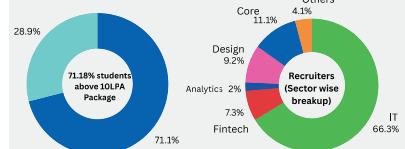
CTC Breakup

CTC Range	Placed Percentage
Below 10 LPA	27.18 %
10 LPA to Below 20 LPA	38.51 %
20 LPA to Below 30 LPA	8.41 %
Above 30 LPA	23.94 %

Highest CTC in LPA



PLACEMENT STATISTICS 2024-25



13 INTERNATIONAL PPOs OFFERED

80 LPA HIGHEST INTERNATIONAL PACKAGE*

Highest Domestic Package 87.54 LPA

Avg. CTC of Top 20 companies 47.09 LPA

Avg. UG Package 21.49 LPA

Highest PG Package 21 LPA

Avg. PG Package 12.52 LPA

(* To be officially announced)

Hindi Pakhwada 2024

Hindi Pakhwada was celebrated in the institute. This Pakhwada started with a grand and dignified celebration of Hindi Day under the chairmanship of Hon'ble Home and Cooperation Minister on 14th September 2024 at Bharat Mandapam, New Delhi and ended on 28 September 2024 in the institute. The nation celebrates 14th September every year as Hindi Diwas, as it was on this day that Hindi was adopted as the official language by the Constituent Assembly in the year 1949.

Various competitions were organized for the staff and students during the Hindi Pakhwada. People enthusiastically participated in these competitions. The closing ceremony was celebrated on 04 October 2024 in which the Director, Deans and Registrar and other members of the Institute were present. Prizes were awarded to the winners of various competitions.



Pandit Dwarka Prasad Mishra Indian Institute of Information Technology Design and Manufacturing Jabalpur (in short : PDPM IIITDMJ) started its functioning in 2005-06 in a space occupied on lease basis at Jabalpur Engineering College, Jabalpur. In 2009, the Institute shifted to its own campus in the only building, the Core Lab Complex building completed at that time.

The Institute is an autonomous Technical Institute of national importance, established under the Act of Parliament. The Institute is located close to the Dumna Nature Reserve, on the Jabalpur Airport (Dumna Airport) road. The Institute campus spreads over 250 acres of land full of flora and fauna. The infrastructure in the campus has been developed in such a manner so as to add natural beauty to the campus. The systematic tree plantation and greenery developed all-round the campus enhances the living conditions of inhabitants. The presence of beautiful birds, butterflies, peacocks, deer etc can always be witnessed in the campus. All the buildings in the campus have been provided with facility of rainwater harvesting. A completely healthy environment without any pollution is available in the vicinity of the campus. The occupants in the campus are devoted to maintain the campus neat and Clean.

The efficient accessibility within the Campus has been ensured dividing the campus into three Zones viz. 'Academic cum Administrative Zone', 'Hostels Zone' & 'Residential Zone'. As depict from the names of zones, the three zones are meant for three different kinds of activities, as associated with an educational institute.

The **Academic cum Administrative Zone** is at the entrance of the Campus, having Residential Zone towards one extreme end and the Hostel Zone on the other. All the three zones are connected through cement concrete roads. Administrative Block cum

Technology Incubation Centre, Lecture Hall and Tutorial Complex, Library cum Computer Centre, Core Lab Complex, Primary Health Centre, and Open-Air Theatre and other ancillary buildings are located in this Zone. Two circular roads connect all these buildings from inner and outer sides.

The **Residential Zone** is situated towards rear of the campus having all the residential quarters and the visitors' hostel.

All the hostel buildings including the student activities areas are located in the Hostel Zone, located in the south-west end of the campus.

All the buildings and activity areas in the campus are connected with roads and pathways having desired illumination during night hours. Two numbers of diesel generator sets are available to ensure power back-up. Solar power generation and water heating facility has been provided on convenient location of terraces of all the buildings so as to acquire the energy efficiency. The Primary Health Centre (PHC) is located at the centre of the campus having easy access from all parts of the campus. A bus facility is available to facilitate the occupants in the campus for visiting important places in the Jabalpur city. A hassle-free access is available in all the buildings for especially abled peoples.

The details of infrastructure facilities available in the three Zones are as under:

Academic cum Administrative Zone :

It is the core area of the campus, where all the academic and administrative activities are performed. The buildings and infrastructure in the zone have been located in such way so as to have continuity in flow of activities with ease in access from one building to the other. Sufficient parking spaces have been provided near buildings having vehicular movements so that the

inhabitants could not face inconvenience due to movement of vehicles. The Power House located in this zone provides uninterrupted power supply to the whole campus. The following important buildings are located in this zone:

Administrative Block cum Technology and Business Incubation Centre : The building is located next to the main entrance of the campus. The offices of the Director, Deans, Registrar and other administrative officers are situated in this building. In addition to it the Institute Works Department, Purchase and Store Section, Placement Cell, Account Section etc are also located in the building so as to minimise the disturbance to the campus activities due to occasionally visiting outsiders.

The second floor of the building contains the office of Start-up Cell and Technology and Business Incubation Centre.



Administrative Block cum Technology and Business Incubation Centre

Lecture Hall & Tutorial Complex : It is the iconic building of the campus where all the teaching activities have been carried out. The building contains well-equipped Class rooms, Lecture halls, Seminar halls etc for performing all sorts of academic activities. The Design discipline of the institute is also located in the building having the Design Studio, especial type class rooms for B.Des, and M.Des programmes. A part of building is made reserved for display of Design projects. The Yoga sessions are also

performed in this particular area. A big Lecture hall cum Auditorium of more than 500 seating capacity is available in the building.



Lecture Hall and Tutorial Complex

Core Lab Complex : It is the very first building of the campus in which activities of the institute were started in the year 2009-10. All the core labs and workshops have been accommodated in this building, where the newly admitted students perform the experimental works. At the Ground Floor of the building, some of the professional labs pertaining to the Mechanical Engineering discipline have been located along with faculty chambers. At the First Floor some professional labs pertaining to the Electronics and Communication Engineering discipline have been located along with faculty chambers. Temporary structures of Workshop Annexe and some other professional labs are located adjacent the Core Lab Complex.



Core Lab Complex

Library cum Computer Centre : The building has conveniently been divided into two parts. Computer Centre of the institute and offices of Faculties & Staff, Computer Labs,

Seminar Halls, and Lecture Rooms etc pertaining to the Computer Science (CSE) discipline are located in one part of the building. The Central Library, Journal section, Reading rooms with 24x7 access etc are located in the other part of the building. The Electronics and ICT Academy is also located in this building.



Library cum Computer Centre

Primary Health Centre (PHC) : The facility of Primary Health Centre (PHC) has been provided in the campus for immediate health care of the occupants. The building is located at the centre of the campus so as to have easy access from all corners of the campus. Doctors with different specialities are available in shifts in the PHC. However, the nursing staffs and Ambulance facility is available in PHC, for all the times. The PHC facilitates for routine Allopathic treatment, Ayurvedic and Homeopathic treatment. In addition one number male ward, one number female ward and five numbers of private wards have been provided in the building for normal in-patients hospitalisation. Routine health check-ups camps and blood donation camps are



Primary Health Centre

regularly organised in the PHC.

Visitors' Hostel : The Visitors' Hostel building provides accommodation to the visiting faculties, newly joined faculties and other guests to the Institute. The building is so located that the guests in the building could enjoy the natural beauty during their stay. Single and double occupancy rooms along with suits are available in the building. Meeting rooms, Seminar rooms and the facility of kitchen and dining inside the building, fulfils all sort of requirements of visitors.



Visitors' Hostel

Residential Zone :

As describes from its name this zone of the campus contains Residential flats for the Faculty members and Staff members. The zone is connected with other parts of the campus with cement concrete roads having footpath on both the sides. Multi-storeyed residential buildings in the zone have been named in different names of holy river 'Narmada' which is the life line of Jabalpur city. All the residential towers in the zone are connected with cement concrete Roads/pathways. Children Parks and Play fields are available with residential towers for amusement of inhabitants. The following are the important buildings in this zone :

Narmada Residency-II : Narmada Residency II is a five storied building with stilt parking. It provides residences for the staff and newly joined faculty members of the institute. A total of 55 Nos. of flats with two Bedrooms,

Drawing cum Dining room and a Kitchen in each are available in the building. Children play areas and solar water heating facility is available in the premises of the building. All round greenery and round the clock water/ electricity supply, fruit plants at soundings of the building facilitates the occupants for a comfortable living.



Narmada Residency II

Narmada Residency-III : Narmada Residency III is also a five storied building with stilt parking. It provides residences for senior faculty members in 60 Nos. of flats available with the building. Each of the flat has two Bedrooms, Drawing cum Dining room and a Kitchen. Solar water heating systems, round the clock water / electricity, greenery and fruit plants at surroundings etc. facilitate the occupants for a comfortable living.



Narmada Residency III

Rewa Residency-2 : Two numbers of multi-storeyed buildings each having 36 numbers of flats are available with Rewa Residency-2. Each of the flat has two Bedrooms, Drawing cum Dining room and a Kitchen. The building provides accommodation for junior staff

members and family accommodation to some research scholars.



Rewa Residency II A and B

Hostel Zone :

This zone comprises of different Hostel buildings, Mess and Dining facilities and Student Activity areas. Canteen facility is available in all the Hostel buildings. All the Hostels and Student activity areas are connected through cement concrete roads and pathways. One number of dedicated sewerage treatment plant is available for the zone for a complete treatment of sewerage of the area so that the treated water may be used for horticulture work. Purified drinking water with water coolers is made available in all the buildings of this zone. The following buildings and infrastructure is available in this zone:

Vasishtha Hostel (Formerly known as Hall of Residence I): The building provides accommodation for 404 students in single seated rooms. The senior UG students are accommodated in this hostel. Reading Room, TV viewing room and Canteen, etc.



Vasishtha Hostel (Hall of Residence I)

are available inside the building for recreation activities of the students. The facility block with office of caretaker / hostel warden is located at the entrance of the building. The building has beautiful greenery all around.

Aryabhata Hostel (Formerly known as Hall of Residence III): The building provides accommodation for 498 students in triple seated rooms. The students residing in the hostel have been facilitated with recreation areas like TV viewing room, Dance and Drama room, Gymnasium, Canteen etc. available in the facility block having convenient approach from all corners of the building. The building is connected with roads and pathways with the other functional areas. An indoor Badminton Court has also been provided inside the building. The building has beautiful greenery all around.



Aryabhata Hostel (Hall of Residence III)

Vivekananda Hostel (Formerly known as Hall of Residence IV) : The building provides accommodation for 498 students in triple seated rooms. In fact the building is a mirror image of Hall of Residence III. The students residing in the hostel have been facilitated with recreation areas like TV viewing room, Dance and Drama room, Gymnasium, Canteen etc. available in the facility block having convenient approach from all corners of the building. The building is connected with roads and pathways with the other functional areas. The building has beautiful greenery all around.



Vivekananda Hostel (Hall of Residence IV)

Nagarjuna Hostel (Formerly known as PG Married Accommodation-Phase I): The building contains 98 flats, each having one Bed room, one Hall and a Kitchen. Basically it has provisions for married PG students. However, to fulfil the requirements of present strength of students girls students are being accommodated in two blocks of the building and PG boys students are being accommodated in the remaining one block of the building. The blocks of girls and boys students have been isolated from each other. Beautiful greenery and plants are available all-round the building.



Nagarjuna Hostel (PG Married Accommodation-Phase I)

Panini Hostel (Formerly known as PG Bachelor Accommodation-Phase II): There are two numbers of blocks in the building, each having 202 single seated rooms. Presently to fulfil the current strength of students, PG students are being accommodated in one block and UG students in the other block of the building. There is a facility block; located adjacent to the hostel blocks provides mess & canteen facility to the students. Beautiful plantation has been done in the surroundings of

the building.



Panini Hostel (PG Bachelor Accommodation-Phase II, Block A)

Maa Saraswati Girls Hostel (Formerly known as Hall of Residence VIII): The building contains single seated and triple seated accommodation for girls students. A provision for a total of 250 girls students has been available in the building. The Canteen/Mess facility is available inside the building, which is being used by all the girls residing in this building as well as in the Nagarjuna Hostel building. The office of the Warden and residence of the Caretaker have been located at the entrance of the building. Reading rooms and recreation rooms are available inside the building. Beautiful greenery can be witnessed all around the building.



Maa Saraswati Girls Hostel (Hall of Residence VIII)

Students Activity Centre (SAC) : Students Activity Centre (SAC): The Student Activity Centre building is meant to facilitate the students for all the sports and cultural activities at one place. The following activities are available in this building :

- Badminton court (3 nos.)
- Gymnasium hall (4 nos.)
- Table tennis court (2 nos.)
- Squash Court (2 nos.)
- Billiards room (1 no)
- Chess room (1 no)
- Conference/meeting hall (3nos.)
- Multi activity Hall (1 no)
- Waiting hall (1 no.)
- Office/Store rooms (4 nos.)



Student Activity Centre

In addition a facility of Open Air Theatre having 300 seating capacity is located adjacent to the SAC building. The building is located in such a location which is nearby to hostel area as well as academic area so that students from hostel and from classrooms shall have an easy access to this building. Besides this building there are 2 nos playground available which is used to play

Outdoor games like Cricket, Football, Kho-kho, Running Track and field events etc. In addition,

Outdoor Basketball Court, Volleyball Courts are also available at one side of the playground.

Central (Mess and Dining Hall): The building is located between the Aryabhata Hostel and the Vivekananda Hostel. It two floors providing dining facility to the students. The building is well connected with all the hostel buildings. Beautiful Plants and greenery is available in the vicinity of the building.



Central Mess (Mess and Dining Hall)

Type V Quarters-2 Nos. (Nalanda): It is a residential building in the Hostel zone, having two numbers of duplex style Type V quarters. It provides residential facility for two numbers of faculties / officers associated with students, so that a nearby assistance is always available to the students



Nalanda (2 Nos.- Type V Qtrs.)

in the Hostel zone. Each residential unit in the building complex, comprise of two numbers of a Drawing cum Dining room, two numbers of Bed rooms, a Kitchen and a Garage.

Security Barrack : The building provides temporary shelter to the security staff those are inside the campus but not on the duty. The Kitchen and Dining facility is available inside the building. The building is located at the extreme end of the campus toward Mehgawan village.



Security Barrack

Swachhata Drives and Plantation works : Swachhata Drives and Plantation works are regularly been observed in the campus throughout the year. Everyone in the campus is determined to maintain cleanliness greenery in the campus. The plantation works are carried out in accordance with the Plantation Plan provided by the Tropical Forest Research Institute (TFRI), under an MoA executed with the institute. The use of recycled water from the Sewerage Treatment Plants and the waste water from the Water Purifiers, installed in different buildings, for horticulture work exhibit the commitment of the Institute for water conservation. A dedicated Horticulture team is available for maintaining plants and lawns in the campus.

Fund Available and Expenditure incurred during FY 2024-25

(1) Grant in Aid received during FY 2024-25

Particulars	Amount (in Lakhs)
Salary	3469.00
General Expenditure	3450.00
Capital Expenditure	1533.00
Total Amount	8452.00

(2) Expenditure for FY 2024-25

Particulars	Amount (in Lakhs)
Salary	3093.49
General Expenditure	2533.99
Capital Expenditure	724.35
Total Amount	6351.83

(A) Salary Expenditure for FY 2024-25

Particulars	Amount (in Lakhs)
Academic	1793.42
Non Academic	540.12
Other component of Salary	759.95
Total Amount	3093.49

(B) General Expenditure for FY 2024-25

Particulars	Amount (in Lakhs)
Outsourced Manpower	1049.07
Electricity	327.57
Assistantship/Scholarship	640.01
Repair & Maintenance	64.67
Travelling Allowance	19.17
Transportation Expenses	55.93
Honorarium	62.71
Student Support Service	19.07
Other Expenses	295.79
Total Amount	2533.99

(C) Capital Expenditure for FY 2024-25

Particulars	Amount (in Lakhs)
Civil & Electrical	154.45
Furniture & Fixture	45.25
Lab and Office Equipment	31.23
Computer hardware and Software	27.78
Books and Journals	446.62
Electrical Installation	19.02
Total Amount	724.35



(S.D. Gadekar)
Deputy Registrar (F&A)



(S.D. Gadekar)
Acting Registrar



(Bhartendu K Singh)
Director

PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, JABALPUR

BALANCE SHEET AS AT 31ST, MARCH 2025

AMOUNT IN ₹

SOURCES OF FUNDS	SCHEDULES	CURRENT YEAR (FY 2024-25)	PREVIOUS YEAR (FY 2023-24)
CORPUS/ CAPITAL FUND	1	4,362,595,256	4,028,510,919
DESIGNATED/ EARMARKED/ ENDOWMENT FUNDS	2	-	-
CURRENT LIABILITIES & PROVISIONS	3	767,956,178	533,895,992
TOTAL		5,130,551,434	4,562,406,911
APPLICATION OF FUNDS			
FIXED ASSETS	4		
TANGIBLE ASSETS		2,980,079,369	3,032,952,083
INTANGIBLE ASSETS		52,817,160	4,445,736
CAPITAL WORK-IN-PROGRESS		47,746,635	99,578,898
INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS	5		
INVESTMENTS- OTHERS	6	-	-
CURRENT ASSETS	7	2,000,299,496	1,377,556,186
LOANS, ADVANCES & DEPOSITS	8	49,608,774	47,874,008
TOTAL		5,130,551,434	4,562,406,911
SIGNIFICANT ACCOUNTING POLICIES	23		
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	24		



(S.D. Gadekar)
Deputy Registrar (F&A)



(S.D. Gadekar)
Acting Registrar



(Bhartendu K Singh)
Director

**PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, JABALPUR**

**INCOME AND EXPENDITURE ACCOUNT
FOR THE PERIOD 01.04.2024 TO 31.03.2025**

AMOUNT IN Rs.

PARTICULARS	SCHEDULE	CURRENT YEAR (FY 2024-25)	PREVIOUS YEAR (FY 2023-24)
A INCOME			
ACADEMIC RECEIPTS	9	272,813,212	220,359,617
GRANTS/ SUBSIDIES	10	562,749,624	552,185,768
INCOME FROM INVESTMENTS	11	-	-
INTEREST EARNED	12	109,144,171	60,162,916
OTHER INCOMES	13	7,312,389	7,208,589
PRIOR PERIOD INCOME	14	-	-
TOTAL (A)		952,019,396	839,916,890
B EXPENDITURE			
STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)	15	309,349,804	281,390,016
ACADEMIC EXPENSES	16	77,590,747	89,398,069
ADMINISTRATIVE AND GENERAL EXPENSES	17	163,727,301	171,261,875
TRANSPORTATION EXPENSES	18	5,593,105	3,525,963
REPAIRS & MAINTENANCE	19	6,467,159	6,552,443
FINANCE COSTS	20	21,509	57,402
DEPRECIATION	4	149,920,325	118,018,679
OTHER EXPENSES	21	-	-
PRIOR PERIOD EXPENSES	22	264,211	719,099
TOTAL (B)		712,934,161	670,923,546
BALANCE BEING EXCESS OF INCOME OVER EXPENDITURE (A- B)		239,085,236	168,993,343
TRANSFER TO INSTITUTE CAPITAL FUND			
INTERNAL INCOME		389,269,772	287,731,122
BUILDING FUND		-	-
BALANCE BEING SURPLUS (DEFICIT) CARRIED TO INTERNAL CORPUS		389,269,772	287,731,122
BALANCE BEING SURPLUS (DEFICIT) CARRIED TO CORPUS FUND		(150,184,536)	(118,737,779)
SIGNIFICANT ACCOUNTING POLICIES	23		
CONTINGENT LIABILITIES AND NOTE TO ACCOUNTS	24		



(S.D. Gadekar)
Deputy Registrar (F&A)



(S.D. Gadekar)
Acting Registrar



(Bhartendu K Singh)
Director

PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING JABALPUR
RECEIPTS & PAYMENT ACCOUNT
FOR THE FINANCIAL YEAR 2024-2025

S.No.	RECEIPTS	CURRENT YEAR (FY 2024-2025)	PREVIOUS YEAR (FY 2023-2024)	S.No.	PAYMENTS	CURRENT YEAR (FY 2024-2025)	PREVIOUS YEAR (FY 2023-2024)
	I OPENING BALANCES				I EXPENSES		
A)	CASH BALANCE			A)	STAFF PAYMENTS & BENEFITS	15,666,488	168,656,504
B)	BANK BALANCES			B)	ACADEMIC EXPENSES	69,987,640	65,416,066
i)	SBI GRANT A/C	236,669	236,669	C)	ADMINISTRATIVE AND GENERAL EXPENSES	52,020,278	48,999,085
ii)	INDIAN BANK STUDENT FEE A/C	12,085,995	40,635	D)	TRANSPORTATION EXPENSES	4,946,572	3,352,761
iii)	INDIAN BANK STUDENT FEE A/C	1,835,954	3,813,780	E)	REPAIRS & MAINTENANCE	3,375,819	5,772,848
iv)	INDIAN BANK GRANT CURRENT A/C	919,084	818,829	F)	FINANCE COSTS	8,723	59,454
v)	INACOMM 2021 A/C	65,161	60,035		PAYMENTS AGAINST		
a)	INDIAN BANK SERB PROJECT A/C	9,458,160	10,614,842	ii)	EARMARKED/ENDOWMENT FUNDS		9,608,546
b)	INDIAN PROJECT A/C	16,982,795	20,986,170		PAYMENTS AGAINST SPONSORED	39,296,654	9,314,017
c)	E&ICT ACADEMY A/C	50,667	15,725,903	iii)	PROJECTS/SCHEMES		
d)	STARTUP A/C	6,124	5,958		PAYMENTS AGAINST SPONSORED		
e)	QIP AICTE	714,956	695,577	iv)	FELLOWSHIPS AND SCHOLARSHIPS	104,000	539,000
vi)	INDIAN GRANT SAVING BANK A/C	49,918,403	28,426,623	A)	CENTRAL SECTOR SCHOLARSHIP	21,623,700	15,377,490
vii)	SBI TICKET A/C	82,834	-	B)	EXTERNAL SCHOLARSHIP		
viii)	AXIS BANK	7,128,762	6,667,586		TERM DEPOSITS WITH SCHEDULED BANKS		
ix)	VH Account 7292	1,190,680	-	A)	FIXED DEPOSITS MADE	2,181,200,002	853,497,897
x)	HDFC BANK	6,567,082	1,547,192		EXPENDITURE ON FIXED ASSETS & CAPITAL		
xi)	Swap Facility	-	16,519,829	vi)	WORK-IN-PROGRESS		
	II GRANTS RECEIVED			A)	PURCHASE OF FIXED ASSETS	16,710,248	27,651,889
A)	FROM GOVT. OF INDIA (MHRD) (PLAN)- GENERAL	345,000,000	276,500,000		OTHER PAYMENTS INCLUDING		
B)	FROM GOVT. OF INDIA (MHRD) (PLAN) - FOR CREATION OF CAPITAL ASSETS	153,300,000	92,200,000	vii)	STATUTORY PAYMENTS		
C)	FROM GOVT. OF INDIA (MHRD) (PLAN)- SALARY	346,900,000	293,600,000	A)	PROFESSIONAL TAX PAID	-	312,875
	III ACADEMIC FEE			B)	LABOUR WELFARE CESS	-	294,408
A)	ACADEMIC FEES	318,476,647	286,957,104	C)	NEW PENSION CONT.	50,906,397	46,091,501
B)	HALL MANAGEMENT ACCOUNT			D)	TDS PAID	43,722,837	37,824,186
				E)	GST PAID (GST TDS & RCM)	3,135,096	3,028,436
					VIII REFUNDS OF GRANTS/PROJECT A/C CORPUS	573,965	6,649,007
	RECEIPTS AGAINST				NICSI	-	5,493,094
iv)	EARMARKED/ENDOWMENT FUNDS	-	7,842,461		SECURITY DEPOSIT	4,500,000	272,982
	RECEIPTS AGAINST SPONSORED				EMD AND PBG	166,000	391,028
v)	PROJECTS/SCHEMES	50,158,437	16,551,063		SECURITY DEPOSIT-MPPKWCL	234,900	1,853,400

Annual Account (FY 2024-25)

PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, JABALPUR
RECEIPTS & PAYMENT ACCOUNT
FOR THE FINANCIAL YEAR 2024-2025

S.No.	RECEIPTS	CURRENT YEAR (FY 2024-2025)	PREVIOUS YEAR (FY 2023-2024)	S.No.	PAYMENTS	CURRENT YEAR (FY 2024-2025)	PREVIOUS YEAR (FY 2023-2024)
AMOUNT IN ₹							
VI	<u>RECEIPTS AGAINST SPONSORED FELLOWSHIPS AND SCHOLARSHIPS</u>				HALL MANAGEMENT ACCOUNT	13,106,000	24,621,500
A)	CENTRAL SECTOR SCHOLARSHIP RECEIVED	20,966,770	1,900,640	IX	<u>STUDENT BENEFIT ACCOUNT</u>		
B)	EXTERNAL SCHOLARSHIP	-	16,404,030	A)	STUDENT CAUTION MONEY	-	39,000
VII <u>INCOME ON INVESTMENTS FROM</u>							
A)	FIXED DEPOSITS	1,659,386,085	463,451,392	B)	EXCESS DEPOSIT FEE PAID	-	6,777,594
				C)	OTHER EXPENSES	-	44,287,168
VIII <u>INTEREST RECEIVED/ACCRUED</u>							
A)	INTEREST RECEIVED	67,699,805	33,402,262	J)	<u>CLOSING BALANCES</u>		
B)	INTEREST ACCRUED ON FIXED DEPOSIT	38,231,785	2,078,592	K)	<u>CASH BALANCE</u>		
OTHER INCOME (INCLUDING PRIOR PERIOD INCOME)							
A)	OTHER INCOMES	7,903,623	5,329,559	XII	<u>BANK BALANCE</u>		
				A)	i) SBI GRANT A/C	236,669	236,669
				B)	ii) INDIAN BANK STUDENT FEE A/C		12,085,995
				iii)	INDIAN BANK STUDENT FEE A/C	6,233	1,835,954
				iv)	INDIAN BANK GRANT CURRENT A/C	1,553,879	919,084
				v)	INACOMM 2021 A/C	65,161	65,161
X <u>DEPOSITS AND ADVANCES</u>							
A)	SECURITY DEPOSIT	-	177,250	a)	INDIAN BANK SERB PROJECT A/C	5,628,915	9,458,160
B)	EMD AND PBG	-	3,129,200	b)	INDIAN PROJECT A/C	18,048,247	16,982,795
C)	ADVANCE FROM EXPENSES OF STAFF & OTHER	-	4,630,048	c)	E&ICT ACADEMY A/C	105,179	50,667
				d)	STARTUP A/C	6,294	6,124
MISCELLANEOUS RECEIPTS INCLUDING STATUTORY RECEIPTS							
D)	GSLIS	-	184,539	e)	QIP AICTE	734,821	714,956
I)	TDS RECOVERED	-	165,884	v)	INDIAN GRANT SAVING BANK A/C	167,639,394	49,918,403
J)	SUNDRY CREDITORS	-	341,505	vii)	SBI TICKET A/C	-	82,834
L)	GST	-	799,822	viii)	AXIS BANK	569,972	7,128,762
				ix)	HDFC BANK	684,613	6,567,082
				x)	Swap Facility	-	-
XII <u>ANY OTHER RECEIPTS</u>							
				xi)	VH INDIAN BANK	991,990	1,190,680
				xii)	BANK OF MAHARASHTRA	6,673	-
B)	OTHER RECEIPTS	26,710,698	43,117,826	xiii)	CANARA BANK	78,298	-
				xiv)	INDIAN BANK LEIN	462,735	-
				xv)	RBI	-	-
TOTAL		3,141,877,175	1,655,122,806	TOTAL		3,141,877,175	1,655,122,806

Ad Singh

(Bhartendu K Singh)
Director

S. D. Gadekar

(S.D. Gadekar)
Acting Registrar

S. D. Gadekar

(S.D. Gadekar)
Deputy Registrar (F&A)

RIGHT TO INFORMATION ACT 2005**Report****(01-04-2024 to 31-03-2025)**

The Institute lays emphasis on the implementation of Right to Information Act 2005. Institute has been taking initiatives to make the system transparent and trying to upload maximum information on the website suo-moto for the citizens of India. The implementation of RTI Act 2005 is ensured by the officials designated for the purpose, who are as follows :

Shri Santosh Mahobia Assistant Registrar Central Public Information Officer	Smt. Swapnali D. Gadekar Acting Registrar First Appellate Authority	Prof. P. N. Kondekar Professor Transparency Officer
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Other details are given below :

No. of RTI application received in the Institute	:	125
No. of RTI application replied by the Institute	:	113
No. of first appeals received by the Institute	:	25
No. of decisions passed by the FAA of the Institute	:	25
Amount collected as RTI fee and additional fee	:	Rs. 610/-