

Annual Report

2023-24



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!

This is one of the finest moments to be revered as we share our academic, research and technical credentials we have achieved in 2023-24. This year has been really fruitful as we have significantly produced many doctorates in all our technical disciplines. With a total strength of 2497 students hailing across all disciplines in undergraduate, postgraduate, and doctoral programmes, we happily march towards setting new goals in all possible areas of our institutional development.

PDPM IIITDM Jabalpur has a unparalleled history of collaborating with Japan through an MOU signed between the prime ministers of the two countries. IIITDM Jabalpur holds an annual meeting of the Steering Committee to review the status of collaboration and prospects of strengthening the international cooperation further with Japan. Furthermore, MOU has been signed with many reputed national and international organizations.

Our institution rejuvenates with pride in organizing various cocurricular and extracurricular events throughout the year and our students have become seamless in bringing several accolades from both intracollege and intercollegiate festivals.

PEARL 2023 at BITS Hyderabad, Footloose, Global Youth Festival, Singing Workshop, Alcheringa 2024 - Inter-College Competition at IIT Guwahati, Hindi and Urdu Poetry Workshop and Nukkad Natak are cultural programs that have been really popular and has witnessed the real zeal of our students. TARANG 2023 was an event organized by all the cultural clubs of the IIITDM in which thirty-three competitive events were organized and inter-college participation was witnessed in an appreciable manner. Institute including "SAAZ", "AVARTAN", "ABHIVYAKTI", "SAMVAAD" "JAZBAAT", and

"SHUTTERBOX" lasting for three days and being attended by over 1500 students, these events were widely appreciated and commended by all.

Science & Technology Clubs like Racing Club, The Programming Club, Astronomy and Physics Society, Automotive and Fabrication Club, Electronics & Robotic Club, CAD & 3D Printing Club and Business and Management Club have hosted series of techno festivals throughout the year.

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 under which Fit India Pledge, Cyclothon and Run for Unity for Employees, Students, Kids/Children of Employees, Yoga Session, and Quiz Competition for students, employees and their family members and Students were organized. Enthuse 2023 was an Intra College Sports Event was organized for students 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.

Hindi Pakhwada- 2023 was celebrated in the Institute. Various competitions were organized for the staff and students and the winners were facilitated with prizes during the Hindi Pakhwada.

The Institute organized various successful campus placement activities and held campus recruitment drives both online and offline. The highest package offered in India in the year 2023-24 is Rs. 101 LPA by Rubrik India and abroad is 135 LPA by Amazon London. A total of 3 International offers were given to the students. For the current session the overall UG average package is 17.55 LPA. About 65% of students have received offers of more than Rs. 10 LPA. Institute also allows the students to undertake an internship for 6 months to gain sufficient technical knowledge and practical exposure about the corporate workplace culture. Recently Institute signed an MOU with Tech Japan Inc, to provide internship & job opportunities in Japanese organizations.

The year 2023-24 has been full of promise and hope. We have been consistently supporting the students to undertake innovation and entrepreneurial activities. We continuously motivate our students to get involved in those individual, pair and group projects that could be really beneficial to our society. To render steadfast commitment and tireless service to our nation and society, let us all earnestly work together with integrity to reach the pinnacle of our success in every endeavor we have logged in.

(Bhartendu K. Singh)
Director

Brief Historical Background

Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design & Manufacturing (PDPM IIITDM) Jabalpur was established by the Ministry of Education, 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 Education 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.

The Institute has been given the status of Institute of National Importance after the enactment of IIIT Act 2014 on December 9, 2014.

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 classroom 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	68	
No. of Officers	12 (09 - Administrative Officers, 03 - Technical Officers)	
No. of Support Staff	48	
No. of Students	UG - 2248, Masters - 70, Ph.D. - 179	
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)	124039 Sqmt.	
Building under Construction (Plinth Area)	2697 Sqmt.	
	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 Centre	01 Basket Ball Court (Indoor) 01 Lawn Tennis Court 01 Volley Ball Ground 01 Common Play Field + 400 mtrs track		
	Other building under construction	01 Students Activity Centre		
Total Institutional Project		Rs. 2600 Lakh		
Total Research Project		Rs. 1139.22 Lakh		
Income (FY 2023-24) (Rs. in Lakh)	Grant in Aid 6623.00	unspent Balance of FY- 2023-24 216.44		
Expenditure (FY 2023-24) (Rs. in Lakh)	Capital (Head 35) 889.70	General (Head 31) 2707.95	Salary (Head 36) 2813.90	Total 6411.55

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
Prof. Deepak Kumar Srivastava
Director
IIM Ranchi



Member (Ex-officio)
Shri Nikunj Srivastava
Principal Secretary
Dept. of Science & Technology,
Govt. of M.P.



Member
Ms. Atreyee Borooah 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 Bhuvnesh Kumar
Additional Secretary and Group
Coordinator
Ministry of Electronics &
Information Technology
(01 April 2023 – 20 August 2023)



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



Member (Ex-officio)
Shri Kuntal Sensarma
Economic Adviser & Group
Coordinator, Ministry of
Electronics and Information
Technology
(21 August 2023 onwards)



Member
Prof. Sanjeev N. Sharma
Professor
PDPM IIITDM, Jabalpur
(01 April 2023 - 17 Nov. 2023)

Governance



Member

Prof. Prashant Jain
Professor
PDPM IIITDM, Jabalpur
(01 April 2023 - 17 Nov. 2023)



Member (Ex-officio)

Prof. Bhartendu K. Singh
Director
PDPM IIITDM, Jabalpur
(01 May 2023 onwards)



Member (Ex-officio)

Prof. P.N. Kondekar
Acting Director
PDPM IIITDM, Jabalpur
(01 April 2023 - 30 Apr. 2023)



Secretary (Ex-officio)

Smt. Swapnali D. Gadekar
Acting Registrar
PDPM IIITDM, Jabalpur

Three meetings of the BOG were held during the year 2023-24.

Senate



Chairperson

Prof. P.N. Kondekar
Acting Director
PDPM IIITDM, Jabalpur
(01 Apr 2023 – 30 Apr 2023)



Member (Ex-officio)

Prof. V. K. Gupta
PIC (Academic)
PDPM IIITDM, Jabalpur
(01 Feb 2024 onwards)



Chairperson

Prof. Bhartendu K. Singh
Director
PDPM IIITDM, Jabalpur
(01 May 2023 onwards)



Member (Ex-officio)

Prof. Dinesh Kumar Vishwakarma
Dean (RSPC)
PDPM IIITDM, Jabalpur



Member (Ex-officio)

Prof. Prashant Jain
PIC (Student Affairs)
PDPM IIITDM, Jabalpur
(01 April 2023 – 23 August 2023)



Member (Ex-officio)

Dr. Mohd. Zahid Ansari
Head (ME Discipline)
PDPM IIITDM, Jabalpur



Member (Ex-officio)

Dr. Mukesh Kumar Roy
FIC (Student Affairs)
PDPM IIITDM, Jabalpur
(24 August 2023 onwards)



Member (Ex-officio)

Dr. Matadeen Bansal
Head (ECE Discipline)
PDPM IIITDM, Jabalpur



Member (Ex-officio)

Prof. Sanjeev N. Sharma
PIC (Academic)
PDPM IIITDM, Jabalpur
(01 April 2023 – 31 Jan 2024)



Member (Ex-officio)

Dr. Prabir Mukhopadhyay
Head (Design)
PDPM IIITDM, Jabalpur

Governance



Member (Ex-officio)

Dr. V.K. Jain
Head (CSE Discipline)
PDPM IIITDM, Jabalpur



Member

Prof. P.N. Kondekar
Professor
PDPM IIITDM, Jabalpur
(01 May 2023 onwards)



Member (Ex-officio)

Dr. Lokendra K. Balyan
Head (Natural Science)
PDPM IIITDM, Jabalpur



Member

Prof. Pritee Khanna
Professor
PDPM IIITDM, Jabalpur



Member (Ex-officio)

Dr. Mamta Anand
Head (Liberal Arts)
PDPM IIITDM, Jabalpur



Member

Prof. Prashant Jain
Professor
PDPM IIITDM, Jabalpur
(24 August 2023 onwards)



Member

Prof. Aparajita Ojha
Professor
PDPM IIITDM, Jabalpur



Member

Prof. Prabin Kumar Padhy
Professor
PDPM IIITDM, Jabalpur



Member

Prof. Puneet Tandon
Professor
PDPM IIITDM, Jabalpur



Member

Dr. Atul Gupta
Professor
PDPM IIITDM, Jabalpur



Member

Prof. Tanuja Sheorey
Professor
PDPM IIITDM, Jabalpur



Member (Ex-officio)

Prof. Sanjeev N. Sharma
PIC (Academic)
PDPM IIITDM, Jabalpur
(01 February 2024 onwards)



Member

Prof. V. K. Gupta
Professor
PDPM IIITDM, Jabalpur
(01 April 2023 - 31 Jan 2024))



Secretary (Ex-officio)

Smt. Swapnali D. Gaddekar
Acting Registrar
PDPM IIITDM, Jabalpur

One meeting of the Senate was held during 2023-24.

Various Standing Committees of the Senate

1. Students Advisory Committee of the Senate (SACS) (From 01/04/2023 to 30/11/2023)

1.	Dr. Manoj Singh Parihar, Associate PIC (Students)	Convener
2.	Dr. Deepmala, Head (Counselling Services)	Member (Ex-officio)
3.	Dr. Irshad Ahmad Ansari,	Member, Warden (Vasishtha Hostel)
4.	Dr. Tushar Choudhary,	Member, Warden (Panini Hostel)
5.	Dr. Manu Srivastava	Member, Warden (Maa Saraswati Girls Hostel)
6.	Dr. Matadeen Bansal	Member (Faculty other than Warden)
7.	Mr. Om Sharma (Roll no. 20BCS148)	Member (Student Senate Representative)
8.	Mr. Samarth Raj (Roll no. 21BEC094)	Member (Student Senate Representative)
9.	UG Coordinator, Counselling Service	Member (Ex-officio)
10.	PG Coordinator, Counselling Service	Member (Ex-officio)

(From 01/12/2023 to 31/03/2024)

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 Representative)
8.	Mr. Aiyub Hasnain (21BEC069)	Member (Student Senate Representative)
9.	Ms. Ankita Nemu (20PNPO01)	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, 2023 to Mar 31, 2024)

1.	Dr. Neeraj Jaiswal	Convener (From April 01, 2023 to August 9, 2023)
2.	Dr. Atul Kumar	Convener (From August 10, 2023 to January 02, 2024)
3.	Dr. Dip Prakash Samajdar	Convener (January 03, 2024 to March 31, 2024)
4.	Dr. R. Seetharam	Member
5.	Dr. Vijaypal Singh Rathore	Member
6.	Dr. Amrita Bhattacharjee	Member
7.	Dr. Anil Kumar	Member

3. Academic Programme Committee of Senate (APCS)

(From April 01, 2023 to October 16, 2023)

1.	Director	Chairman
2.	Head (CSE)	Member
3.	Head (ECE)	Member
4.	Head (ME)	Member
5.	Head (Design)	Member
6.	Head (NS)	Member
7.	Prof-in-Charge (Academic)	Member, Secretary

(From October 17, 2023 - Mar 31, 2024)

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, 2023 to September 17, 2023)

1.	Dr. Asish K. Kundu	Convener
2.	Dr. Neelam Dayal	Member (CSE)
3.	Dr. Pankaj Sharma	Member (ECE)
4.	Dr. Tushar Choudhary	Member (ME)
5.	Dr. Tripti Singh	Member (Design)
6.	Dr. Yashpal Singh Katharria	Member (NS)

(From September 18, 2023 to March 31, 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

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. P.N. Kondekar
Acting Director
PDPM IIITDM, Jabalpur
(01 April 2023 - 30 April 2023)



Member (Ex-officio)
Shri Anil Kumar
Director (Finance)
Ministry of Education,
Government of India



Member (Ex-officio)
Prof. Bhartendu K. Singh
Director
PDPM IIITDM, Jabalpur
(01 May 2023 onwards)



Member
Ms. Atreyee Borooah Thekedath
Founder Director
Web.com (India) Pvt. Ltd.,
Guwahati



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

Two meetings of the Finance Committee were held during the year 2023-24.

Building and Works Committee



Chairperson
Prof. P.N. Kondekar
Acting Director
PDPM IIITDM, Jabalpur
(01 April 2023 - 30 April 2023)



Member
Prof. P. N. Kondekar
Dean (Planning & Development)
PDPM IIITDM, Jabalpur
(01 May 2023 - 30 January 2024)



Chairperson
Prof. Bhartendu K. Singh
Director
PDPM IIITDM, Jabalpur
(01 May 2023 onwards)



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)
MPPKVCL, Jabalpur



Member
Shri Prashant Pole
Director
Disha Consultants, Jabalpur



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

One meeting of the B&WC was held during the year 2023-24.

Office Administration



Mr. R P Dwivedi
Joint Registrar
MCA, MPM, LLB
(Relieved on 24/02/2023 to join as Registrar at IPE, 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 Bhadauria
Assistant Registrar
Placement cum Public
Relations Officer
ME, PGDBA



Mr. Vijay Kumar Dubey
Executive Engineer (Civil)
BE (Civil), MBA



Mrs. Priti Patel
Assistant Registrar
Academics,
International Affairs,
IIC & PCC
MBA, MCA



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

Technical Officers



Shri Awadhesh Kumar Singh
Technical Officer
Mechatronics,
MEMS and NEMS
ME From Asian Institute of
Technology, Thailand



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



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

GROUP 'B' STAFF

No.	Name	Designation
1.	Shri R. K. Mishra	Assistant Engineer (Civil)
2.	Shri Sunil Jat	Assistant Engineer (Civil)
3.	Shri Ashok Kumar	Superintendent
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. Sapna 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. Aayesha 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.



• Faculty CSE •



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-IITM Gwalior
Assistant Professor (Grade I)
Location Estimation in Indoor Wireless
Networks



Manish Kumar Bajpai

PhD – IIT Kanpur
Assistant Professor (Grade I)
Parallel Algorithms, Image Reconstruction



Ayan Seal

PhD – Jadavpur University
Assistant Professor (Grade I)
Thermal Face Recognition for Biometric
security System (Image Processing and
Computer Vision)



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Journals

1. Bhati Amit, Gour Neha, Khanna Pritee, Ojha A. and Werghi N., "An interpretable dual attention network for diabetic retinopathy grading: IDANet", *Artificial Intelligence in Medicine*, 149 (2024) 102782, doi: <https://doi.org/10.1016/j.artmed.2024.102782>.
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6. Mohan Karnati, Ayan Seal, Anis Yazidi and Ondrej Krejcar, "LieNet: A Deep Convolution Neural Networks Framework for Detecting Deception", *IEEE Transactions on Cognitive and Developmental Systems*, 2021, DOI: 10.1109/TCDS.2021.3086011, IF. 2.667."
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10. Natarajan Anisha, Vijayakumar Krishnasamy and Munesh Singh. "Design of a Low Cost and Device Free Human Activity Recognition Model for Smart LED Lighting Control." *IEEE Internet of Things Journal* (2023).
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17. Vijaypal Singh Rathor, G.K. Sharma, A New ATPG and Online Monitoring based Technique for Hardware Trojan Detection, Microprocessors and Microsystems, Volume 101, 2023, 104903, ISSN 0141-9331. <https://doi.org/10.1016/j.micpro.2023.104903>.
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Transactions on Medical Imaging (2023).

20. Jain Samir, Ayan Seal and Aparajita Ojha. "A Convolutional Neural Network with Meta-feature Learning for Wireless Capsule Endoscopy Image Classification." Journal of Medical and Biological Engineering 43, no. 4 (2023): 475-494.

Conference Publications

1. Bhati Amit, Jain Samir, Gour Neha, Khanna Pritee, Ojha A. and Werghi N., "A Shallow U-Net with Split-Fused Attention Mechanism for Retinal Vessel Segmentation", IEEE International Conference on Image Processing (ICIP), Kuala Lumpur, Malaysia, October 8-11, 2023, pp. 3205-3209, doi: 10.1109/ICIP49359.2023.10222431.
2. Verma Rajeev and Avinash Chandra Pandey. "Improving Early Detection of Suicide Ideation using Oversampling Methods." In Proceedings of the 2023 Fifteenth International Conference on Contemporary Computing, pp. 282-288. 2023.
3. Mishra Deepak, Anil Kumar and Vijaypal Singh Rathor. "Performance of Interpolation Techniques for Compression of Crop Image: A Comparative Study." In 2023 International Conference on Computer, Electronics & Electrical Engineering & their Applications (IC2E3), pp. 1-7. IEEE, 2023.

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.

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Communication & Signal Processing

Journals

1. Pathak Nakul K., and Varun Bajaj. "Automatic modulation classification using bimodal parallel multichannel deep learning framework for spatial multiplexing MIMO system." *Physical Communication* (2023): 102071.
2. Gupta Kapil, Varun Bajaj, and Irshad Ahmad Ansari. "Integrated S-transform-based learning system for detection of arrhythmic fetus." *IEEE Transactions on Instrumentation and Measurement* (2023).
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11. Kumar, A., Vishwakarma, A. & Bajaj, V. Multi-headed CNN for colon cancer classification using histopathological images with tikhonov-based unsharp masking. *Multimed Tools Appl* (2024). <https://doi.org/10.1007/s11042-024-18357-y>.
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Analysis," ACS Appl. Electron. Mater., Vol. 6 (3), pp. 1600–1616, 2024. DOI: 10.1021/acsaelm.3c01412.

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Conference Publications

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2. V. K. Jain and S. K. Jain, Distribution Transformer Failure: Causes and Solutions from the Field Data Analysis, 2024, 3rd International conference on Power Electronics and IoT Applications in Renewable Energy and its Control (PARC), GLA University, Mathura India, Feb. 23-24, 2024
3. Abhishek Patel, Manoj Singh Parihar, Trivesh

Kumar, Dual Band Notch and Dual Port MIMO Antenna with End Fire Radiation Pattern for UWB Applications, 2023, International Conference on Computer, Electronics & Electrical Engineering & their Applications (IC2E3), Srinagar Garhwal, India, 1-5, 29 September 2023, IEEE, Published, Yes, Yes IEEE.

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5. S. Mishra, A. Vishwakarma and A. Kumar, "Automatic Nuclei Segmentation Method using Median Filter for Denoising," 2023 International Conference on Computer, Electronics & Electrical Engineering & their Applications (IC2E3), Srinagar Garhwal, India, 2023, pp. 1-5, doi: 10.1109/IC2E357697.2023.10262616.
6. Shakir Mohd, Rajeewa Kumar Jaisawal, Navjeet Bagga, P.N. Kondekar, and Koushik Dutta, "Demonstration of Doped-HfO₂ Ferroelectric based Double Layer Stacked NC FinFET," 27th International Symposium on VLSI Design and Test (VDAT-2023), 29th Sept.-1st Oct., 2023, BITS Pilani, Rajasthan, India.
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8. Swati Verma, Pushpa Raikwal, Meena Panchore, "Impact of Gamma Rays on Emerging Devices for Photonic Applications," International Conference on Machine vision and Augmented Intelligence, NIT Patna, India, 24-25th November 2023, Presented, Scopus, Springer
9. Pushpendra Dwivedi, Meena Panchore,

Pushpa Raikwal, Akash Agarwal, Comparison of Different CIC filter architectures on the basis of a novel parameter called Noise Factor for Sigma-Delta based ADCs, International Conference on Machine vision and Augmented Intelligence NIT Patna, India, 24-25th November 2023, Presented, Scopus Springer.

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Mechanical Engineering

Mechanical Engineering Discipline has started journey in the year of 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.





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Destructive Evaluation, Polymer
Composites and Self-healing Composites

Journal

1. Shrivastava, Parnika, and Puneet Tandon. "Investigation of Macro-and Grain-Scale Residual Stresses with an Emphasis on Spring-Back Behavior in Preheated Incrementally Formed AA 1050 H14 Components." *Journal of Materials Engineering and Performance* (2024): 1-10.
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12. Narolia Tejkarani, Gupta Vijay Kumar, "Design and Experimental Analysis of Low Wind Speed Rotary Piezoelectric Energy Harvester, *International Journal of Mechanics and Materials in Design*", 19(4), 793-804 (<https://doi.org/10.1007/s10999-023-09663-8>), (SJRI: Accepted, IF=3.333).
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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.



• Faculty Design •



Puneet Tandon

PhD – IIT Kanpur
Professor

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



Prabir Mukhopadhyay

PhD – University of Limerick, Ireland
Associate Professor
Ergonomics



Sangeeta Pandit

PhD – IIT Guwahati
Assistant Professor (Grade II)
Design Ergonomics



Tripti Singh

PhD – Banasthali University
Assistant Professor (Grade II)
Visual Communication, New Media



Amrita Bhattacharjee

PhD – IIT Guwahati
Assistant Professor (Grade II)
Lighting Design and Visual Perception

Journals

1. Bajaj, A.J., Bhattacharjee, A. Design and development of digital humans in virtual exhibition space. *Multimed Tools Appl* (2023). <https://doi.org/10.1007/s11042-023-17100-3>.
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3. Patel, G., & Mukhopadhyay, P. (2023). Effect of color on the comprehensibility of pesticide pictograms by the agricultural workers in Central India. *Human and Ecological Risk Assessment: An International Journal*, 29(7–8), 1152–1162. <https://doi.org/10.1080/10807039.2023.2248275>.
4. Patel, G., & Mukhopadhyay, P. (2023). Farmers Interpretation of Pesticides Pictograms and Their Adherence to Different Ergonomic Principles for Different Sizes. *Journal of Agromedicine*, 28(4), 647–655. <https://doi.org/10.1080/1059924X.2023.2241457>.

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.

• Faculty Natural Sciences •



Asish Kumar Kundu
PhD – JNCASR Deemed University
Associate Professor
Solid State Physics



Subir Singh Lamba
PhD – IIT Kanpur
Assistant Professor (Grade I)
Parallel Computing, Spectral Method and
CFD



Mukesh Kumar Roy
PhD – IIT Kanpur
Assistant Professor (Grade I)
Nuclear Physics Technique, Material
Science



Bhupendra Gupta
PhD – IIT Kanpur
Assistant Professor (Grade I)
Probability Theory



Lokendra Kumar Balyan
PhD – IIT Kanpur
Assistant Professor (Grade I)
Spectral Methods, High Performance
Computing, Elliptic Partial Differential
Equations



Nihar Ranjan Jena
PhD – Banaras Hindu University
Assistant Professor (Grade I)
Molecular modelling of structures and
interactions of biomolecules, complexes
and clusters



Amaresh Chandra Mishra
PhD – IIT Kharagpur
Assistant Professor (Grade I)
Electrodeposited magnetic film coated
wires for GMI (Giant magneto-impedance)
sensor applications



Nihar Kumar Mahato
PhD – IIT Kharagpur
Assistant Professor (Grade I)
Applied Functional Analysis and
optimization



Manoj Kumar Panda
PhD – IIT Kanpur
Assistant Professor (Grade I)
Mathematical Modelling of Bio-Fluid
Dynamics (Phototactic bioconvection),
CFD, Hydrodynamic Instability



Neeraj Kumar Jaiswal
PhD – ABV-IIITM Gwalior
Assistant Professor (Grade I)
Applied Physics



Deepmala
PhD – Pt. Ravishankar Shukla University,
Raipur
Assistant Professor (Grade I)
Fixed Point theory and Applications,
Dynamic Programming, Integral Equations,
Nonlinear Analysis



Yashpal Singh Katharria
PhD – Jawaharlal Nehru University/ Inter-
University Accelerator Centre, New Delhi
Assistant Professor (Grade I)
Experimental Condensed Matter Physics

Journals

1. Kumar, Chandra, R. P. Yadav, and B. K. Singh. "Surfaces properties correlation with optical parameters of thickness dependent self-affine nanostructured SnS thin films: A study based on scaling law." *Colloids and Surfaces A: Physicochemical and Engineering Aspects* 691 (2024): 133865.
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2. Ravidas, Babban Kumar, Abhijit Das, Mukesh Kumar Roy, and Dip Prakash Samajdar, "An Exploration of Photovoltaic Performance of the Rb 2 SnI 6 using DFT and SCAPS-1D." In 2023 IEEE Devices for Integrated Circuit (DevIC), pp. 307-311. IEEE, 2023.
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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. Students also get a professional edge in their fields by pursuing courses like Science and Culture, Culture and Technology and Life Skills Management. 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, "S. Radhakrishnan on Art and Spiritual Values". Vol 2, No. 1 (March 2024).
2. Anand Mamta, "Sri Aurobindo on Nationalism - A perspective". Vol 2, No. 1 (March 2024).
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4. Fareen, J. A. M. & Farhana, M. A. (2023). The Need for Using English for Professional & Global Communication Today: A Critical Review. *i-manager's Journal on English Language Teaching (JELT)*, 13(4), 13-22. <https://doi.org/10.26634/jelt.13.4.20142>.
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6. Farhana, M. A. M. & Fareen, J. A. M. (2023). Promoting the Participation of Teachers and Students in Absorbing Blended Learning: A Crucial Need in Higher Education. *Technoarete Transactions on Application of Information and Communication Technology (ICT) in Education*. 2(3), 5-9.

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1. Mamta Anand, "Women and Consciousness: A perspective of Transcendentalist Ralph Waldo Emerson and Spiritualist S. Radhakrishnan". ICHSSBM (May 23).
2. Farhana, Mamta Anand, "The Development of Conscious Experiences in the Characters of Leo Tolstoy's War and Peace: A Post Human Perspective" ICHSSBM (May 23).
3. Shinde, Mamta Anand, "Apsara Aali - Here Comes the Celestial Nymph: Does Menaka Have a Choice". IIT Roorkee (April 23) 38.
4. Das, Mamta Anand, "Identity and Politics: How Sri Aurobindo defended Indian Culture". EFLU (May, 23)
5. Das. Mamta, Anand. "Reconciliation with Eternal, Brahman: A Posthumanistic Perspective on the Bhagvadgita". EFLU (May, 23)
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10. Fareen, J. A. M. (2023). "Understanding the underpinnings of Kalaingar's rational thinking on social and cultural transformation through his selected short stories: A Critical Review" in the two-day National Conference on "Translation of Dr. Kalaingar M. Karunanidhi's Writings: Linguistic and Cultural Perspectives School of Humanities", Organized by Tamil Nadu Open University, Chennai on 29-30 September 2023.
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4. Dr. Vijaypal Singh Rathor, Intelligent Analytics for Industry 4.0 Applications, CRC Press, 9.78103E+12, 6 June 2023, Avinash Chandra Pandey, Abhishek Verma, Munesh Singh, Ashutosh Kumar Singh.
5. Dr. Koushik Dutta, "Nanotechnological Advancement in Energy Harvesting and Energy Storage with Hybridization Potentiality," Nanoelectronics Devices: Design, Materials, and Applications (Part I) (2023) 1: 377. <https://doi.org/10.2174/9789815136623123010017>, Bentham Science, 978-981-5136-63-0, 2023, Shikha Kumari, Talapati Akhil Sai.
6. Prof. Puneet Tandon, Design and analysis of Single Screw Extruder for Hybrid Manufacturing Process In: Advances in Manufacturing, Automation, Design and Energy Technologies (Chapter 41). Eds: N. M. Sivaram et al., Lecture notes of Mechanical Engineering, Springer Nature, ISBN 978-981-99-1287-2, 2023, Kausadikar, S., Tiwari, M.K, Ponappa, K. and Tandon, P.
7. Prof. Vijay Kumar Gupta, "Virtual Validation and Optimization of Electric Two-Wheeler for Ride Comfort Analysis", Springer, https://doi.org/10.1007/978-981-99-4270-1_3, 2024, Chetan Patil, Muralidhar Gumma, Padmaja Durgam, Naga Aswani Kumar Goli.
8. Prof. Tanuja Sheorey, "Fluid Flow and Temperature Distribution in Microchannel Heat Sink with Z-Type Flow Arrangement: An Experimental Investigation, Springer, Singapore, 978-981-19-6969-0, 2023, Devisingh Rawat and Mangal Singh Lodhi.
9. Prof. Tanuja Sheorey, "Design and Development of Double Air Suction Resuscitation Device Using Scotch Yoke Mechanism, Springer, Singapore, 978-981-19-3716-3, Shivdayal Patel.
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11. Prof. Tanuja Sheorey, "Fabrication and Characterization of Aluminum Oxide-Based Polypropylene Filaments, Bikram Singh Solanki, Prakhar Khemka, Harpreet Singh.
12. Prof. Tanuja Sheorey, "Fluid Flow and Temperature Distribution in Microchannel Heat Sink with Z-Type Flow Arrangement: An Experimental Investigation", Springer, Singapore, 978-981-19-6969-0 (print) ; 978-981-19-6970-6 (online) , 2023, Rawat, D. and Lodhi, M.S.
13. Prof. P.K. Jain, "Feasibility study of the hybrid Pellet-Based Additive Manufacturing Extruder with commercial 3D FFF printer, Advances in Modelling and Optimization of Manufacturing and Industrial Systems: Select Proceedings of CIMS 2021 (pp. 731-738, 978-981-19-6106-9, 2023, Yash Soni, Narendra Kumar, Mohit Tyagi and Prashant K. Jain.
14. Prof. P.K. Jain, "Issues and Challenges in Fabrication of Conductive Parts by Additive Manufacturing and their Applications: A Study" Advances in Modelling and Optimization of Manufacturing and Industrial Systems: Select Proceedings of CIMS 2021, 661-671, 978-981-19-6106-9, 2023, Arpit Bajpai and Prashant K. Jain.
15. Prof. P.K. Jain, "Experimental investigation on mechanical behaviour of austenitic

- stainless steel fabricated through wire arc additive manufacturing", Available Online, 2023, Ashish Yadav, Manu Srivastava and Prashant K. Jain.
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 17. Dr. Shivdayal Patel, "Multi-faults diagnosis of the gearbox by deep convolution neural network, In: Irshad Ahmad Ansari and Varun Bajaj, Advanced Signal Processing for Industry 4.0, Volume 2 Security issues, management and future opportunities, IOP Publishing Ltd 2023 doi:10.1088/978-0-7503-5658-9ch11, IOP, Publishing Ltd. , doi:10.1088/978-0-7503-5658-9ch11, 2023, Verma J G, Raghav MS, Kankar P.K.
 18. Dr. Shivdayal Patel, "Ballistic Impact Behavior of 3D Hybrid Composite Laminates", Springer, https://doi.org/10.1007/978-981-19-3716-3_58 , 2023, Roopendra Pathak, V.K. Gupta
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 21. Dr. Shivdayal Patel "Crack Propagation Analysis of Spur Gear" In book: Advances in Manufacturing Engineering Part of the Lecture Notes in Mechanical Engineering book series (LNME) Springer DOI: 10.1007/978-981-19-4208-2_30, Springer, DOI: 10.1007/978-981-19-4208-2_30, 2023, Mahendra Singh Raghav, Amandeep Singh.
 22. Dr. Mithilesh Kumar Sahu, Amit Kumar, Tushar Choudhary, "Chapter Improvement of Aerodynamic Performance of Aerofoil Design by Using Shark Skin Inspired Denticles", Springer Link, 978-981-97-0917-5, 2024.
 23. Dr. Manu Srivastava, "Wire arc additive manufacturing of non-ferrous alloys", CRC Press, Taylor & Francis group, In Press, 2023, Basant Kumar, Sheikh Nazir Ahmad, Sandeep Rathee, Manu Srivastava.
 24. Dr. Manu Srivastava, "Mechanical Properties of Multi-Layer Wall Structure Fabricated Through Arc-Based DED Process: A Case Study", CRC Press, Taylor & Francis group, In Press, 2023, Ashish Yadav, Manu Srivastava, Prashant K Jain, Sandeep Rathee.
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 27. Dr. Manu Srivastava, "Fabrication and Characterization of Honeycomb structure via solid state processing route", Springer, Accepted, 2023, "Dr Manu Srivastava, Dr Sandeep Rathee, Nikhil Jaiswal , Umashankar Bharti.
 28. Dr. Manu Srivastava, "Fabrication and Characterization of Shape Memory Alloy via FSW", Springer, Accepted, 2023, Dr. Manu Srivastava, Dr. Sandeep Rathee, Bommana Boina Abhignya.
 29. Dr. Manu Srivastava, "Tool strategies for Utilization of hollow and consumable tools for FSE-based Metal Additive Manufacturing, Springer, Accepted, 2023, Dr Manu Srivastava, Dr. Sandeep Rathee, Vikrant Sehra, Omkar Waman.
 30. Dr. Manu Srivastava, Book : "Metal additive manufacturing", Springer, Not yet allotted, 2023, Sandeep Rathee, Manu Srivastava, J Paulo Davim.
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Profiles : A Case Study", Wiley, <https://doi.org/10.1002/9781394169467.ch10>, 2024, Dr. Manu Srivastava, Dr. Sandeep Rathee, Bommana Boina Abhignya.

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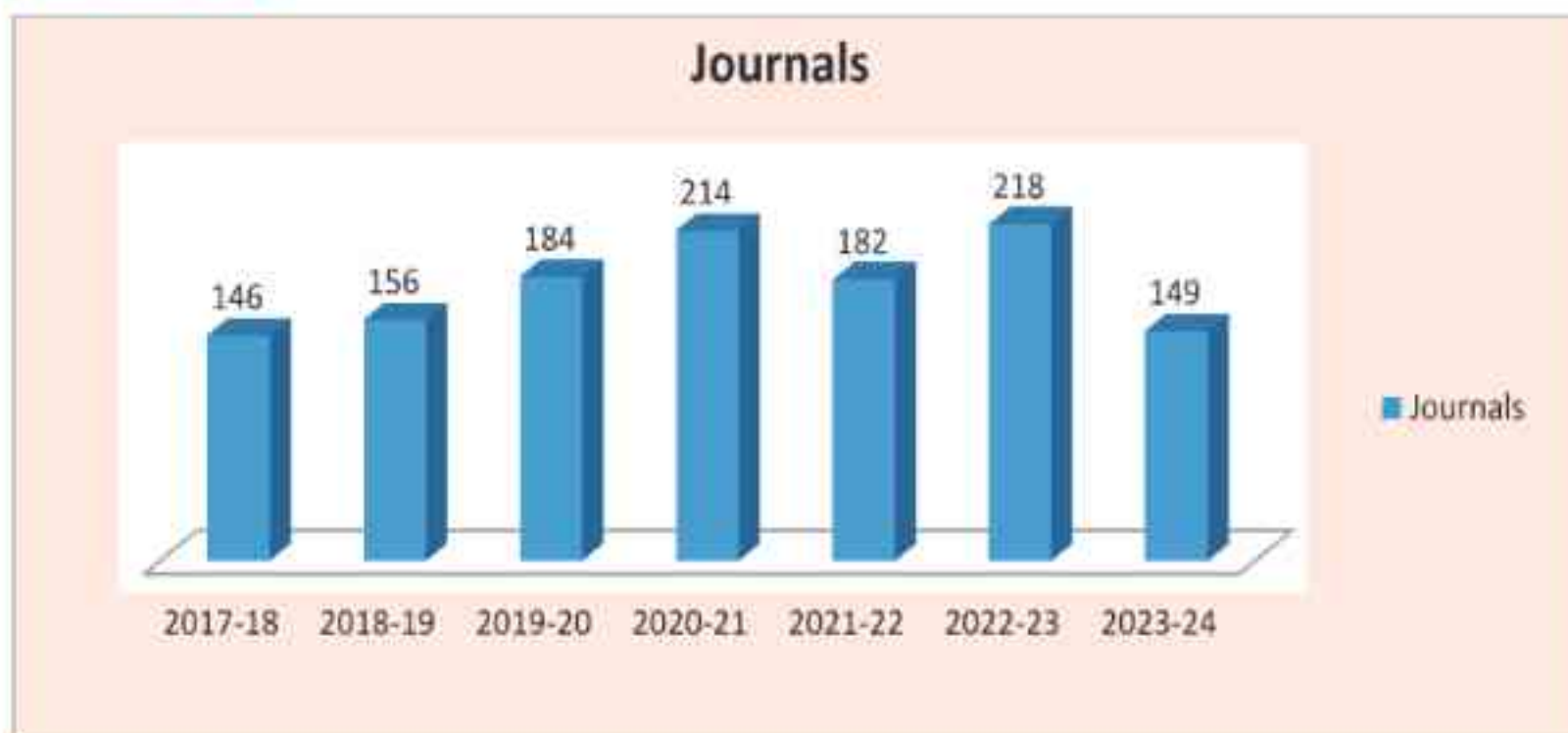
35. Dr. Manu Srivastava, Book : Friction Stir Welding and Processing, Wiley," <https://doi.org/10.1002/9781394169467.ch10>, 2024, Sandeep Rathee, Manu Srivastava, J Paulo Davim.

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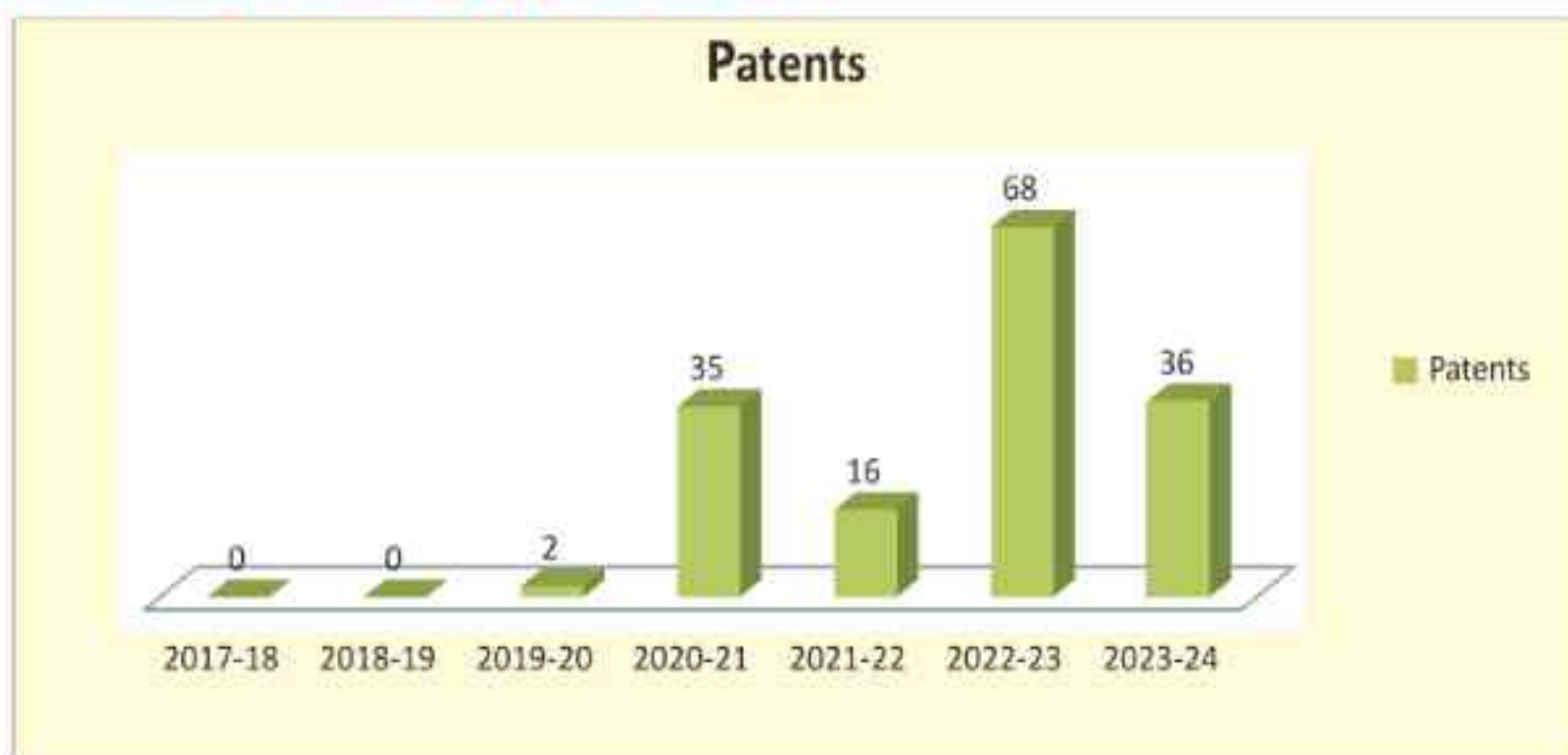
36. Dr. Manu Srivastava, Sample Preparation and Microstructural Characterization of Friction Stir Processed Surface Composites", Wiley, <https://doi.org/10.1002/9781394169467.ch10>, 2024, Manu Srivastava, Sandeep Rathee, Shazman Nabi, Atul Kumar.

34. Dr. Manu Srivastava, "Review of hollow tool for Additive friction stir process", Wiley,

Publications



Patents : Published (17) / Granted (19)



The institute offers following academic programs :

1. Undergraduate Programmes :

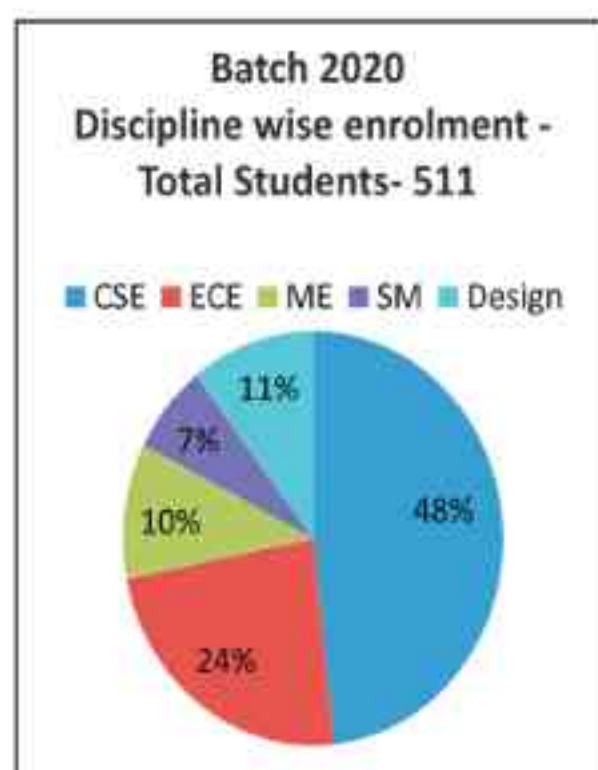
The Institute has a unique undergraduate curriculum for imparting education in the following Discipline of engineering :

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

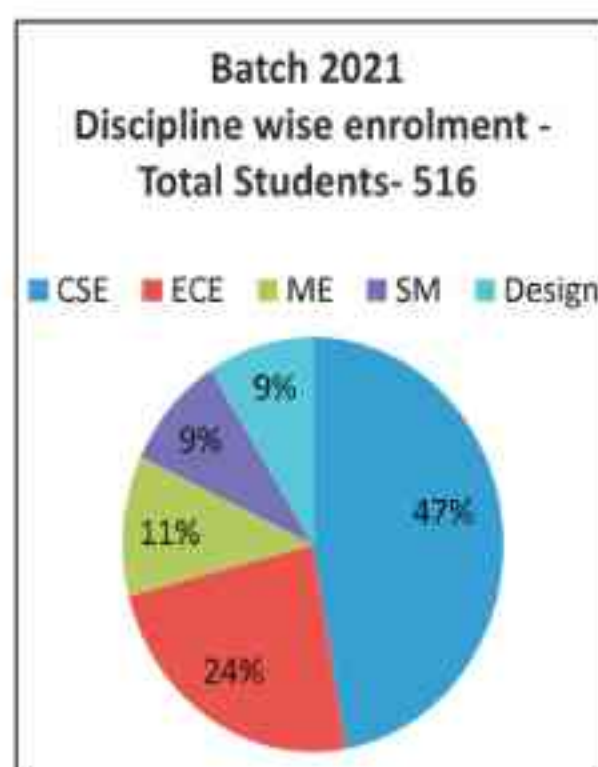
Different statistics related to UG students are as follows :

(I) The details of student enrolment (batch wise) are as follows on academic year 2023-24 :

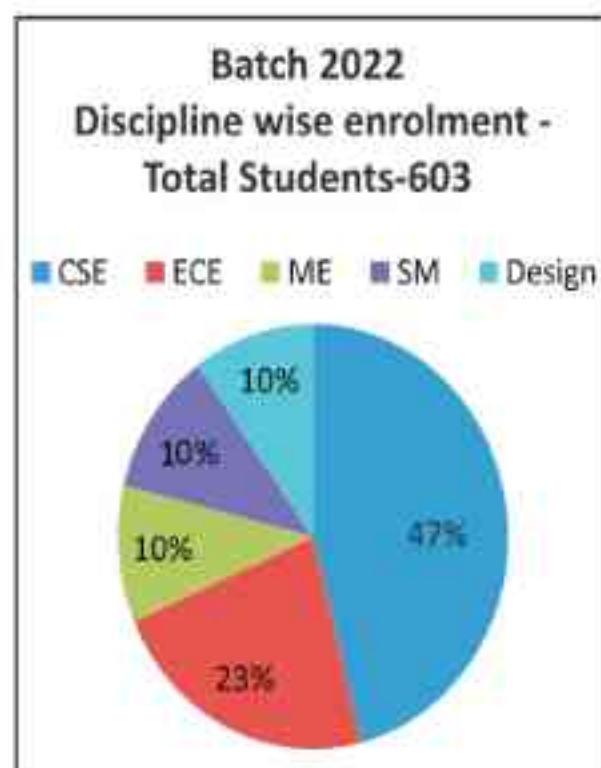
2020 Batch						
Discipline	OP	EWS	OB	SC	ST	Total
CSE	96	33	63	37	17	246
ECE	43	15	35	19	9	121
ME	11	8	23	9	3	54
SM	9	5	11	9	2	36
B.Des.	21	5	16	9	3	54
Total	180	66	148	83	34	511



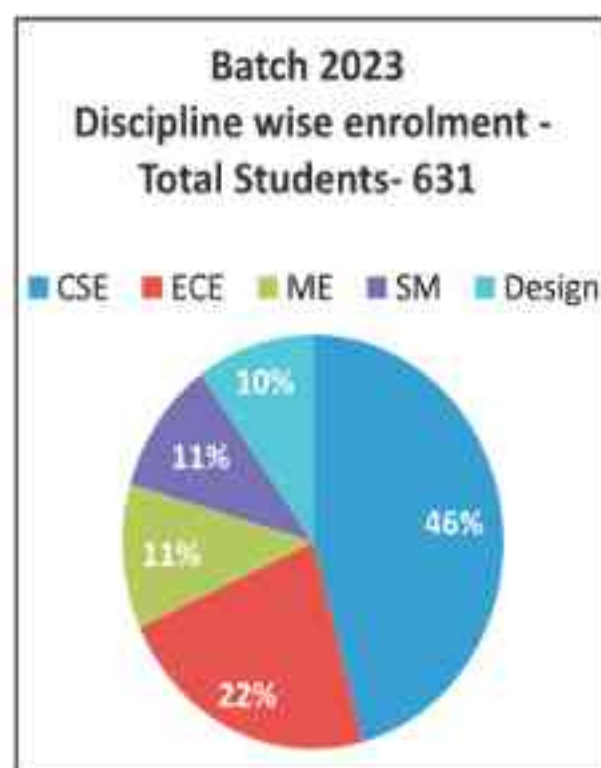
2021 Batch						
Discipline	OP	EWS	OB	SC	ST	Total
CSE	87	37	67	35	17	243
ECE	41	23	32	19	9	124
ME	10	11	22	8	5	56
SM	4	9	21	8	5	47
Design	17	4	12	8	5	46
Total	159	84	154	78	41	516



2022 Batch						
Discipline	OP	EWS	OB	SC	ST	Total
CSE	106	39	77	39	20	281
ECE	42	25	42	21	10	140
ME	15	9	19	9	5	57
SM	18	9	19	11	4	61
Design	25	6	18	7	2	58
Total	212	88	175	87	41	603



2023 Batch						
Discipline	OP	EWS	OB	SC	ST	Total
CSE	123	26	73	41	21	284
ECE	68	13	38	21	10	150
ME	28	7	20	11	4	70
SM	27	6	18	10	4	65
Design	22	8	16	12	4	62
Total	268	60	165	95	43	631

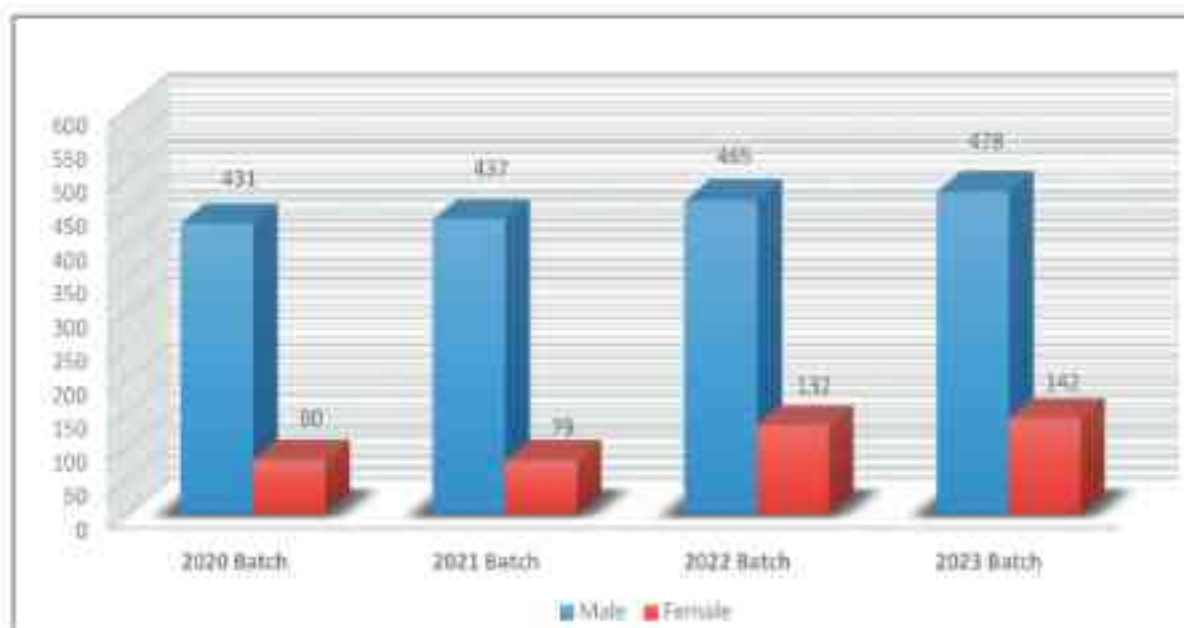


(II) For B.Tech. Programme - Academic Performance Evaluation Committee Report

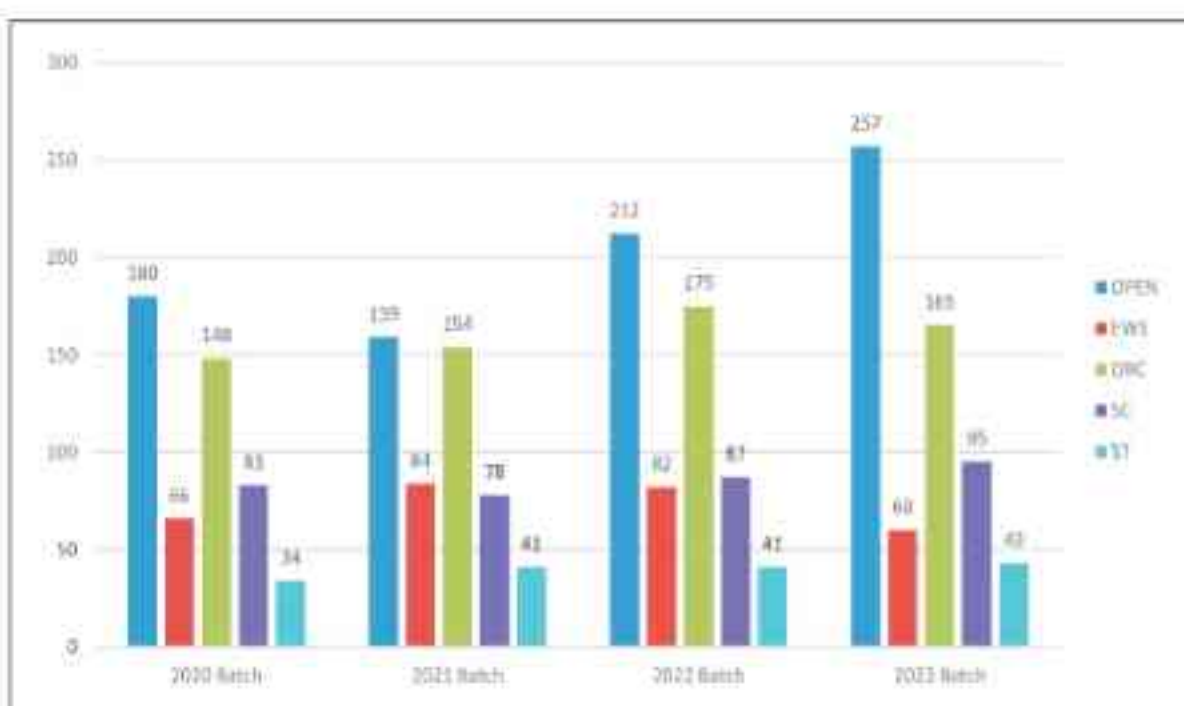
Undergraduate Semester I (2022-23)

Batch	No. of Register Students	No. of students Passed	No. of Students Terminated/Withdrawal
2020	512	511	1 (Withdrawal)
2021	521	516	5 (Withdrawal)
2022	604	597	7 (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

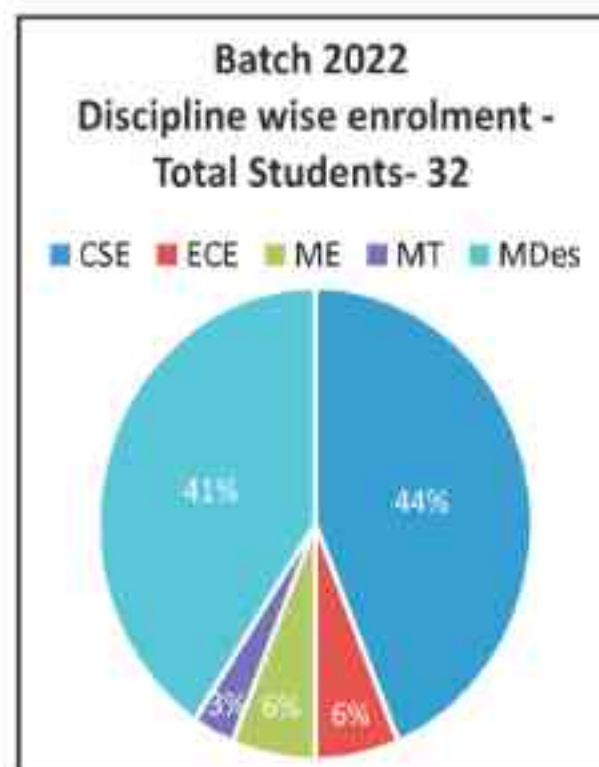
- (iii) Mechanical Engineering (ME)
 - a. Design
 - b. CAD/CAM
 - c. Smart Manufacturing and Automation
- (iv) Mechatronics

II. Master of Design (M.Des.)

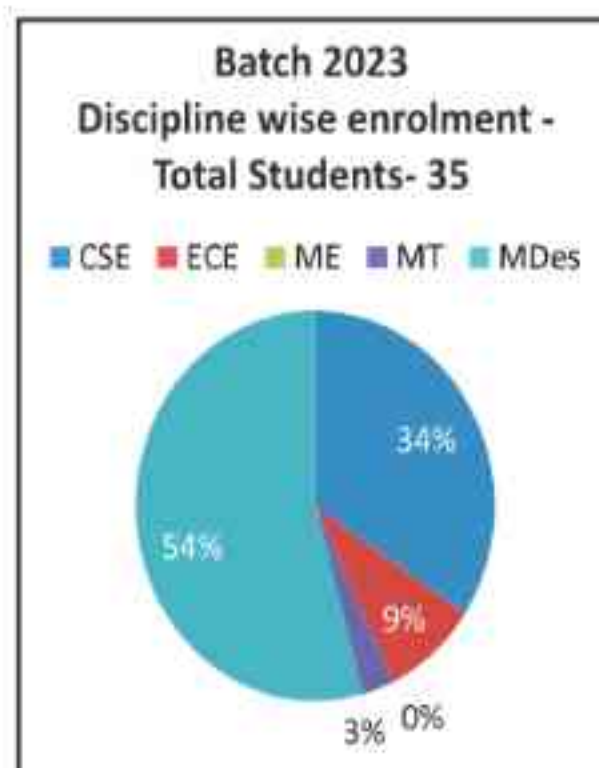
Different statistics related to PG students are as follows :

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

2022 Batch						
Discipline	OP	EWS	OB	SC	ST	Total
CSE	10	1	0	3	0	14
ECE	2	0	0	0	0	2
ME	1	0	1	0	0	2
MT	1	0	0	0	0	1
Mdes	4	0	3	5	1	13
Total	18	1	4	8	1	32



2023 Batch						
Discipline	OP	EWS	OB	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

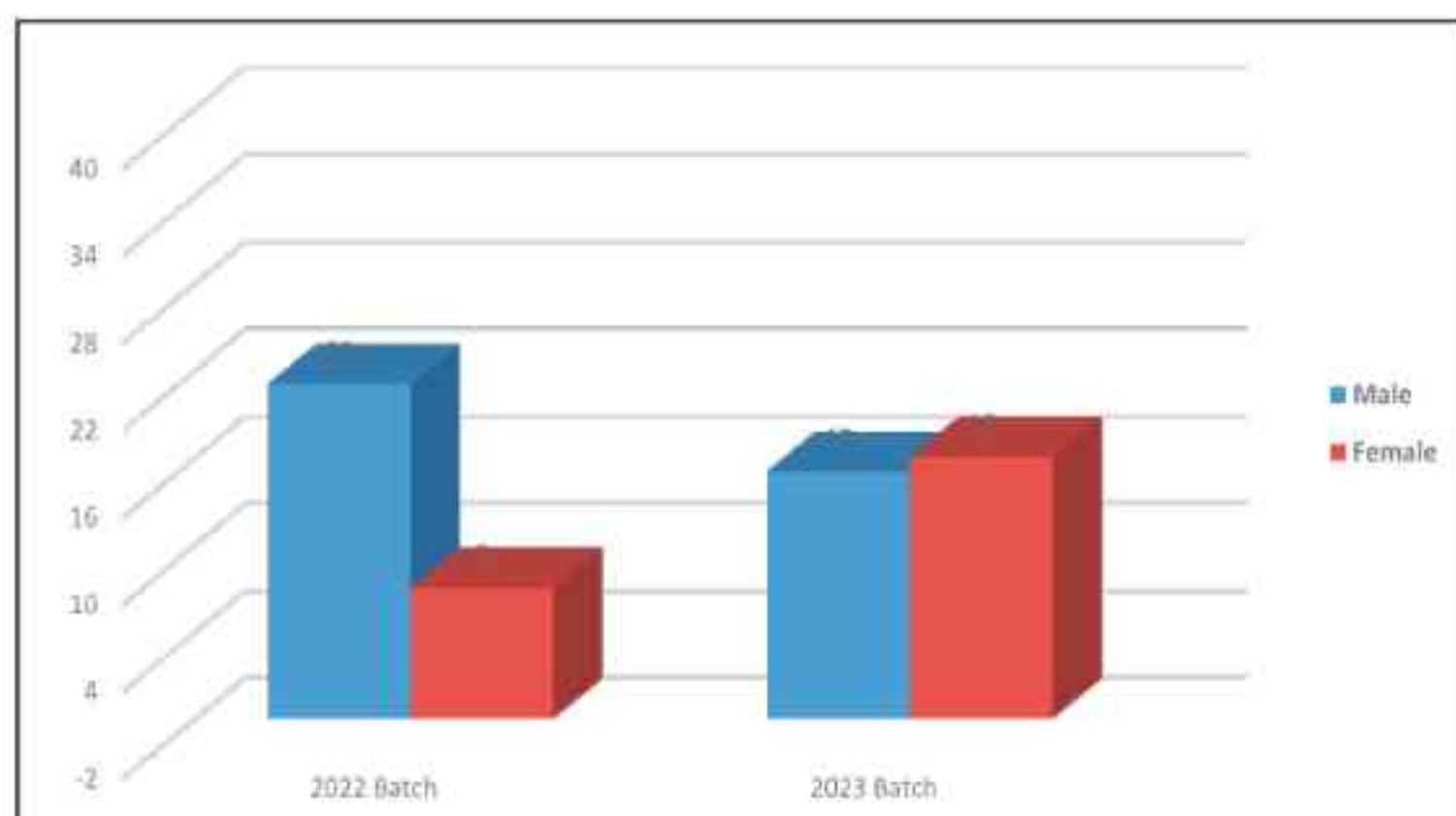


(II) Postgraduate - Academic Performance Evaluation Committee Report

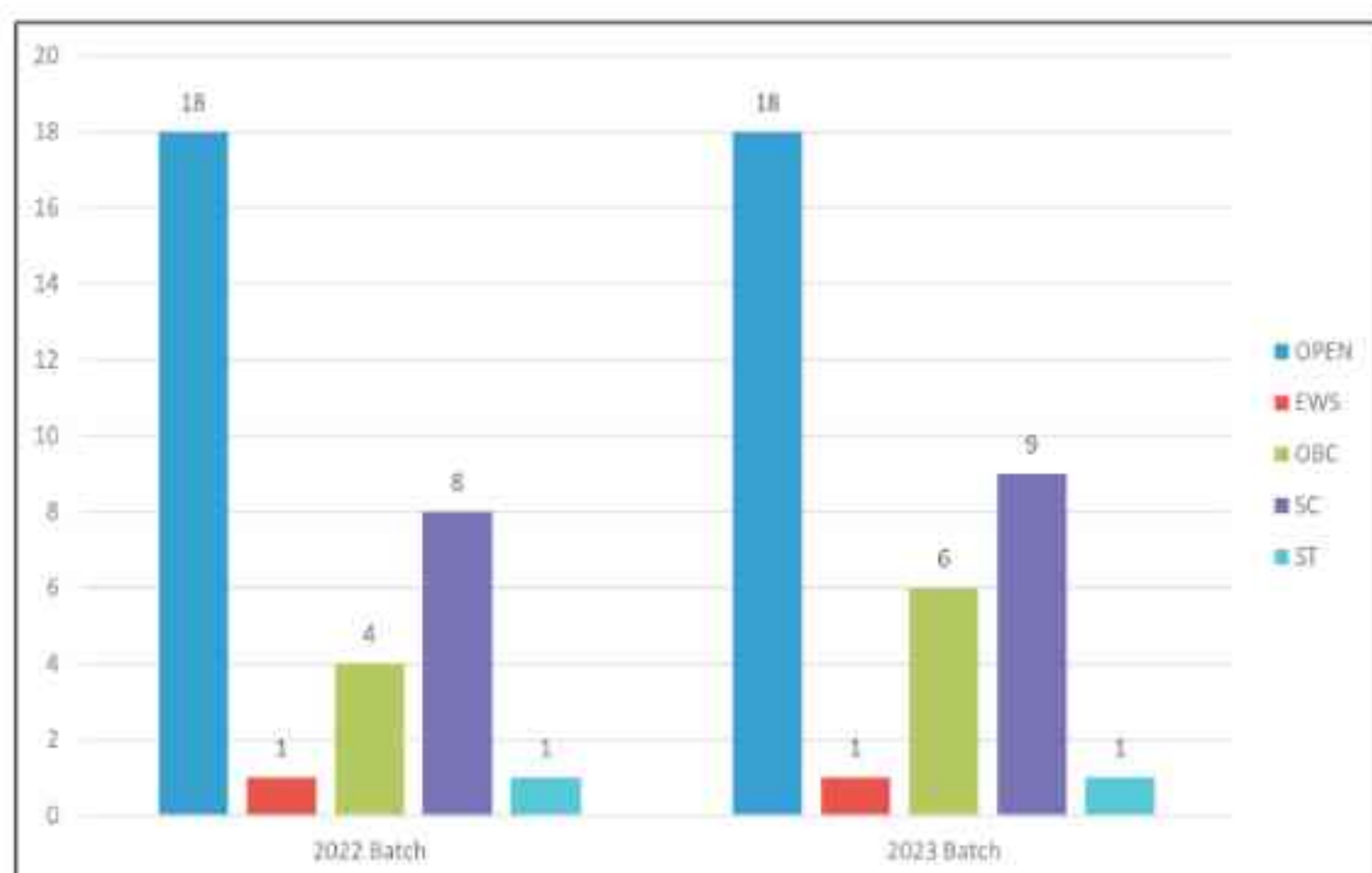
Post Graduate Semester II (2021-22)

Batch	No of Student	No of Pass	No of Terminated/Withdrawal
2021	57	57	0
2022	33	32	1 (withdrawal)

(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

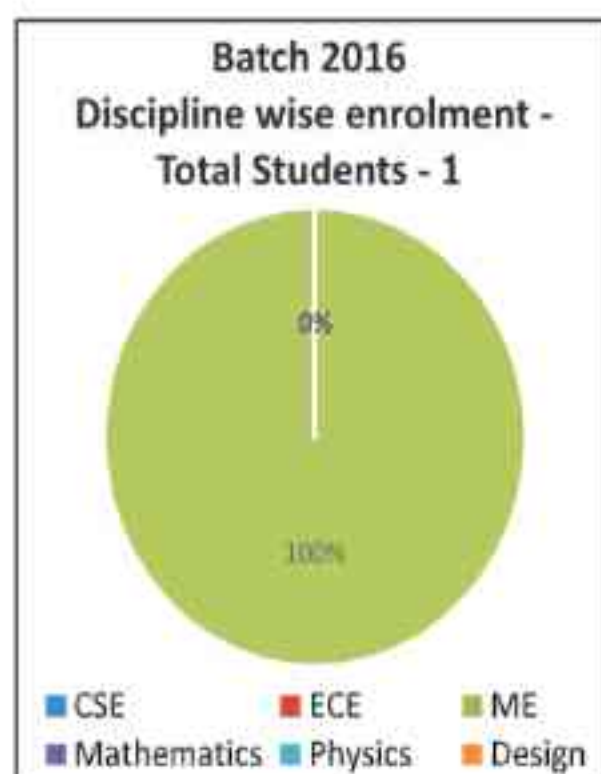
The Institute offers Ph.D. in following Discipline:

- (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)

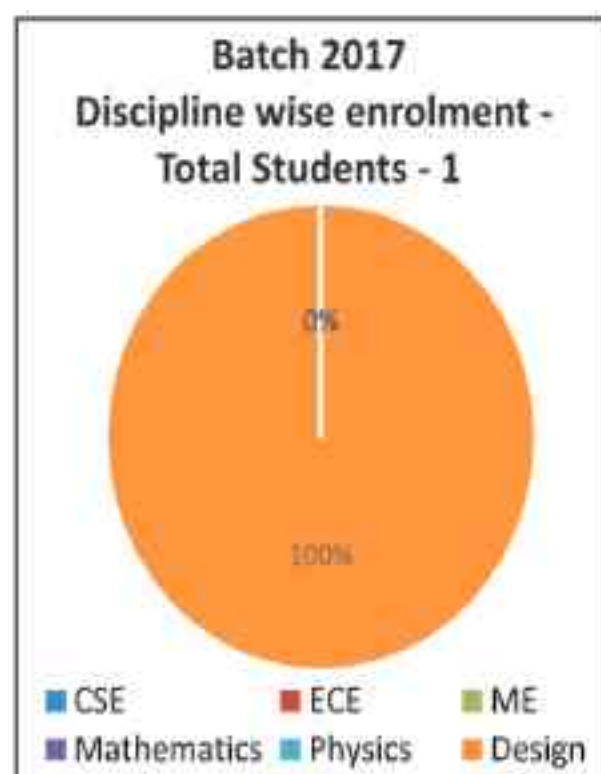
Different statistics related to Ph.D. students are as follows:

(I) Students Enrolment in Ph.D.

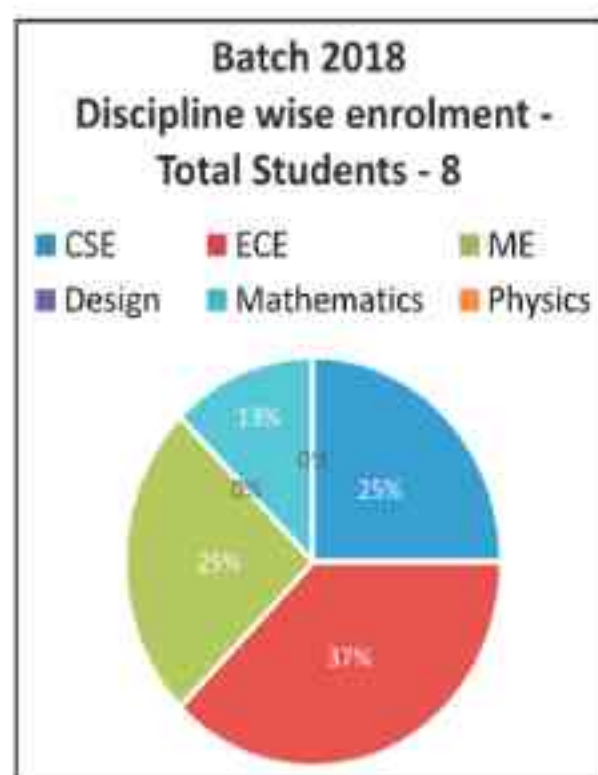
2016 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	0	0	0	0	0	0
ECE	0	0	0	0	0	0
ME	1	0	0	0	0	1
Mathematics	0	0	0	0	0	0
Physics	0	0	0	0	0	0
Design	0	0	0	0	0	0
Total	1	0	0	0	0	1



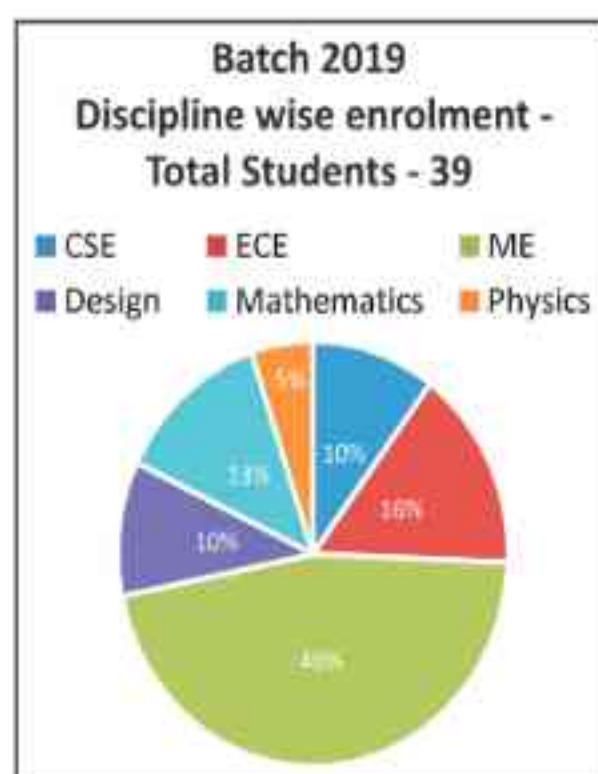
2017 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	0	0	0	0	0	0
ECE	0	0	0	0	0	0
ME	0	0	0	0	0	0
Mathematics	0	0	0	0	0	0
Physics	0	0	0	0	0	0
Design	0	0	1	0	0	1
Total	0	0	1	0	0	1



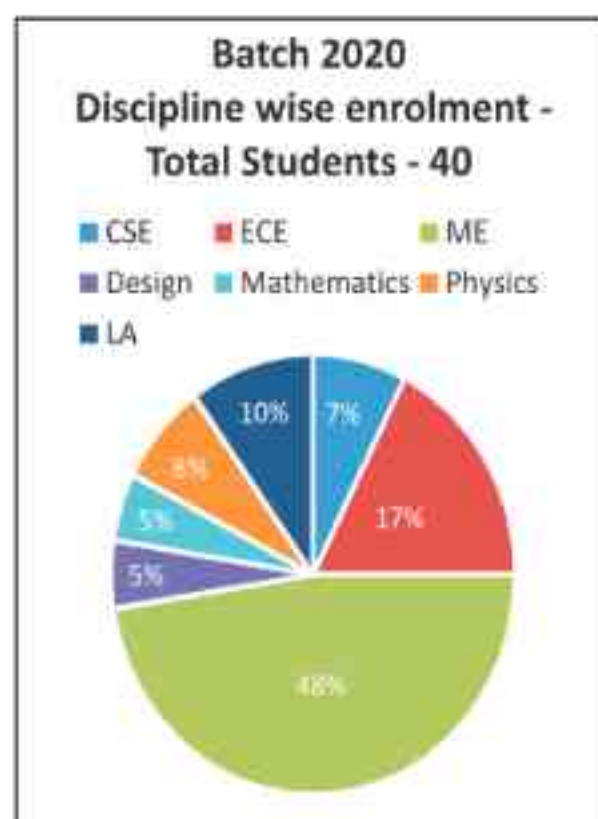
2018 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	2	0	0	0	0	2
ECE	2	0	0	1	0	3
ME	0	0	1	1	0	2
Design	0	0	0	0	0	0
Mathematics	0	0	1	0	0	1
Physics	0	0	0	0	0	0
Total	4	0	2	2	0	8



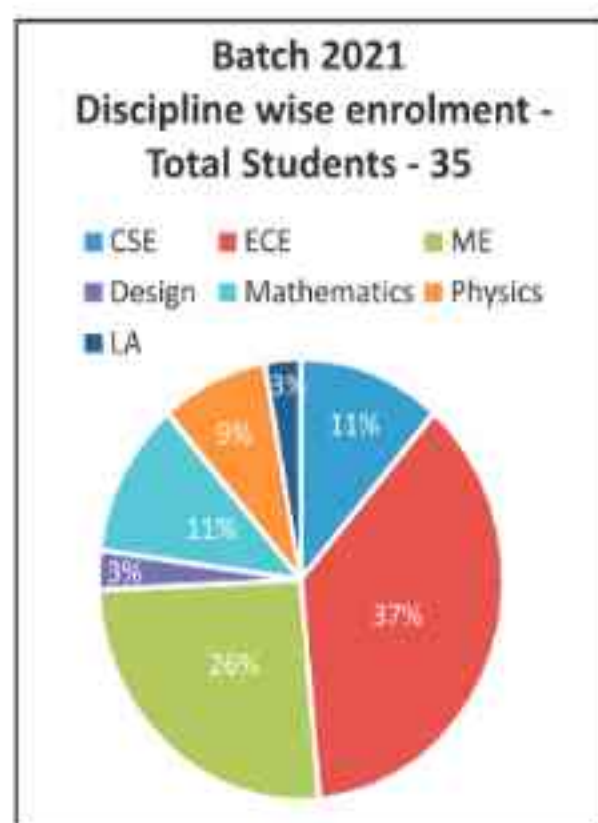
2019 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	3	0	0	1	0	4
ECE	2	0	3	1	0	6
ME	8	0	5	4	1	18
Design	0	0	1	1	2	4
Mathematics	1	0	4	0	0	5
Physics	1	0	1	0	0	2
Total	15	0	14	7	3	39



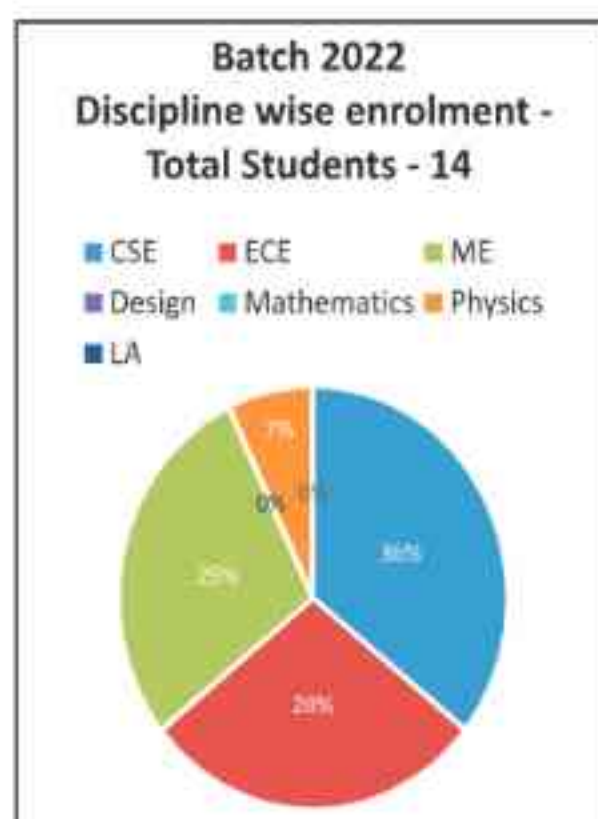
2020 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	1	0	2	0	0	3
ECE	4	0	3	0	0	7
ME	13	0	4	2	0	19
Design	1	0	1	0	0	2
Mathematics	0	1	1	0	0	2
Physics	1	0	2	0	0	3
LA	1	0	3	0	0	4
Total	21	1	16	2	0	40



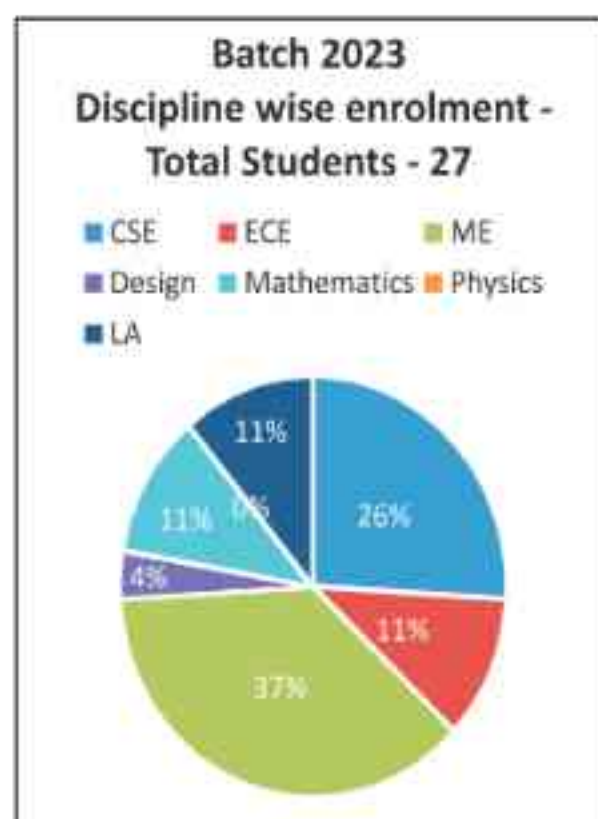
2021 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	3	0	1	0	0	4
ECE	5	1	5	2	0	13
ME	6	1	2	0	0	9
Design	0	0	1	0	0	1
Mathematics	1	1	1	1	0	4
Physics	2	0	0	1	0	3
LA	1	0	0	0	0	1
Total	18	3	10	4	0	35



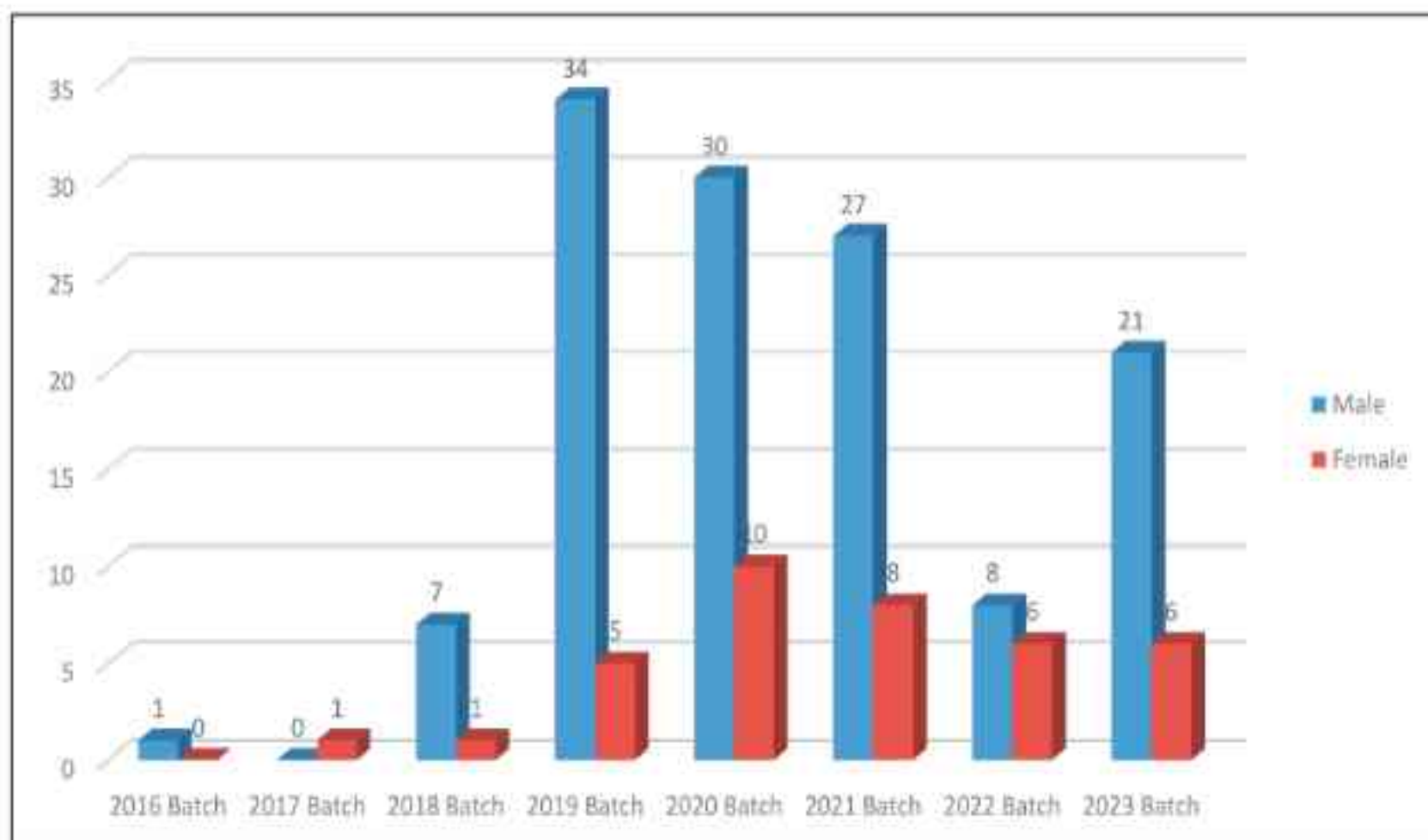
2022 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	3	0	1	1	0	5
ECE	4	0	0	0	0	4
ME	3	0	1	0	0	4
Design	0	0	0	0	0	0
Mathematics	0	0	0	0	0	0
Physics	1	0	0	0	0	1
LA	0	0	0	0	0	0
Total	11	0	2	1	0	14



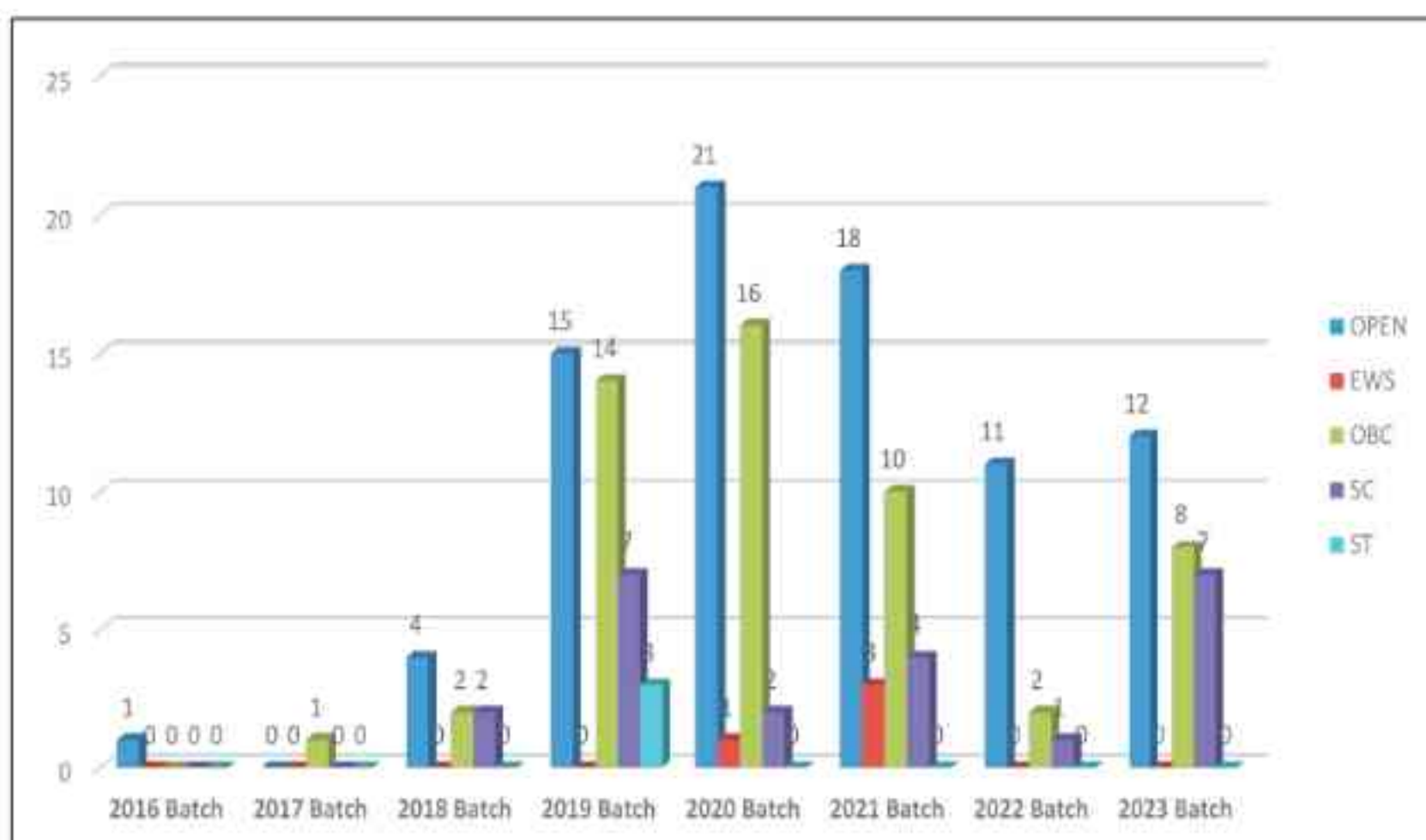
2023 Batch						
Discipline	OPEN	EWS	OBC	SC	ST	Total
CSE	4	0	1	2	0	7
ECE	1	0	2	0	0	3
ME	4	0	3	3	0	10
Design	0	0	0	1	0	1
Mathematics	2	0	1	0	0	3
Physics	0	0	0	0	0	0
LA	1	0	1	1	0	3
Total	12	0	8	7	0	27



(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 2023

A total number of 413 degrees were awarded. Branch / Programme wise details are as follows:-

Bachelor of Technology (B.Tech.)

Sr. No.	Discipline	Total
1.	Computer Science & Engineering	123
2.	Electronics & Communication Engineering	122
3.	Mechanical Engineering	102
4.	B.Des.	23
	Total	370

Master of Technology (M.Tech.)

Sr. No.	Discipline	Total
1.	Computer Science & Engineering	17
2.	Electronics & Communication Engineering	7
3.	Mechanical Engineering	6
4.	Mechatronics Engineering	2
5.	Master of Design	24
	Total	56

Doctor of Philosophy (Ph.D.)

Sr. No.	Discipline	Total
1.	Computer Science & Engineering	3
2.	Electronics & Communication Engineering	8
3.	Mechanical Engineering	9
4.	Natural Science (Mathematics)	1
5.	Natural Science (Physics)	0
	Total	21

Dual Degree (Mtech. + Ph.D.) :

Sr. No.	Discipline	Total
1.	Computer Science & Engineering	2

Financial Year 01/04/2023 to 31/03/2024

(I) Institutional Projects

S. No.	Project Title	Duration	Investigator	Funding Agency	Total Sanctioned Amount Rs. in Lakh	Status
1.	Electronics & ICT Academy	2015-23	Chief Investigator: Prof. Aparajita Ojha, Co-Chief Investigators: Prof. V.K. Gupta, Prof. P.N. Kondekar, Dr. Atul Gupta, Dr. P.K. Jain	Ministry of Communications and Information Technology, DEIT HRD Division	2,500.00	Completed
2.	National Initiative for setting up DIC Hub/Spoke Model	2016-23	Coordinators : Prof. Tanuja Sheorey and Dr. 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.	Smart Manufacturing and Condition Monitoring	2018-23	PI: Prof. Vijay K Gupta , Co-PI: Prof. P.Tandon	DST-FIST	194.40	Ongoing
2.	Scientific and Industrial Applications of Bio convection Via Mathematical Modelling	2019-23	PI: Dr. Manoj Kumar Panda, CoPIs: Dr. A.C. Mishra & Dr. G. Dutta	CSIR	14.41	Completed
3.	Investigation of sp2/sp3 edge functionalized GaNnanoribbons for spintronic device applications	2019-23	PI: Dr. Neeraj Kumar Jaiswal	SERB	21.44	Completed
4.	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	Ongoing
5.	Ergonomic Intervention In the Classroom Environment for Enhanced Learning	2020-23	PI: Dr. Prabir Mukhopadhyay	NCERT	07.98	Ongoing
6.	MI studies of electrodeposited nickel based thin film alloys for low magnetic field sensor application	2020-23	PI: Dr. Amresh Chandra Mishra	BRNS	25.15	Completed
7.	Design and Development of ADHAAR (Autonomous Drone for Himalayan region Analysis	2021-24	Co-PI: Dr. Irshad Ahmad Ansari	JCBRO	0.88	Transferred
8.	Investigation of Computational Intelligence Capabilities for Digital Signal Protection	2021-24	PI: Dr. Irshad Ahmad Ansari	STEM Research Society	2.05	Transferred
9.	Low Profile Dielectric Resonator Antennas for Compact, Wideband and Conformal Applications	2021-24	PI: Dr. Biswajeet Mukherjee	SERB	26.07	Ongoing
10.	Computer Aided Design For Development of Hardware Prototype for Diagnosis of Diabetes Using ECG Signals	2021-24	PI: Dr. Varun Bajaj	CSIR	6.97	Completed

11.	Development of Fresh Water Pearl Culture Unit Based On IoT-Data Analytics	2021-23	PI: Dr. Munesh Singh	DST	8.90	Ongoing
12.	Bot Prevention in Cyber Physical Systems	2021-23	PI: Dr. Neelam Dayal, CoPI: Dr. Atul Gupta	IHUB-NTIHAC, IIT Kanpur	35.00	Ongoing
13.	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	Ongoing
14.	Development of Li doped ZnO based electrolyte for low-temperature solid oxide fuel cell (SOFC)	2021-23	PI: Dr. Pankaj Sharma	SERB	32.86	Ongoing
15.	Magnetron Sputtering Deposited Microwave Absorbing Thin Films for Stealth and Electromagnetic Shielding Applications	2021-23	PI: Dr. Ravi Panwar	UGC-DAE, CSR	2.43	Ongoing
16.	Design and Development of Novel High Strength Ultra-Light weight Metal Matrix Nanocomposite Material for Aerospace Application by Hybrid Manufacturing Process	2021-23	PI: Dr. R. Seetharam	SERB	37.78	Ongoing
17.	Study of Specific areas registering high failure rate of distribution transformers to analyze 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	Ongoing
18.	Development of the AI based Technique to Predict the Multiple Defects of the Two-stage Gearbox	2022-25	PI: Dr. V.K.Gupta, CoPI: Dr. Shivdayal Patel	SERB	30.91	Ongoing
19.	"Interface Investigation of β -($A_{1-x}Ga_x$) $2O_3$ /Ga $2O_3$ Heterojunctions for High Electron Mobility Transistor Applications", funded by UGC-DAE CSR	2022-25	PI: Dr. Pankaj Sharma	UGC-DAE, CSR	7.29	Ongoing

• Projects •

20.	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. Vijay Pal Singh Rathore, Dr. Abhishek Verma	TIHAN –IIT Hyderabad	15.70	Ongoing
21.	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	SERB	40.81	Ongoing
22.	Investigation of Quantum Communication in MIMO and cooperative System: A Roadmap for Future Communications.	2023-26	PI: Dr. Atul Kumar	DST-SERB	19.72	Ongoing
23.	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
24.	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
25.	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
26.	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
27.	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

28.	Empowering Girls to reduce the Gender Gap in IT and ITES sectors in south Asia Region : Training and E-Content development programme	2023-24	PI: Prof. A.Ojha, CoPIs: Prof. Pritee Khanna, Dr. Kusum K. Bharti, Dr. Neelam Dayal,	TEIN*Coop. Centre	100.30	Completed
29.	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	Ongoing
30.	Life time reliability analysis and mitigation techniques for high performance digital integrated circuits	2023-25	PI: Dr. Pushpa Raikwal	MPCST	7.90	Ongoing
31.	Design and development of indigenous novel smart hybrid solar dryer for food & agro industries	2023-25	PI: Dr. Tushar Chaudhary	MPCST	8.36	Ongoing
32.	Technique and Toolkit for Analysis of Multifactor Authentication.	2023-25	PI: Prof. Pritee Khanna, CoPI: Dr. Vijaypal Singh Rathore, Prof. A Ojha	DRDO	76.38	Ongoing
33.	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
34.	Development of Reconstruction Techniques for VCG Signals to Enhance Healthcare Systems in Remote Location	2023-26	PI: Dr. Anil Kumar	SERB	20.03	Ongoing
35.	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	Ongoing
36.	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

37.	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
38.	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
39.	An intelligent bot for automated customer perception analysis	2023-25	Dr. Dr. Avinash Chandra Pandey	Routine Clouds Pty. Ltd.	5.61	Ongoing

Financial Year 01/04/2023 to 31/03/2024

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 of statistical and mathematical tools to solve some specific computer vision problems	Dr. Bhupendra Gupta	Brain Programmers (P) Ltd.	50,000/-
2.	Assessment of Friction and Wear in Journal Bearing	Dr. M. Amarnath	Rapsri Engineering Products Company Ltd.	60,000/-
3.	Third Party security audit of computer based test (CBT)	Dr. Munesh Singh	West Central Railways Jabalpur	87,438/-
4.	Load forecasting System for MP SLDC, MPPTCL Jabalpur	Dr. S.K. Jain & Dr. V.K. Jain	SLDC, MPPTCL, Jabalpur	1,42,780/-
5.	Development and Deployment of Load forecasting software, for SLDC, Orissa	Dr. V.K. Jain and Dr. S.K. Jain	SLDC, OPTCL, Bhubaneswar, Orissa	7,37,500/-

• Faculty Achievements •

S. No.	Name	Awards / Achievements	Details	Awarded By	Date
1.	Dr. Munesh Singh	IEEE Senior Member	IEEE Senior Member Elevation	IEEE	29 Apr. 2023
2.	Dr. Amit Vishwakarma	Editorial Board as Section Editor	"Imaging and Radiation Research" (ISSN 2578-1618)	Managing editor	18 July 2023
3.	Dr. Amit Vishwakarma	Editorial Board as Section Editor	"Computing Systems Engineering"	Managing editor	16 Nov. 2023
4.	Dr. Amit Vishwakarma	Editorial Board as Section Editor	Medical Imaging Process & Technology" (ISSN 2578-160X)	Managing editor	11 July 2023
5.	Prof. Puneet Tandon	Achievement	Topic Chair, ASME International Mechanical Engineering Congress & Exposition (IMECE) 2023	ASME IMECE	29 Oct. 2023
6.	Prof. Vijay Kumar Gupta	Member, BoS	Department of Mechatronics Engineering	Engineering College Jabalpur, MP	29 Dec. 2023 onwards
7.	Prof. Vijay Kumar Gupta	Member Program Committee	6th International and 21st National Conference on Machines and Mechanisms	NIT Raipur	07-09 Dec. 2023
8.	Dr. Manu Srivastava	Distinguished author for authored book on Additive manufacturing	Felicitated in a national level gathering of 80 villages and districts at Baraut	JPS; Baraut; UP	04 July 2023
9.	Dr. Manu Srivastava	Regional Editor for India: International Journal of Experimental Design & Process Optimisation	An international research collaboration initiative	Inderscience Publishers	26 May 2023
10.	Dr. Y. S. Katharria	Achievement	Academic Editor for "Nanomaterials and Nanotechnology" Journal	Wiley Publisher	5 March 2024

1. Prof. Vinod Kumar Jain, Technical Program Committee Chair, Conference on Information and Communication Technology (CICT 2018), PDPN-IIITDM Jabalpur, IEEE, All IITs, 15-17 December 2023.
2. Ayan Seal, Track Chair, COMSYS 2023, IIT Mandi, 16th - 17th October 2023.
3. 2023 Seventh IEEE Conference on Information and Communication Technology (IEEE CICT-2023), Conference Chair, IEEE CICT2023, PDPN IIITDM Jabalpur, IEEE, December 15-17, 2023.
4. Prof. Puneet Tandon, Member, Advisory Committee, National Conference on Outcome Based Education-Perspectives and Practices, Thapar Institute of Engineering & Technology (TIET), Patiala, India, Thapar Institute of Engineering & Technology (TIET), Patiala, India, 17-19 April 2023.
5. Prof. Puneet Tandon, Topic Chair, ASME International Mechanical Engineering Congress & Exposition (IMECE) 2023, New Orleans Ernest N. Morial Convention Center, New Orleans, LA, USA, ASME IMECE, 29 October - 2 November, 2023.
6. Prof. Puneet Tandon, Member, International Organizing Committee – Asia, CAD'23 - The 20th International CAD Conference (<https://cad-conference.net/organization.html#Y1lGMXbP3D4>), Metropolitan Autonomous University, Cuajimalpa, , Mexico City, MEXICO, CAD Conferences, 10-12 July 2023.
7. Dr. Jitendar Kumar Tiwari, Convenor, Additive Manufacturing of Metallic Alloys and Composites: Academic and Industrial Perspective" April 11-13, 2023 (Virtual Mode). , Jabalpur, IIITDM Jabalpur, 11 -13th April 2023 (3 days).
8. Dr. Y. S. Katharria, Convenor, National Conference on Recent Trends in Physical Sciences, IIITDMJ, IIITDMJ, Feb. 28, 2024.
9. Dr. LK Balyan, Convenor, International Symposium on Mathematical Sciences and Applications, IIITDM Jabalpur, IIITDM Jabalpur, December 22, 2023.
10. Dr. Neeraj K. Jaiswal, Organizer, Emerging Nanomaterials for Technological Applications, IIITDM Jabalpur, DST SERB, 16 May 23.

Keynotes

1. Graph Clustering, "International Conference on Machine Learning, Optimization and Data Science", Department of Computer Science and Engineering, Baderia Global Institute of Engineering and Management, Jabalpur, 2nd March 2024.
2. Prof. Vijay Kumar Gupta, Invited Talk, RNT University Raisen Bhopal, Empowering Communities with Micro Energy - Impact of Small Scale Solutions on Sustainable Development, Online, April 28, 2023.
3. Prof. Vijay Kumar Gupta, Expert Talk, AICTE IDE Bootcamp 2023, Ergonomics in product design and development, IISER Bhopal, June 23, 2023
4. Prof. Vijay Kumar Gupta, Expert Talk, NIT Hamirpur, Micro Energy Harvester: Small Scale Solutions on Sustainable Development, Online, December 28, 2023.

• Conference Organised •



5. Dr. Prashant K. Jain, Key note lecture, Additive Manufacturing: Challenges, Applications and Future, International Conference on Mechanical Engineering and Technology, Department of Mechanical Engineering, NIT Kurukshetra, March 1-3, 2024.
6. Dr. Manu Srivastava, Integration of Additive Manufacturing as a key pillar of Industry 4.0. , Wire Arc Additive Manufacturing, IIT Indore, 30 June 2023.
7. Dr. Deepmala, GGITS Jabalpur, Artificial Intelligence in Mathematical Modeling with Applications, GGITS, Jabalpur, 18 May 2023.

• Events Organized •

S. No.	Name	Event Type	Name of Event	Sponsoring Agency	Venue	Role	Start Date	End Date
1.	Prof. Pritee Khanna and Dr. Gajendra Sharma, Kathmandu University, Nepal	Skill Development Programme	Skill Development Program on "Artificial Intelligence and Machine Learning"	Asi@Connect	On-line mode	Coordinator	19 June 2023	27 June 2023
2.	Prof. Aparajita Ojha and Prof. Pritee Khanna	Faculty Development Program	Capacity Building Program on "Artificial Intelligence and Machine Learning"	Asi@Connect	On-line mode	Coordinator	10 March 2023	23 March 2023
3.	Prof. Pritee Khanna and Prof. A. B. M. Alim Al Islam, Bangladesh University of Engineering and Technology, Bangladesh	Faculty Development Program	Capacity Building Program on "ICT Tools for Teaching and Research"	Asi@Connect	On-line mode	Coordinator	05 Dec. 2022	17 Dec. 2023
4.	Prof. A. Ojha and Dr. Neelam Dayal	Capacity Building Program	CBP on Blockchain Technology and Applications	Asi@Connect	Online	Co-coordinator	15 June 2023	24 June 2023
5.	Dr. Pushpa Raikwal	IEEE WIE Chapter	Opportunities for Women in Engineering	IEEE	PDPM IIITDM Jabalpur	Advisor	29 March 2024	29 March 2024
6.	Prof. Vijay Kumar Gupta	Internship	Robotics and AI in Agriculture	PDPM IIITDMJ	IIITDM Jabalpur	Coordinator	03 Sep. 2023	06 Oct. 2023
7.	Dr. Manu Srivastava	GOND art workshop	SPIC Macay Event	PDPM IIITDMJ	PDPM IIITDMJ	Coordinator	30 Oct. 2023	02 Nov. 2023
8.	Dr. Manu Srivastava	Nature's trail	SPIC Macay Event	PDPM IIITDMJ	PDPM IIITDMJ	Coordinator	26 Nov. 2023	26 Nov. 2023
9.	Dr. Mamta Anand	IYD-23	IYD 2023	PDPM IIITDMJ	PDPM IIITDMJ	Com. member	15 June 2023	21 June 2023

Invited Talks and Expert Lectures

S. No.	Name	Presentation Type	Organization Name	Title	Date
1.	Prof. Pritee Khanna	Expert Lecture	Shri Mata Vaishno Devi University, J&K, India	Data Preprocessing	28 Feb. 2024
2.	Prof. Pritee Khanna	Expert Lecture	NIT Kurukshetra	Deep Learning Architectures for Intelligent Vision	12 Aug. 2023
3.	Prof. Pritee Khanna	Expert Lecture	PDPM IIITDM Jabalpur	Deep Learning and Convolutional Neural Network	24 June 2023
4.	Prof. Pritee Khanna	Expert Lecture	PDPM IIITDM Jabalpur	Database, Database Design, and Query Languages	29 May 2023
5.	Dr. Satish Kumar Tiwari	FDP	VIT Chennai	Molecular Communication for Internet of Bio-Nano Things	15 March 2024
6.	Dr. D.P. Samajdar	Invited Talk	RCOEM Nagpur	How to write a research grant proposal	05 April 2023
7.	Dr. D.P. Samajdar	Invited Talk	Bansal Institute of Technology, Bhopal	Tri-gate Negative Capacitance FinFET (NC-FinFET) for Low Power Electronics: Simulation and Modelling	05 Dec. 2023
8.	Prof. Puneet Tandon	Invited Talk	MNNIT Allahabad	Hybrid Manufacturing	06 Sep. 2023
9.	Prof. P.K. Jain	Expert talk	Department of Mechanical Engineering Maulana Azad National Institute of Technology, Bhopal	Recent Research Trends and Software Solutions for 3D Printing	3-9 July 2023
10.	Prof. P.K. Jain	Expert talk	Department of Mechanical Engineering, Acropolis Group of institutes Indore	Software Solutions for 3D Printing	24-29 July 2023
11.	Prof. P.K. Jain	Expert talk	Department of Mechanical Engineering Shreeyash College of Engineering & Technology, Aurangabad	Modern developments in Additive Manufacturing in the era of Industry 4.0	11-16 Dec. 2023
12.	Prof. P.K. Jain	Expert talk	Department of Electronics and Communication, Oriental Institute of Science and Technology, Bhopal	Recent Research Trends and Programming Skills for 3D Printing	25 to 30 Dec. 2023
13.	Dr. Shivdayal Patel	Keynote Lecture (FDP)	M.B.M. Engineering College Jai Narain Vyas University, Jodhpur	Finite Element Analysis of Structural Dynamics	20 Aug. 2023

• Invited Talks and Expert Lectures •

14.	Dr. Shivdayal Patel	Invited Lecture	SRM College	Introduction of Finite Element Analysis and Software based Application	23 to 26 Dec. 2023
15.	Dr. Tushar Choudhary	Offline	MANIT Bhopal,	Hybrid Electric Vehicles and Alternative fuels-"Fuel cell technology and it's integration strategies: An sustainable approach towards hybridization"	13 June 2023
16.	Dr. Tushar Choudhary	Online	G H Raison College of Engineering	Fuel cell Technology and Its integration	26 Sep. 2023
17.	Dr. Tushar Choudhary	Online	NIT Hamirpur	Fuel cell Technology and it's integration strategies: A sustainable Approach towards Hybridization	28 Dec. 2023
18.	Dr. Manu Srivastava	Expert Talk	Vehant Technologies, Noida	Trends and applications in Additive Manufacturing	15 June 2023
19.	Dr. Manu Srivastava	Expert Talk	Vehant Technologies, Noida	Technological Development of Rehabilitation Robotics	09 March 2023
20.	Dr. Jitendar Kumar Tiwari	Oral	Dayanand Sagar University, Department of Aerospace Engineering	3D printing of functionally graded materials for aerospace and engineering applications	01 June 2023
21.	Dr. Manish Kumar Thakur	Invited talk	NIT Jamshedpur	SERB-sponsored Karyashala workshop on Development of Nano-Robots and Their Potential Applications.	15 to-21 March 2024
22.	Dr. Tripti Singh	Guest Faculty, UG Bridge Programme	NIFT New Delhi	Research Methodology	8 July - 03 Aug. 2023
23.	Dr. Prabir Mukhopadhyay	Expert Lecture	National Institute of Design, Ahmedabad	Body and Space	4-5 July 2023
24.	Dr. Mamta Anand	World Bank Lecture	Govt. Mahakoshal Arts College	Communication Strategies	7 Dec. 2023

Patent Published (FY - 2023-24)

S. No.	Title	Name of Inventor	Application No.	Date of Filing	Year of Filing	Date of Published	Year of Published
1.	A Personal Mobility Vehicle And Its Method To Operate Thereof	Mr. Anshuk Asimeet Pani Dr. Amrita Bhattacharjee	202321018150	17-Mar-23	2023	16-Jun-23	2023
2.	A System And Method For Recording Student Attendance Using Wireless Networking Technology	Dr. Abhishek Verma Dr. Harsh Mohan Yadav Mr. Yash Sahu Mr. Janmesh Kumar Mr. Vidit Jain Mr. Mahee Sankhala Mr. Yash Goel	202321034075	15-May-23	2023	16-Jun-23	2023
3.	An Adjustable Orthotic Knee Brace	Mr. Manish Shukla Prof. Vijay Kumar Gupta	202321035669	23-May-23	2023	30-Jun-23	2023
4.	A Representation-Based Learning System For Diabetes Detection Using Ecg Signal And A Method Thereof	Dr. Varun Bajaj Mr. Kapil Gupta	202321037352	30-May-23	2023	30-Jun-23	2023
5.	A Handheld Multipurpose Kitchen Grater, Slicer And Mixer.	Dr. Amrita Bhattacharjee Mr. Vinu Vimal V J	202221001817	12-Jan-22	2022	14-Jul-23	2023
6.	Mobility Assisting Device And Method Of Configuring Thereof	Mr. Ankit Basak Dr. Prabir Mukhopadhyay	202221004009	24-Jan-22	2022	28-Jul-23	2023
7.	An Automated Ammonia Testing System For Freshwater Aquaculture	Dr. Munesh Singh Dr. Vijaypal Singh Rathor	202321045617	7-Jul-23	2023	22-Sep-23	2023
8.	Moisture Detection System For Detecting Moisture Content Of Stored Grains And Method Of Its Operation Thereof	Dr. Manish Kumar Bajpai Dr. Kusum Kumari Bharti Mr. Abhishek Dubey Mr. Abhijeet Singh Mr. Bommana Boina Abhignya Ms. Tanisha Pandey Mr. Aditya Kumar	202321053400	9-Aug-23	2023	6-Oct-23	2023
9.	A Human Powered Light Emitting Gun Toy	Mr. Saad Ahmed Shaikh Dr. Amrita Bhattacharjee	202321059918	6-Sep-23	2023	13-Oct-23	2023
10.	A Vacuum Compatible Extruder Head	Prof. Prashant Kumar Jain Mr. Rahul Kumar Choubey Mr. Gourav Kumar Sharma	202321060613	8-Sep-23	2023	20-Oct-23	2023

11.	Anthropometrically Designed Interactive Furniture For Humans To Reduce Musculoskeletal Disorders (Msd)	Ms. S Pavani Dr. Prabir Mukhopadhyay	202321053765	10-Aug-23	2023	24-Nov-23	2023
12.	An Electronic Device For Managing Calls And A Method Thereof	Prof. Pravin Neminath Kondekar Mr. Aman Kushwaha	202321054167	11-Aug-23	2023	24-Nov-23	2023
13.	A Wax Thread Extractor Machine For Extracting Wax Thread	Mr. Avinash Sahu Mr. Rajat Kamble Dr. Sangeeta Pandit	202321072375	23-Oct-23	2023	24-Nov-23	2023
14.	Dual-Axis Solar Tracking System	Dr. Dip Prakash Samajdar Mr. Ekansh Agarwala Mr. Abhijit Das Mr. Amit Kumar Mr. Arham Ali Khan Mr. Aabhas Tejasvi	202321074226	31-Oct-23	2023	8-Dec-23	2023
15.	A Sensor Based System For Real Time Three Dimensional Positioning Of Crane Hook And Method Thereof	Prof. Vijay Kumar Gupta Ms. Ashi Mr. Siddharth Rama Sushil Mr. Salunkhe Mandar Ulhas Mr. Ayush Kumar Mr. Manan Jethwani Mr. Sudarshan Singh Maan	202321075984	7-Nov-23	2023	15-Dec-23	2023
16.	An Interactive Educational Setup	Mr. Saad Ahmed Shaikh Dr. Amrita Bhattachrjee	202321085533	14-Dec-23	2023	12-Jan-24	2024
17.	Wi-Fi Geofencing System For Uav Tracking And Activity Monitoring In Restricted Perimeter	Dr. Vijaypal Singh Rathor Dr. Munesh Singh	202421007285	2-Feb-24	2024	1-Mar-24	2024

Patent Granted (FY-2023-24)

S. No.	Name of Inventor	Application Number	Title	Date of filing	Date of Granting (Patent no.)
1.	Mr. Yogesh Kumar Bhanu Prof. Puneet Tandon	202121025733	An Electric Plug And Its Method Of Unplugging	9-Jun-21	22-May-23 (432387)
2.	Mr. Nimit Nitinbhai Shah Dr. Prabir Mukhopadhyay	202021041252	A Bicycle Convertible To A Tricycle Cart System And Method Of Its Operation Thereof	23-Sep-20	22-Sep-23 (453790)
3.	Dr. Ravi Panwar Mr. Ravi Yadav	202021026301	A Process For Developing Broadband Microwave Absorbing Composite Using Heterogeneous Electronic Waste Of Discarded Batteries And A Product Thereof	22-Jun-20	30-Nov-23 (475548)
4.	Mr. Dawn Varghese Prof. Puneet Tandon	201821038852	A Wearable Device For Posture Monitoring And Method Thereof	10-Dec-18	1-Dec-23 (479857)
5.	Prof. Puneet Tandon Mr. Yogesh Kumar Bhanu	202121001563	A System For Supporting Body Movements While Using A Toilet Seat	13-Jan-21	15-Jan-24 (499317)
6.	Prof. Puneet Tandon Mr. Satwik Priyardarshi Mr. Saurabh Kumar Verma Prof. Prashant Kumar Jain Mr. Mahendra Kumar Samal Mr. Joseph Jacob Roy Mr. Debanik Roy	201721006539	An Incremental Sheet Forming Process	23-Feb-17	23-Jan-24 (502564)
7.	Mr. Neel Padia Dr. Sangeeta Pandit	202221058263	A Fixture For A Measuring Instrument	12-Oct-22	6-Feb-24 (507776)
8.	Prof. Puneet Tandon Mr. Yogesh Kumar Bhanu Mr. Nimit Nitinbhai Shah Mr. Prasad Gadve Dr. Vipul Kalley	202021042365	A Device To Treat Pneumo-Hydro Thorax	29-Sep-20	9-Feb-24 (509064)
9.	Mr. Yogendra Kumar Dwivedi Dr. Harpreet Singh	202221070532	A Method For Preparing Magnetic Abrasives	7-Dec-22	22-Feb-24 (513704)
10.	Mr. Nirmal Kumar Prof. Puneet Tandon	201821038853	A Laparoscopic Device And Method Thereof	12-Oct-18	23-Feb-24 (514782)

11.	Mr. Nishant Kumar Prof. Puneet Tandon	201821039737	A Laparoscopic Clip Applicator And Method Thereof	22-Oct-18	28-Feb-24 (516328)
12.	Mr. Prakhar Khemka Dr. Harpreet Singh Prof. Tanuja Sheorey	202021000848	Polymer Matrix Composite Manufacturing Machine	8-Jan-20	29-Feb-24 (517201)
13.	Mr. Mithilesh Kumar Tiwari Prof. Puneet Tandon Dr. K. Ponappa	202221071229	A Hybrid Additive Manufacturing Incremental Forming System And A Method For Operation Thereof	9-Dec-22	29-Feb-24 (517754)
14.	Prof. Puneet Tandon Mr. Nimit Nitinbhai Shah	202021053250	Fluid Dispensing Device	7-Dec-20	6-Mar-24 (520931)
15.	Mr. Varun Chaudhary Dr. Ravi Panwar	202121001685	A Process For Producing A Customized Conformal Electromagnetic Interference Shielding Structure	13-Jan-21	7-Mar-24 (521432)
16.	Dr. Prabin Kumar Padhy Ms. Rishika Trivedi	202221040831	Control System And Method For Optimizing Parametric Variation In An Automobile	18-Jul-22	7-Mar-24 (521789)
17.	Dr. Vijaypal Sing Rathor Dr. Munesh Singh Dr. Bharat Garg	202221031928	System And Method For Implementing Input Dependent Key-Based Logic Locking To Secure Integrated Circuit	3-Jun-22	14-Mar-24 (526207)
18.	Mr. Rakesh Kumar Haldkar Prof. Tanuja Sheorey Prof. Vijay Kumar Gupta	202021016334	A Wearable Blood Extraction And Sampling Device And Method Of Its Operation Thereof	15-Apr-20	15-Mar-24 (527640)
19.	Ms. Rishika Kedia Prof. Puneet Tandon	202021041871	A Collapsible Garment Hanger	26-Sep-20	15-Mar-24 (528343)

1. Prof. Pritee Khanna, 8th IAPR international conference on Computer vision & image processing (CVIP 2023), at IIT Jammu, India, 2023, November 3-5, 2023.
2. Dr. Vijaypal Singh Rathor, Power, Control, Energy and Intelligent Transportation Technologies, 1st International Conference on Big Data & Machine Learning (ICBDML2024), 2024, 24 Feb. 2024.
3. Dr. Vijaypal Singh Rathor, Computer Sciences, Electronics, Information Technology, Instrumentation etc, 19th Chhattisgarh Young Scientist Congress (CYSC) 2024, 2024, 26-27 Feb. 2024.
4. Dr. Koushik Dutta, Technical Session IX (ET), 38th Indian Engineering Congress, IEI, Jabalpur, 2023, 29-12-2023.
5. Prof. Puneet Tandon, Computational Geometry I, "CAD'23 - the 20th Annual International CAD Conference", 2023, 10-07-2023.
6. Prof. Puneet Tandon, Knowledge Engineering, "CAD'23 - the 20th Annual International CAD Conference", 2023, 10-07-2023.
7. Prof. Puneet Tandon, Computational Geometry II, "CAD'23 - the 20th Annual International CAD Conference", 2023, 10-07-2023.
8. Prof. Vijay Kumar Gupta, PhD Symposium, CICT 2023, PDPM IITDM Jabalpur, 2023, 17-12-2023.

Scholarship, Freeships & Financial Assistance

1. From April 2022 to March 2023- for financial year 2022-23
2. From April 2023 to March 2024- for financial year 2023-24

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 2022 to March 2023 (in the year 2022-23 for the year 2022-23)

S. No.	B.Tech batch	Total no. of students eligible to get MCM for F.Y. 2022-23	Total Amount paid @Rs. 1000/- per month (Batch 2019 for 9 months & B.Tech 2020, 2021, 2022 for 12 months)	Tuition Waiver not applicable as it has already paid during the year (2022-23)	Total Amount Paid
1	2019	93	9,000.00	0	8,37,000.00
2	2020	94	12,000.00	0	11,28,000.00
3	2021	65	12,000.00	0	7,80,000.00
4	2022	60	12,000.00	0	7,20,000.00
Total					34,65,000.00

2. Expenses incurred from April 2023 to March 2024 (for the financial year 2023-24)

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)		(A+B)		
1	2020	94	9000x94	8,46,000.00	93x118580	1,10,27,940.00		1,18,73,940.00
2	2021	63	12000x63	7,56,000.00	63x130440	82,17,720.00		89,73,720.00
3	2022	44	12000x44	5,28,000.00	44x130440	57,39,360.00		62,67,360.00
4	2023	62	12000x62	7,44,000.00	62x143500	88,97,000.00		96,41,000.00
						Total		3,67,56,020.00

Total amount paid towards MCM Scholarship including Tuition Waiver is Rs. 34,65,000.00 + 3,67,56,020.00 = **Rs. 4,02,21,020.00**

Scholarship, Freeships & Financial Assistance

Madhya Pradesh State Scholarship M.P. Portal Online 2.0 under the Scheme :
Mukhyamantri Medhavi Vidhyarthi Yojna 2023-24

S.No.	No. of Students	Total Rs.	Year
1.	115	1,92,18,910.00	2023-24

Ministry of Social Justice and Empowerment, New Delhi (Payments of Students Scholarship Year 2023-24)

S.No.	Batch	No. of Students	Amount (in Rs.)
1.	2020	11	9,46,000.00
2.	2021	13	11,18,000.00
3.	2022	14	12,04,000.00
4.	2023	17	41,37,800.00

Ministry of Tribal Affairs, New Delhi (Payments of Students Scholarship (Year 2023-24)

S.No.	Batch	No. of Students	Amount (in Rs.)
1.	2020	7	5,25,000.00
2.	2021	8	6,00,000.00
3.	2022	18	13,50,000.00
4.	2023	23	31,51,000.00

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.

CULTURAL CLUB

1. Participation to PEARL 2023, BITS, Hyderabad (31 March 2023 to 02 April 2023)

Jazbaat participated to the cultural fest Pearl at the BITS, Hyderabad campus with 20 members. They have participated for Street-Play category and Nukkad category, among which the first prize won in the former case. Moreover, a huge appreciation from the judges was received for the Nukkad performance. Besides, BALANSE BHAKTI VINOD (21bcs053) received first prize for online mono-act competition in Pearl 2023.





Glimpses of Nukkad Natak (top) and Mono Act (Bottom) at BITS Pearl

2. Footloose (7th May 2023)

The Dance Battle (solo) of the first-year students is the main theme of this event. The Dance Club, of the institute, organized and judged the competition ensuring a high standard of talent and creativity among the participants.



Winners of the Footloose 2023

3. Participation in Global Youth Fest (20th May 2023)

The Dance club members participated in the local engineering college fest (Global Institute of Engineering College, Jabalpur) where their performances were highly appreciated and a second prize was achieved.



4. Environment Day (5th June 2023)

The Dramatics Society took a powerful stance on environmental consciousness through a compelling Nukkad Natak. The street play unfolded as a dynamic narrative, vividly showcasing the critical importance of environmental preservation. The performers, with impactful dialogues and engaging scenes, highlighted the consequences of neglecting our environment. The Nukkad Natak emphasized issues such as deforestation, pollution, and the depletion of natural resources, urging the audience to reflect on the collective responsibility towards Mother Earth. The use of relatable characters and everyday scenarios resonated with the spectators, making the message accessible and actionable. The play didn't merely focus on the problems but also proposed sustainable solutions, inspiring positive change. The call for individual and community action echoed through the vibrant performances, creating an atmosphere of awareness and responsibility. The Nukkad Natak effectively communicated the urgency of environmental conservation, leaving a lasting impression on the audience.



Glimpses of the Environment Day Celebration

5. Independence Day Celebration 2023 (15 August 2023)

In celebration of 15th August, 2023 two compelling stories of resilience and resistance against the British rules were delivered through two captivating theatrical performances. The first narrative unfolded the historic struggle of the southern kings in 1854 as they united against British oppression. Through powerful dialogue and evocative scenes, the actors depicted the valor and determination of these kings in their fight for independence. The second segment of the theatre production focused on the inspiring story of Gandhi Buri and her relentless struggle against injustice. The artful background, depicting the patriotism, sacrifices, and achievements of the Indian army for a new dawn of our country, was meticulously designed and implemented by the students of IITDM, Jabalpur. Also, patriotic poems were presented in a unique way that captured the audience and reverberated within them.



Glimpses of the Independence Day Celebration.

6. General Orientation, General Quiz and Cultural Orientation (16th, 20th and 26th August 2023)

The Literature Society took a step forward for new admission of the students for anchoring, quizzing, and cultural tradition of IIITDM, Jabalpur. Also, the Dramatic Society hosted the orientation program for the new admissions.



Glimpses of the General Orientation, General Quiz and Cultural Orientation

7. Onam Celebration (27th August 2023)

DESCRIPTION: To celebrate the festival of Onam, as a part of inter-state cultural harmony, the Music Club of the institute with other cultural clubs at the institute, delivered a series of performances that included four impressive solo singing performances and a collection of duets.



8. Open Mic (3rd September 2023)

Open Mic was conducted witnessing the variety of skills from poetry to rap and stand-up comedy. Participation of the students creates a huge enthusiasm for the literary tradition of the institute.



Glimpses of the Open Mic

9. Janmashtami 2023 (6th September 2023)

The Dramatics Society captivated audiences with a spellbinding Krishna Janam act on Janmashtami. From the cosmic drama to the intimate moments of Vasudeva and Devaki, the performance artfully depicted the divine birth. The climactic escape of baby Krishna resonated with symbolism, creating a visually stunning spectacle.



Glimpses of the Janmashtami Celebration

10. Just A Minute (8th September 2023)

The signature program for the literary club was conducted where the spontaneous storyline with the aid of instantaneous prompts encouraged to build up and shine the speaking power of the participants.



Glimpses of the JAM

11. Ganesh Chaturthi (27th September 2023)

On the occasion of Ganesh Chaturthi, SAAZ clubbed various songs to create a mesmerizing melody. The performance was appreciated by the attendees, leaving a mark on their hearts.



Glimpses of Ganesh Chaturthi Celebration

12. Singing Workshop (10th October 2023)

Saaz Music Club recently organized engaging workshops tailored for the freshers of the batch of 2023, focusing on vocals, beatbox, and guitar. The vocal workshop offered participants a platform to enhance their singing skills through comprehensive training modules and interactive sessions. The beatbox workshop, characterized by rhythmic vocal percussion, provided a unique and vibrant experience for students eager to explore this dynamic art form. Simultaneously, the guitar workshop catered to beginners, introducing fundamental techniques and fostering a love for stringed instruments.



13. Treasure Hunt (15th October 2023)

The puzzles and treasures are the ultimate brain-storming and entertaining event conducted with a daylong venture. The venues were spread over the campus and beautifully executed with the students.



Glimpses of the Treasure Hunt

14. Online Quizzing (26th October 2023)

To build up the quizzing skills the workshop was conducted in online mode. A huge participation of seven hundred students made the event a success.



Glimpses of the Online Quizzing

15. TARANG 2023 (03 Nov 2023 to 05 Nov 2023)

TARANG 2023, is the cultural fest of the Indian Institute of Information Technology, Design, and Manufacturing, Jabalpur has been conducted from 3rd Nov. 2023 to 5th Nov. 2023 marking the revival of the post-covid situation. Around thirty-three competitive events were organized and inter-college participation was witnessed in an appreciable manner. Besides the enthusiasm of the students made it a great success with an entertaining vibe. The external food stalls, band performances, and orchestra performances added a colorful feather to the TARANG 2023 celebration.



Glimpses of Tarang 2023

16. Republic Day (26th January 2024)

To salute the constitution of India, the day was celebrated with enthusiastic patriotism and spontaneous gestures. The Literary Society, the Musical Club, the Dance Club, and the Dramatic Society, of the institute, enriched the celebration through their performances whereas the decorative backbone was held up by the Art Club through their meticulous efforts. Also, the photography club covered the whole program and memorized it digitally with a subtle but important presence.



17. Showdown (16th February 2024)

"Showdown", an electrifying group dance competition, unfolded amidst the esteemed members of Avartan, the distinguished dance club revered for its dedication to the art form. With unwavering participation from every member, the event symbolized a collective celebration of talent and camaraderie.



18. Debating and Word Wars (10th and 17th February 2024)

An instructional event for debates and a word-based gaming competition were conducted by the literary club of the institute to enrich the potential of the new members of the club.



19. Inter-College Competition at IIT Guwahati (7th to 10th March 2024)

Jazbaat, the dramatic society of IITDMJ, participated in "Alcheringa 2024", organized by IIT Guwahati from 7th to 10th March 2024. The Nukkad Natak performance of the team Jazbaat, IITDMJ was appreciated by the critics with positive and inspiring comments. As a recognition, the team won the second prize for their Nukkad Natak, competing with eleven participants from different colleges.



20. Hindi and Urdu Poetry Workshop (13th March 2024)

Mr. Nishant and Mr. Shivam have conducted a Hindi and Urdu Poetry Workshop for writers who were interested in writing in Hindi and Urdu, discussing the intricate details of the language and style.



Achievements :

- Avartaan team was declared 2nd Position winner in Talent Hunt competition, Global youth fest 2023, Global Institute of Engineering College, Jabalpur held during 19th to 21st May 2023.
- The Jazbaat team won the first prize in Street-Play, Pearl 2023, BITS, Hyderabad during 31st March 2023 to 2nd April 2023.
- In the mono-act segment, Pearl 2023, BITS, Hyderabad during 31st March 2023 to 2nd April, 2023, first prize was won by Ms. Balanse Bhakti Vinod due to her performance on the act of the movie DEAR ZINDAGI.
- JAZBAAT - The Dramatics Society competed in the Halla Bol Nukkad Natak Competition in Alcheringa 2024, held at IIT Guwahati, and has secured SECOND PRIZE out of eleven competing teams.

Science and Technology Club

1. ROBOCON' 24 by Dr. Sunil Jha:-

It was an introductory session by Dr. Sunil Jha. It was attended by 200+ students.



Session on ROS for 1st year students:-

This session was held on 13th August 2023 which was attended by 50+ students, it was all about introducing the Robot Operating System i.e. ROS to the first year students. This session introduced Arduino which is a microcontroller and there are n number of microcontrollers present in industries. This session was an introductory session which included its basics and its application, the session was hosted by 2021 batch for 2022 batch. Along with introduction to ROS this session later included prize.



Orientation for the 1st years students:-

This was actually an orientation of Robotics Club to tell the fresher's batch that what we do here and what robotics is all about. It was held on 26th September 2023 and was attended by 575+ students. In this we introduced our few handmade bots to introduce them various aspects of this field that is different from other industries.



First session on Robotics for 1st year students:-

This session was held on 17th October 2023 which was attended by 150+ students in this session we told them the different aspects of robotics, that how things work while making a robot. Also they got to know that what are the different aspects in the field of robotics and the future scope in this interesting field. We showed them few projects including our hand made quadcopter (drone) which will be automated in near future.



Second Session for 1st year students (on RoboRush and Arduino):-

This session was held on 10th November 2023 which was attended by 90+ students. It was a hands-on session for the first years, this provided them an idea that what is an Arduino and how programming is done in it. Also they learned how microcontrollers work and how to use them in various projects. They got a chance to build a remote controlled bot on the spot using Esp and Arduino module.



Session on Open CV:-

The session was organised on 17th feb, 2024 from 11:00 am to 1:00pm. Total of 70+ students attended the session. The session was focused on practicality and hands-on learning, attendees were introduced to key concepts and functionalities, which included numpy integration, oops concepts and masking.

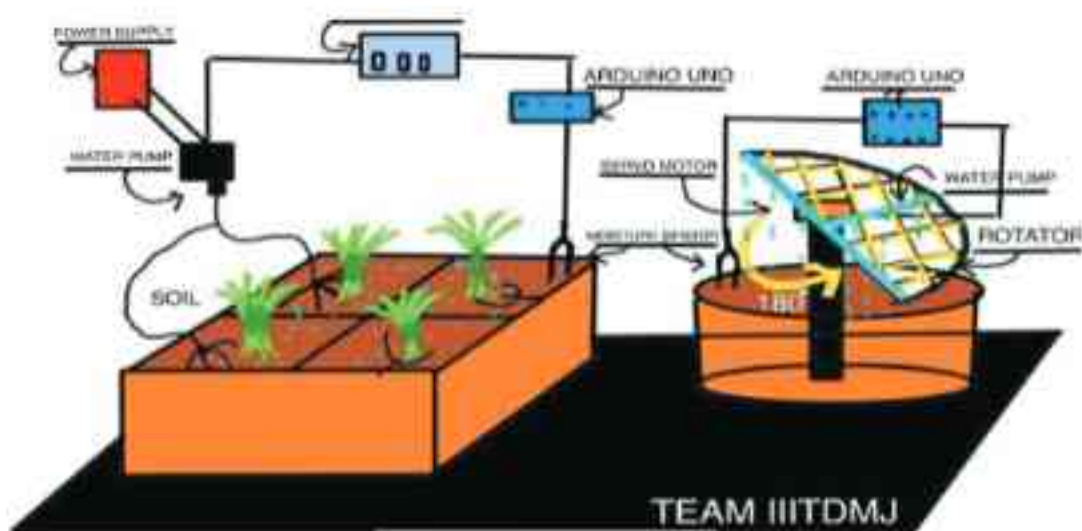
2. ROBORUSH 2023:-

The event was held from 19th April to 12th May. A total of 19 teams comprising 85 people registered for the event. These teams included students from various departments of IIITDMJ, as well as students from other institutes. The event started with abstract submission round followed by presentation and final round was a real war of robots. Total of 13 teams were selected to proceed to the final round of the competition. In addition to the competition rounds, the club also arranged a session to teach the participants about the basic knowledge of sensors and actuators.



3. TECHKRITI 2023:-

The Indian Institute of Technology (IIT), Kanpur hosts the annual Techkriti international festival of technology and entrepreneurship. Our team participated in the technical innovation challenge in the first round we have to submit the abstract and the working video of our project. We



qualified the first round and total 16 teams were selected for the final round all over INDIA. On 1st day Robowar was there which is a combat competition. On 2nd day Hovermania was there in which participants will have to design an aircraft.

ROBORUSH 2.0 (2024):-

The event had two rounds . 1st Round on 6th march followed by final round on 16th march. Round 1 was attended by 180+ attendees with 40 participants from 6pm to 8pm. Teams submitted there abstracts and presented their work. Final round was on 16th march which was attended by 250+ attendees with 33 teams from 9:00pm to 6:30pm. It comprised of three challenges: Maze navigation with





obstacles avoidance, Bridge completion and climbing and Autonomous line following. The competition was intense, with teams fiercely vying for victory.

Autonomous Outdoor Vehicle, Computer Vision Based Project :-

It is an ongoing project about 50 percent completed and it is on its developing and testing phase. In a departure from traditional Lidar-based approaches, this system relies on the integration of cameras and GPS, making it not only more economical but also tailored for specific environments where heavy traffic and highway conditions are not predominant concerns. Conceptual design contains the CAD model of our design. Subsystem design consists of Navigations system and Control system architecture.

Autonomous Mobile Robot (Based On ROS):-

This robot uses ROS (Robot Operating System), Lidar and Raspberry Pi 4 for slam and autonomous Navigation.



Autonomous Mobile Robot (Based On ROS-2 AND Micro ROS):-

This robot uses ROS-2(Robot Operating System), Lidar and Raspberry Pi4 for slam, autonomous Navigation and localization, communication between the ROS2 and MCU is established using Micro-ROS.



Image Processing Based Object Following Robot:-

An image processing-based robot is a type of robot that uses computer vision to analyze and interpret visual information from its environment. Image processing-based robots typically use cameras and other sensors to capture visual data, which is then processed using different algorithms and software to extract useful information.



4. CAD & 3D PRINTING CLUB :

TECHKRITI'24 : IIT Kanpur hosts its annual techfest Techkriti, our two teams from the Institute participated in two events respectively.

1. Autodesk Design Challenge: this event was held on 14th-17th March 2024,

It was conducted by Autodesk, the problem was to design a UAV that can deliver medical facilities to hilly areas. One team of 3 members participated in this event. The results were announced and our team clinched 1st prize defeating 40+ teams nationwide.

2. Airbus Flight Challenge : This event was conducted by Airbus, the problem statement was to design a propeller for a micro aircraft. One team of 3 team members participated in this event. We performed our best in the competition, showcasing decent competition to other teams. Only 1st prize was awarded and no other standings were revealed.



Fig 1(a)



Design for Autodesk Challenge
Fig 1(b)



Design for Airbus
Challenge Fig 2

5. AAKRUTI'23 :

This event is Organized by Dassault Systemes (Solidworks), it provides students exposure to latest technologies bridge academia-industry gap and showcase creativity, the event flow is like firstly initial design concept is to be submitted using 3D Experience dashboard, secondly product design submission is to be submitted which includes 3D model design and Powerpoint Presentation.

In this event 9 teams participated which includes 4 members in each team.

All the teams have performed well but the two teams have outstanding performance and there models are attached hereby.



6. AeroFabrication Club

Drone Development Challenge 2023 (DDC) by SAEISS : Our team, Airbenders, consisting of 10 enthusiastic members, participated in the Drone Development Challenge 2023 (DDC) by SAEISS. After advancing to Phase II, we proudly secured AIR 1 in the Aerodynamics Analysis (CFD) category, showcasing our exceptional skills and innovation.

Aerathon 2023 by SAE INDIA : two teams of 10 members each participated. We began fabricating our multirotor UAV for Phase I, followed by Phase II (Manufacturing and Flight Phase), where we secured 19th place.

Water Rocket Event of 2023 batch : The water rocket event "Thrust 2.0" for the 2023 batch took place on September 10, 2023. It was a one-day event with 56 participating teams.



7. Aeromodelling sessions : Session 1

On October 7, 2023, introduced UAV design basics in 2 hours, while Session 2 on October 15, 2023, covered weight estimation, electronics, and control surfaces within the same timeframe.



Aeromodelling workshop for batch 2022 : This workshop, spanning two days, aimed to provide comprehensive training in aeromodelling techniques.

The Boeing Aeromodelling competition : taking place from December 27th to December 29th, 2023, featured 8 participants organized into 2 teams. It challenged contestants to optimize the performance of RC planes in maneuver execution time.



DDC'24 (By SAEISS): Workshop

8. Autodesk Design Challenge IIT Kanpur:

The competition held from March 14th to March 17th, 2024, three participants represented our team. Remarkably, we secured the First Prize among 40+ competing teams, showcasing our prowess in design and innovation.



ACHIEVEMENTS

2023 : Demonstrated exceptional prowess by securing all three top prizes at Astroquiz IIT-K, along with clinching various first prizes such as Astrophotography and Observe, Analyze and Solve competitions at prestigious institutions including IIT BHU and IIT K.

2024 : Continued the streak of success with a remarkable 1st Prize triumph at Astro Quiz hosted by IIT BHU and a commendable 3rd Prize achievement in the Astronomy Case Study competition, further solidifying the society's reputation for excellence in the field.

PROGRAMMING CLUB

1. CodeRumble

On September 9, 2023, The Programming Club hosted CodeRumble, a dynamic five-hour coding contest. With over 150+ students in attendance at the LHTC Auditorium, the event commenced with a prestigious opening ceremony.



CodeRumble

Following the opening ceremony, teams transitioned to the Computer Center to tackle challenging algorithmic problems. The participants raced to solve problems, with colorful balloons marking each team's achievements, setting an ICPC-styled environment.

CodeRumble was not just a competition; it was a showcase of the institute's rich competitive programming culture.

2. HackByte 2.0

From April 5 to 7, 2023, HackByte 2.0 transformed the campus into a hub of innovation, creativity and collaboration. Drawing over 400 participants from across India, the 36-hour hackathon began with a distinguished opening ceremony at the LHTC Auditorium. Throughout the event, participants engaged in enriching workshops by industry leaders such as GitHub, MLH, Postman and Logitech, receiving continuous mentorship to refine their projects. Teams worked diligently on their innovative solutions, culminating in a grand closing ceremony. Here, top teams were recognized for their exceptional projects, showcasing the club's dedication to nurturing innovation.



HackByte 2.0

IIITDMJ Racing Club

Achievements:

One of our club members Aashish Kothawade secured 2nd rank in Autoquiz competition conducted by SAEINDIA. The competition was held in September 2023. The competition consisted of 5 rounds; each round was an elimination round. 50+ students from all over India had participated in this competition.



Felicitation program at Pune

IIITDMJ SPORTS CLUB

1. Enthuse 2023

Enthuse 2023 was an Intra College Sports Event held between 28th September to 2nd October, 2023 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 and Dean Students Dr Mukesh Kumar Roy.



2. Fit India Week 2023

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 8th-14th December, 2023. Fit India Pledge, Cyclothon and Run for Unity for Employees, Students, Kids/Children of Employees, Yoga Session, and Quiz Competition for kids 5 years and above, Employees and their family members and Students were organized.



3. International Day of Yoga 2023

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 Vasudhaiva Kutumbakam' i.e. Yoga for the welfare of all in the form of 'One World-One



Family'. To commemorate this special occasion of IDY 2022, a number of events were planned which includes a 5-day Yoga camp, Essay writing competition for Employees and Students, Poster Making Competition for wards of employees and a special guest lecture by Art of Living Expert Dr. Pramod. In the valedictory programme, prizes were distributed to the winners and the kids by our Hon'ble Director Prof. Bhartendu K. Singh.



4. VARCHAS '23

A national-level tournament Varchas '23 was organized by IIT Jodhpur from 3rd-5th of November 2023. About 75 students from IIITDM participated in this tournament. IIITDMJ's Kabaddi Club clinched a commendable bronze medal, highlighting their teamwork and prowess. Simultaneously, the Chess Club secured prestigious silver and bronze medals, lauded for their strategic brilliance. The tournament also saw impressive performances from various other IIITDMJ clubs, showcasing a culture of sportsmanship and talent across disciplines.



5. 45 Yards Tournament

The 45-Yard Cricket Tournament, open to all undergraduate students of IIITDMJ, saw enthusiastic participation with 50+ teams joining the competition. This event not only promoted sportsmanship but also fostered a sense of camaraderie among students, showcasing the vibrant sporting culture at IIITDMJ. The tournament was organized in the Institute Cricket Ground from 8th-26th January, 2024.



6. Fit India Cricket Tournament

The 8th Season of "FIT INDIA CUP - 2023" among the Faculty, Students, Staff Members and Outsourcing Employees of PDPM IIITDM Jabalpur commenced from 7th October, 2023 in the Institute Cricket Ground. Honorable Director Sir - Prof. Bhartendu K. Singh, Faculty-incharge (Students) Dr M K Roy and Acting Registrar of the Institute Mrs. Swapnali D. Gadekar inaugurated this mega event. 9 teams participated in this 4 month long tournament.



Introduction

Institute Library is the knowledge of hub of the PDPM-IITDM Jabalpur. Library extend support to academic & research activities of the Institute by procuring various types of reading materials, subscribing to electronic resources and providing various type of information services. The library provides all 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, on-line 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 extend support to provide better service to the users.

Institute library not only proactively work on its collection building and infrastructural augmentation, but also put 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 2023 to 31st March 2024 is as follows -



Section A					
Sl. No.	Medium	Collection	In Stock as on 31st March 2022	In Stock as on 31st March 2023	In Stock as on 31st March 2024
1	Documentary Sources (Print)	Books	15130	16550	16726
		Gratis Books	1094	1122	1182
		Subscribed Print Journals	11	11	11
		Project Reports/Theses	676	761	789
		Gratis Project Reports/Theses	131	131	131
		Annual Reports	81	81	83
		Conference Reports	57	57	63
2	Non Documentary Sources (Non Print)	CDs/DVDs/Floppy (Received with Project Reports, Books & Magazines)	2243 Purchased Books CD = 1371 E-Book = 04 Gratis Books CD = 17 Gratis Books Floppy= 02 Project /Theses CD = 497 Project/ Theses received through email= 68 Gratis Project/ Theses CD = 0 Annual Report = 0 Conference Report CD = 03 Subscribed Magazine CD = 281	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
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 2021-22	Procured In 2022-23	Procured In 2023-24
1	Print Materials	Subscribed News Papers	06 (E-3, H-3)	14 (E-5, H-9)	14 (E-5, H-9)
2		Subscribed Magazines	09	13	13
3	Non-Print Materials	Subscribed Online E- Resources (E-Journal)	49,741	49,097	7,490.00

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 503 nos.

Section C			
Hindi Collection	Hindi Books	432	503
	Gratis Hindi Books	71	
	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.

Loan Criteria for Library Users

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

1. e-Resources in Institute Library: e-Shodh Sindhu (e-SS) established by Ministry of Education, Govt. of India and supported by INFLIBNET Centre, Gandhinagar, Gujarat. The consortia provided various e-resources to our Institute like ACM Digital Library, ASME Journals Online, Springer, JSTOR, JGate Plus (JCCC), etc. Apart from this, Institute has directly subscribed the various e-resources from the different publishers. The individual titles under the collections are approximately 7490.
2. 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 114 Numbers of Ph.D theses on Shodh Ganga portal maintained by INFLIBNET Centre, Gandhinagar, Gujarat and it is also help to our library users for their research works.
3. 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" for library users.
6. **Reprography :** Institute library is 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.

List of e-Resources

Sl. No.	Name of e-Resource	Titles/Collection
1.	ACM Digital Library	1162
2.	ASME Journals Online	33
3.	Institute for Studies in Industrial Development (ISID) Database	The Institute for Studies in Industrial Development (ISID) has created On-line Indexes of Indian Social Science Journals (OLI) and Press Clippings on diverse social science subjects. The On-Line Database Index covers 252 Indian social science journals covering the disciplines of economics, political science, public administration, sociology, social anthropology, business management, finance, geography, social work, health and education, etc and 15 newspapers.
4.	JGate Plus (JCCC)	J-Gate Custom Content for Consortium (JCCC) is a virtual library of journal literature created as a customized e-journals access gateway and database solution. It acts as a one point access to 7900+ journals subscribed currently under UGC INFONET Digital library consortium as well as university libraries designated as Inter Library Loan (ILL) Centers besides index to open access journals. JCCC has facility to trigger e-mail request for article to inter library loan centers as well as to INFLIBNET Centre.
5.	JSTOR	3165
6.	Math SciNet	Provides database of reviews, abstracts and bibliographic information for much of the mathematical sciences literature
7.	Oxford University Press	262
8.	Springer Link	1725
9.	Nature Journal	Nature the leading international weekly journal of science.
10.	Web of Science	Provides access to the world's leading citation databases which includes Science Citation Index Expanded (SCI-EXPANDED), Social Sciences Citation Index (SSCI) and Arts & Humanities Citation Index (A&HCI) with 20 year back-files on lease basis. Its Analyse Tool also helps in finding hidden trends and patterns, gain insight into emerging fields of research, identify leading researchers, institutions, and journals, and trace the history of a particular field of study.
11.	IEEE: ASPP	207
12.	Science Direct	665

Library Services for Users

- **Library Opening and Closing Hours** : Institute library opens on Institute holidays for providing better facilities 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 users 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 its 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) Trail/free access resources
i) Remote access facility for online resources	j) Open access articles/journals

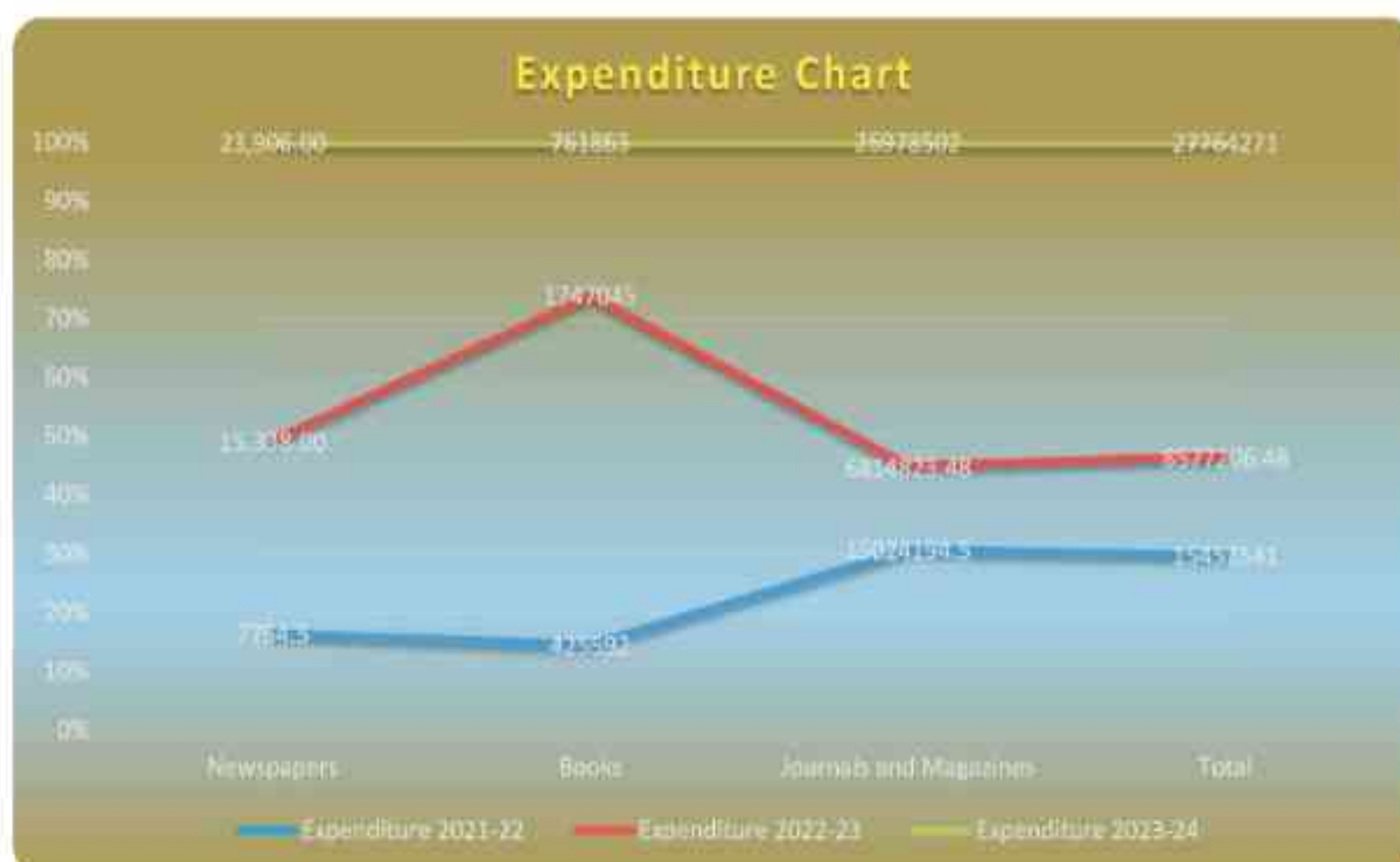
- **Newspaper Clipping Services**: Institute library has also preserved Institute related news published in subscribed newspapers and it is too useful in future for ready reference.

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 providing better services to students.

Details of Expenditure				
Sl. No.	Items	Expenditure 2021-22	Expenditure 2022-23	Expenditure 2023-24
1.	Newspapers	Rs. 7754.50	Rs. 15,338.00	Rs. 23,906.00
2.	Books	Rs. 4,25,592.00	Rs. 17,47,045.00	Rs. 7,61,863.00
3.	Journals and Magazines	Rs. 1,50,24,194.50	Rs. 68,14,823.48	Rs. 2,69,78,502.00
Total		Rs. 1,54,57,541.00 (Approx.)	Rs. 85,77,206.48 (Approx.)	Rs. 2,77,64,271.00 (Approx.)



Campus Placements Report 2023-24

The Training & Placement Cell consistently encourages students to actively participate in various programs, activities, workshops, and training sessions that are instrumental in enhancing their career readiness. To further support student development, the Institute has launched a specialized soft skills training program aimed at shaping students into well-rounded professionals. Numerous successful campus placement drives have been organized, where students have excelled and added significant achievements to their portfolios. Notably, in the year 2023-24, the highest international package of ₹ 135 LPA was offered by Amazon, London, while the highest national package of ₹ 101 LPA was secured by Rubrik India.

Major Stakeholders for the session 2023-24

A total of 90+ companies visited the Institute and extended over 334 offers to the graduating class of 2023-24. These companies include prestigious multinational organizations such as Amazon, Booz Allen Hamilton (Singapore), Rubrik India, Mercari, Google, Palo Alto Networks, CRED, DE Shaw, Adobe, Intuit, NVIDIA, AutoDesk, Bloomberg, Bold Technologies, Commvault, Meesho, Oracle, Flipkart, Morgan Stanley, CISCO, OfBusiness, Goldman Sachs, MathWorks, Scaler, Morphle Labs, Gothia Digital Solutions, PlaySimple Games, Postman, Ultimate Kronos Group, Galoy, Dell, RT Camp, GE Digital, HPCL, Zolostays, Addverb, Alpha Wave, Juniper Networks, Airtel, Cradlepoint, Hugosave, Future First, Groww, Infosys, TCS, IBM, MindTickle, Rakuten, Reliance Industries, Tumme, Axis Bank, Hyundai, PwC, HCL, Schlumberger, Deloitte, Capgemini, Voltas, and many more. The highest package this year enhance by 64% in comparison to last year. Thus, the average package stands at ₹19.27 lakh per annum. The top 20% companies offered an average package of ₹40.36 lakh per annum. Postgraduate students have also been availed of benefit with numerous multinational companies like Dell, Eaton, Cummins India, Juniper, ASBL and Hyundai recruiting from the institute. This year many students received pre-placement offers following summer internships and have already joined these companies.



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 2023 at Shiv Chhatrapati Sports Complex, Balewadi, Pune and ended on 28 September 2023 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 2023 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.

Aryabhatta 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.



Aryabhatta 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 UG 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) : The Student Activity Centre building is meant to facilitate the students for all sorts of leisure activities. The Indoor Basketball Court some rooms for

different clubs and the Open Air Theatre are presently in use. The balance portion of the building is also made ready to use in which all the sports facilities will be available at one place. In this building have the all sports facilities like Indoor Badminton Court, Table tennis court, Gymnasium, Squash Court and other activities. The building has been located in such a way to have entry from Hostel zone as well as from the Academic zone. Presently, 3 numbers of Badminton courts and Table Tennis tables have been accommodated in the Indoor Basketball Court area. Different activities of Student Clubs and Gymnasium activities are being performed in the other rooms available in the building. Adjacent to the Student Activity Centre, two numbers of play fields are available for Outdoor games like Cricket, Football, Kho-kho, Track and field events etc. In addition, Outdoor Basketball Court, Volleyball Courts are also available at one side of the playground.



Student Activity Centre

Central (Mess and Dining Hall) : The building is located between the Aryabhatta 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 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.



Nalanda (2 Nos.- Type V Qtrs.)

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 2023-24

(1) Grant in Aid received during FY 2023-24

Particulars	Amount (in Lakhs)
Salary	2,936.00
General Expenditure	2,765.00
Capital Expenditure	922.00
Total Amount	6,623.00

(2) Expenditure for FY 2023-24

Particulars	Amount (in Lakhs)
Salary	2,813.90
General Expenditure	2,707.96
Capital Expenditure	889.70
Total Amount	6,411.56

(A) Salary Expenditure for FY 2023-24

Particulars	Amount (in Lakhs)
Academic	1,586.50
Non Academic	525.83
Other component of Salary	701.57
Total Amount	2,813.90

(B) General Expenditure for FY 2023-24

Particulars	Amount (in Lakhs)
Outsourced Manpower	1,172.55
Electricity	338.92
Assistantship/Scholarship	758.02
Repair & Maintenance	65.52
Travelling Allowance	16.28
Transportation Expenses	35.26
Honorarium	65.22
Student Support Service	22.09
Other Expenses	234.10
Total Amount	2,707.96

(C) Capital Expenditure for FY 2023-24

Particulars	Amount (in Lakhs)
Civil & Electrical	514.86
Furniture & Fixture	9.08
Lab and Office Equipment	14.63
Computer hardware and Software	26.21
Books and Journals	324.44
Electrical Installation	0.47
Total Amount	889.70



(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 2024

AMOUNT IN ₹

SOURCES OF FUNDS	SCHEDULES	CURRENT YEAR (FY 2023-24)	PREVIOUS YEAR (FY 2022-23)
CORPUS/ CAPITAL FUND	1	4,02,85,10,919	3,76,71,47,507
DESIGNATED/ EARMARKED/ ENDOWMENT FUNDS	2	-	-
CURRENT LIABILITIES & PROVISIONS	3	53,38,95,992	41,20,43,016
TOTAL		4,56,24,06,911	4,17,91,90,524
APPLICATION OF FUNDS			
FIXED ASSETS	4		
TANGIBLE ASSETS		3,03,29,52,083	3,08,76,16,653
INTANGIBLE ASSETS		44,45,736	44,76,274
CAPITAL WORK-IN-PROGRESS		9,95,78,898	3,15,76,401
INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS	5		
LONG TERM		-	-
SHORT TERM		-	-
INVESTMENTS- OTHERS	6	-	-
CURRENT ASSETS	7	1,37,75,56,186	95,89,70,814
LOANS, ADVANCES & DEPOSITS	8	4,78,74,008	9,65,50,381
TOTAL		4,56,24,06,911	4,17,91,90,524
SIGNIFICANT ACCOUNTING POLICIES	23		
CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS	24		



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



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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 01.04.2023 TO 31.03.2024

AMOUNT IN Rs.

PARTICULARS	SCHEDULE	CURRENT YEAR (FY 2023-24)	PREVIOUS YEAR (FY 2022-23)
A INCOME			
ACADEMIC RECEIPTS	9	22,03,59,617	19,06,32,409
GRANTS/ SUBSIDIES	10	55,21,85,768	51,65,00,000
INCOME FROM INVESTMENTS	11	-	-
INTEREST EARNED	12	6,01,62,916	3,67,56,939
OTHER INCOMES	13	72,08,589	35,24,593
PRIOR PERIOD INCOME	14	-	-
TOTAL (A)		83,99,16,891	74,74,13,941
B EXPENDITURE			
STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)	15	28,13,90,016	30,82,11,604
ACADEMIC EXPENSES	16	8,88,75,128	8,98,56,702
ADMINISTRATIVE AND GENERAL EXPENSES	17	17,17,84,816	15,40,34,849
TRANSPORTATION EXPENSES	18	35,25,963	25,44,286
REPAIRS & MAINTENANCE	19	65,52,443	1,48,39,956
FINANCE COSTS	20	57,402	10,898
DEPRECIATION	4	11,80,18,679	11,78,46,385
OTHER EXPENSES	21	-	-
PRIOR PERIOD EXPENSES	22	7,19,099	74,824
TOTAL (B)		67,09,23,546	68,74,19,504
BALANCE BEING EXCESS OF INCOME OVER EXPENDITURE (A- B)		16,89,93,345	5,99,94,437
TRANSFER TO INSTITUTE CAPITAL FUND			
INTERNAL INCOME		28,77,31,122	17,79,15,646
BUILDING FUND		-	-
BALANCE BEING SURPLUS (DEFICIT) CARRIED TO INTERNAL CORPUS		28,77,31,122	17,79,15,646
BALANCE BEING SURPLUS (DEFICIT) CARRIED TO CORPUS FUND		(11,87,37,778)	(11,79,21,209)
SIGNIFICANT ACCOUNTING POLICIES	23		
CONTINGENT LIABILITIES AND NOTE TO ACCOUNTS	24		



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



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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 2023-2024

S.No.	RECEIPTS	CURRENT YEAR (FY 2023-2024)	PREVIOUS YEAR (FY 2022-2023)	S.No.	PAYMENTS	CURRENT YEAR (FY 2023-2024)	PREVIOUS YEAR (FY 2022-2023)
I OPENING BALANCES							
A)	CASH BALANCE			A)	STAFF PAYMENTS & BENEFITS	18,86,56,504	1,74,44,291
B)	BANK BALANCES			B)	ACADEMIC EXPENSES	6,54,18,068	6,29,68,762
i)	SBI GRANT A/C	2,36,569	2,37,318	C)	ADMINISTRATIVE AND GENERAL EXPENSES	4,89,99,085	4,52,18,452
ii)	INDIAN BANK STUDENT FEE A/C	40,635	(3,77,14,635)	D)	TRANSPORTATION EXPENSES	33,52,761	24,14,011
iii)	INDIAN BANK STUDENT FEE A/C	38,13,780	1,26,94,631	E)	REPAIRS & MAINTENANCE	57,72,846	61,46,121
iv)	INDIAN BANK GRANT CURRENT A/C	8,18,829	1,81,774	F)	FINANCE COSTS	59,454	12,535
v)	INACOMM 2021 A/C	60,035	66,523				
a)	INDIAN BANK SERB PROJECT A/C	1,06,14,842	(4,40,705)	II	PAYMENTS AGAINST EARMARKED/ENDOWMENT FUNDS	96,08,546	1,79,76,600
b)	INDIAN PROJECT A/C	2,09,86,170	(24,42,001)	III	PAYMENTS AGAINST SPONSORED PROJECTS/SCHEMES	93,14,017	40,32,599
c)	E&ICT ACADEMY A/C	1,57,25,903	1,84,14,873	IV	PAYMENTS AGAINST SPONSORED FELLOWSHIPS AND SCHOLARSHIPS		
d)	STARTUP A/C	5,958	5,797	A)	CENTRAL SECTOR SCHOLARSHIP	5,39,000	3,23,000
e)	QIP A/C	6,95,577	30,91,726	B)	EXTERNAL SCHOLARSHIP	1,53,77,490	28,41,440
vi)	INDIAN GRANT SAVING BANK A/C	2,84,26,523	(2,14,40,118)	V	INVESTMENTS AND DEPOSITS MADE		
vii)	SBI TICKET A/C	-	-	A)	OUT OF EARMARKED/ENDOWMENTS FUNDS		
viii)	AXIS BANK	66,67,586	2,90,58,332	B)	OUT OF OWN FUNDS (INVESTMENTS- OTHERS)		
ix)	HDFC BANK	15,47,192	-				
x)	Swap Facility	1,65,19,829	23,49,50,363	VI	TERM DEPOSITS WITH SCHEDULED BANKS		
II	GRANTS RECEIVED			A)	FIXED DEPOSITS MADE	85,34,97,897	54,67,65,000
A)	FROM GOVT. OF INDIA (MHRD) (PLAN)- GENERAL	27,65,00,000	24,15,00,000	B)	INVESTMENTS AND DEPOSITS MADE (SUBSIDIARY ACCOUNTS)		
B)	FROM GOVT. OF INDIA (MHRD) (PLAN) - FOR CREATION OF CAPITAL ASSETS	9,22,00,000	4,00,00,000	VII	EXPENDITURE ON FIXED ASSETS & CAPITAL WORK-IN-PROGRESS		
C)	FROM GOVT. OF INDIA (MHRD) (PLAN)- SALARY	29,36,00,000	27,50,00,000	A)	PURCHASE OF FIXED ASSETS	1,63,67,898	2,98,08,031
				B)	EXPENDITURE ON CAPITAL WORK-IN- PROGRESS		
III	ACADEMIC FEE			VIII	OTHER PAYMENTS INCLUDING STATUTORY PAYMENTS		
A)	ACADEMIC FEES	28,69,57,104	23,43,21,431	A)	ASSOCIATION FEE (OTHER INSTITUTION)		
B)	HALL MANAGEMENT ACCOUNT			B)	GIS (OTHER INSTITUTES)	-	3,000
				C)	GPF (OTHER INSTITUTES)	-	25,000
				D)	GSLIS	-	1,57,523
				E)	PROFESSIONAL TAX PAID	3,12,875	3,19,166
				F)	LABOUR WELFARE CESS	2,94,408	9,90,824
IV	RECEIPTS AGAINST EARMARKED/ENDOWMENT FUNDS	78,42,461		G)	NEW PENSION CONT.	4,60,91,501	4,41,16,551

PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, JABALPUR
RECEIPTS & PAYMENT ACCOUNT
FOR THE FINANCIAL YEAR 2023-2024

AMOUNT IN ₹						
S.No.	RECEIPTS	CURRENT YEAR (FY 2023-2024)	PREVIOUS YEAR (FY 2022-2023)	S.No.	PAYMENTS	PREVIOUS YEAR (FY 2022-2023)
V	RECEIPTS AGAINST SPONSORED PROJECTS/SCHEMES	1,55,51,063	2,57,52,923	H)	TDS PAID	4,49,74,581
VI	RECEIPTS AGAINST SPONSORED FELLOWSHIPS AND SCHOLARSHIPS			I)	GST PAID (GST TDS & RCM)	54,51,999
A)	CENTRAL SECTOR SCHOLARSHIP RECEIVED	19,00,640	33,56,460		REFUNDS OF GRANTS/PROJECT A/C CORPUS	-
B)	EXTERNAL SCHOLARSHIP	1,54,04,030	16,17,020		DEPOSITS & ADVANCES	
				IX)	CPWD, BHOPAL	40,40,000
				X)	Digital Web World	
VII	INCOME ON INVESTMENTS FROM EARMARKED/ENDOWMENT FUNDS (EAICT ACADEMY)			A)	P.H.E. MECHANICAL ADVANCE PAYMENT	
B)	FIXED DEPOSITS	46,34,51,392	30,95,73,490	B)	ADVANCE FOR EXP STAFF & OTHER	
C)	OTHER INVESTMENTS (SUBSIDIARY ACCOUNTS)	-	-	C)	D B CROP LTD	-
VIII	INTEREST RECEIVED/ACCRUED			D)	STARTUP	
A)	INTEREST RECEIVED	3,34,02,262	78,50,724	E)	NICSI	54,93,094
B)	INTEREST ACCRUED ON FIXED DEPOSIT	20,78,592	-	F)	SECURITY DEPOSIT	2,72,932
IX	INVESTMENTS ENCASHED			G)	EMD AND PBG	3,91,028
X	TERM DEPOSITS WITH SCHEDULED BANKS ENCASHED			H)	SECURITY DEPOSIT-MPPKWCL	18,53,400
A)	INVESTMENTS AND DEPOSITS MATURED INSTITUTE			I)	ADVANCE TO DAVP	
B)	INVESTMENTS AND DEPOSITS MATURED E& ICT ACADEMY			J)	ADVANCE TO OPTIMIZATION WORKSHOP	
XI	OTHER INCOME (INCLUDING PRIOR PERIOD INCOME)			K)	ADVANCE TO TFRI	
A)	OTHER INCOMES	53,29,559	20,50,934	L)	ADVANCE TO INNOVATION PROJECT	-
				M)	OTHER PAYMENT	
XII	DEPOSITS AND ADVANCES			N)	HALL MANAGEMENT ACCOUNT	2,46,21,500
A)	SECURITY DEPOSIT	1,77,250	1,25,000	XI)	STUDENT BENEFIT ACCOUNT	
B)	EMD AND PBG	31,29,200	21,49,686	A)	STUDENT CAUTION MONEY	38,000
C)	CSAB 2023	-		B)	EXCESS DEPOSIT FEE PAID	67,77,594
D)	SECURITY DEPOSIT-MPPKWCL (CONTRACTORS)			C)	ALUMNI ASSOCIATION SUB PAID	
E)	REFUND BY DGS&D			D)	PM CARES FUND	-
F)	RECEIPTS FROM AMEC/NWWSG WORKSHOP			E)	INCOME TAX TDS PAYABLE	-
G)	CPWD, BHOPAL			F)	ONLINE PUBLICATIONS	-
H)	ADVANCE FROM EXPENSES OF STAFF & OTHER	48,30,048	38,76,036	G)	OTHER EXPENSES	1,86,96,108

PANDIT DWARKA PRASAD MISHRA INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND MANUFACTURING, JABALPUR
RECEIPTS & PAYMENT ACCOUNT
FOR THE FINANCIAL YEAR 2023-2024

S.No.	RECEIPTS	CURRENT YEAR (FY 2023-2024)	PREVIOUS YEAR (FY 2022-2023)	S.No.	PAYMENTS	CURRENT YEAR (FY 2023-2024)	PREVIOUS YEAR (FY 2022-2023)
XIII	MISCELLANEOUS RECEIPTS INCLUDING STATUTORY RECEIPTS						
A)	ASSOCIATION FEE (OTHER INSTITUTION)			H)	PROMSIONS PAID	-	14,92,31,425
B)	GIS (OTHER INSTITUTES)			I)	CREDITORS PAID	17,29,81,736	22,47,42,144
C)	GPF (OTHER INSTITUTES)			J)	CLOSING BALANCES		
D)	GSLS	1,84,539	-	K)	CASH BALANCE		
E)	PROFESSIONAL TAX			XII	BANK BALANCE		
F)	WCT			A)	I) SBI GRANT A/C	2,36,669	2,36,669
G)	LABOUR WELFARE CESS			B)	II) INDIAN BANK STUDENT FEE A/C	1,20,85,995	40,635
H)	NEW PENSION CONT.				III) INDIAN BANK STUDENT FEE A/C	18,35,954	36,13,780
I)	TDS RECOVERED	1,65,884	87,73,851		IV) INDIAN BANK GRANT CURRENT A/C	9,19,084	8,18,829
J)	SUNDRY CREDITORS	3,41,505	4,06,930		V) INACOMM 2021 A/C	65,161	60,035
K)	FLAG DAY CONTRIBUTION				a) INDIAN BANK SERB PROJECT A/C	94,58,160	1,06,14,842
L)	GST	7,99,822	13,96,623		b) INDIAN PROJECT A/C	1,69,62,795	2,09,86,170
M)	FINANCIAL SOFTWARE				c) ESIC ACADEMY A/C	50,667	1,57,25,903
XIV	ANY OTHER RECEIPTS				d) STARTUP A/C	6,124	5,958
A)	NPS INTEREST & OTHER				e) QIP A/C	7,14,956	6,95,577
B)	OTHER RECEIPTS	4,31,17,626	4,20,72,983		v) INDIAN GRANT SAVING BANK A/C	4,99,18,403	2,84,26,623
C)	RECEIVABLE TO STUDENT	-	-		vii) SBI TICKET A/C	82,834	
D)	A/C RECEIVABLE				viii) AXIS BANK	71,28,762	66,67,586
E)	RECEIVED AGAINST PAYMENT OF COMPUTER				ix) HDFC BANK	65,67,082	15,47,192
F)	PROJECT CONSULTANCY PAYABLE				x) Swap Facility	-	1,65,19,829
					xi) VH INDIAN BANK	11,90,680	-
				XIII	ANY OTHER PAYMENTS		
					a) FEE RECIEVABLE STUDENT	-	-
					b) INTEREST ON PROJECT A/C PAID	-	-
					c) EXPENSES PAYABLE	-	27,01,185
TOTAL	TOTAL	1,65,51,22,806	1,43,77,17,962		TOTAL	1,65,51,22,806	1,43,77,17,962

Accession

Alight

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

(Bhartendu K Singh)
Director

RIGHT TO INFORMATION ACT 2005

Report

(01-04-2023 to 31-03-2024)

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	:	120
No. of RTI application replied by the Institute	:	98
No. of first appeals received by the Institute	:	07
No. of decisions passed by the FAA of the Institute	:	07
Amount collected as RTI fee and additional fee	:	Rs. 372/-