Pandit Dwarka Prasad Mishra
Indian Institute of Information Technology,
Design and Manufacturing, Jabalpur

PLACEMENT BROCHURE
2021-22

NIRF Ranking 2020: 81
An Institute of National Importance
Established by
Ministry of Education (Siksha Mantralaya), Govt. of India
Under an Act of Parliament (IIIT Act 2014)

FROM THE DIRECTOR

It gives me immense pride and pleasure in introducing to you Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design and Manufacturing, Jabalpur (henceforth PDPM IIITDMJ) as an edifying Institute of National Importance, setup by Govt. of India under IIIT Act 2014, in empowering young minds. This is a class of highly accomplished individuals, with exceptional technical and leadership abilities, honed by the academic rigour and challenging learning environment at the institute. Students here are trained to be ready to face any challenge that may come in their path. This has helped them become not just the next great innovators but also leaders in their respective fields. PDPM IIITDM Jabalpur creates an environment that is competitively intense and intellectually satisfying in the serene 250 acres of greenery, complete with classrooms, laboratories, hostels, library and sports complex. Today, graduating from this colossus has become the rite of passage for the would-be successful young engineers and entrepreneurs.

Dear Recruiters, Welcome to PDPM IIITDM Jabalpur, a centrally funded technical Institute. I can say with confidence that the training that our students have gone through, equips them to succeed and in fact, guide the world in the right direction. Once again, I invite you for the recruitment of the batch of 2017. There are a large number of organisations with which we have enjoyed lasting and fruitful relationships. These have been visiting the campus year after year which certainly brings out the point that our alumni do deliver with unmatched professional enthusiasm. This year too we would like to see you on campus. However, there are many organisations that do have PDPM IIITDM Jabalpur Alumni on their rolls, but may not have come to the campus for fresh recruitments. Through this, I offer invitation to all of them. I sincerely wish that this is a great and fruitful relationship in the making.

l appreciate the Placement Office for their untiring efforts, and I am certain that our students, with help of the Placement Office, will find their dream jobs. I wish the students all my best in Placement 2021-22.

Prof. Sanjeev Jain

FROM CHAIRPERSON PLACEMENT CELL

PDPM IIITDMJ is an Institute of National Importance, imparting quality technical and design education. During the last decade, it has marked its footprint not only amongst Indian industry and research fraternity but on the global level too. The Institute lays strong emphasis on a multidisciplinary academic framework with hands-on experience through project-based learning. This gives ample opportunities to students to groom themselves not only for problem-solving and innovation in the knowledge economy but also imparts the skills to work in a collaborative environment and handle work pressures.

It's my privilege to invite the Industry, Academic Institutions and Research Labs to the Institute to interact with our energetic young minds, the students of today and makers of tomorrow. As an Institute, we believe that academia industry collaboration would not only help prepare the young students for the world outside the campus, but also excite them to trigger meaningful innovations in the industry with their bold initiatives. Our undergraduate students undergo six months internship at reputed organisations in India and abroad. We have established several tie-ups with international academic institutions and industries, and are constantly working to create and enhance industry-academic relationship.

Through my engagement with the batch as the Chairperson, Placement Cell, I have prodigious assurance in the talent of the budding minds. Being a firm believer in the fact that actions speaks louder than words, I extend a very cordial invitation to your esteemed organisation to see for yourself the abundance of talent at IIITDM Jabalpur. I request you to visit at least once, and I can assure you that you would be extremely excited to recruit, and in the process harness the rich experience, commitment, integrity, technical skills and brilliant design acumen of our students. Rest assured it would be worth it to interact with the students of IIITDM Jabalpur.

Dr. Pritee Khanna

CONTENTS

IIITDM JABALPUR

Advancement in science and technology is ushering upon us hopes of a better tomorrow. The society today is in demand for services and facilities which can be met only through participatory involvement of all engineering domains, and not by offering technical service alone. The current engineering education system in India, though huge and diverse, is mainly based on the conventional idea of a pipeline model. However, engineers today need to show acumen in the domains of functional aesthetics and ergonomics too. Successful implementation of untapped technologies in the form of IT-enabled design, rapid product development, hybrid manufacturing solutions, cloud-based services and artificial intelligence are integrated into the new academic program.

The academic programme should also respond to an industry-driven adaptive management structure. With the above requirements in mind, the Ministry of Human Resource Development (MHRD), Government of India, felt the need to set up an Institute of National Importance devoted to exclusively Information Technology (IT), Design and Manufacturing (D and M). It was envisaged that such an academic Institute would foster excellence in the desired areas of specialization and would facilitate and promote the competitive advantages of Indian products and manufacturing in global markets. Further, it would serve as an interdisciplinary center for research and innovation. The Indian Institute of Information Technology, Design and Manufacturing, Jabalpur (IIITDMJ), an Institute of National Importance, was thus established in January 2005. Strong industry interface, close-cooperation with other academic and research institutions and India-Japan collaboration are the key features of this Institute.

The institute is inclined towards imparting engineering and design skills to its students as well as nurturing the innate quality of every human being, that is, innovation.

WHY IIITDMJ?

IIITDM Jabalpur being an Institution of National Importance prides itself on the multi-faceted education for all its students. Graduating students are honed by the academic rigour and the challenging learning environment at the institute. Students are not just made proficient in their domains but also groomed to be good citizens and human beings.

Students have access to courses, research institutes, and faculty mentors. With exceptionally competent faculty, state-of-the-art resources, and individualized instruction, it's the perfect place for you to find talents for your organization.
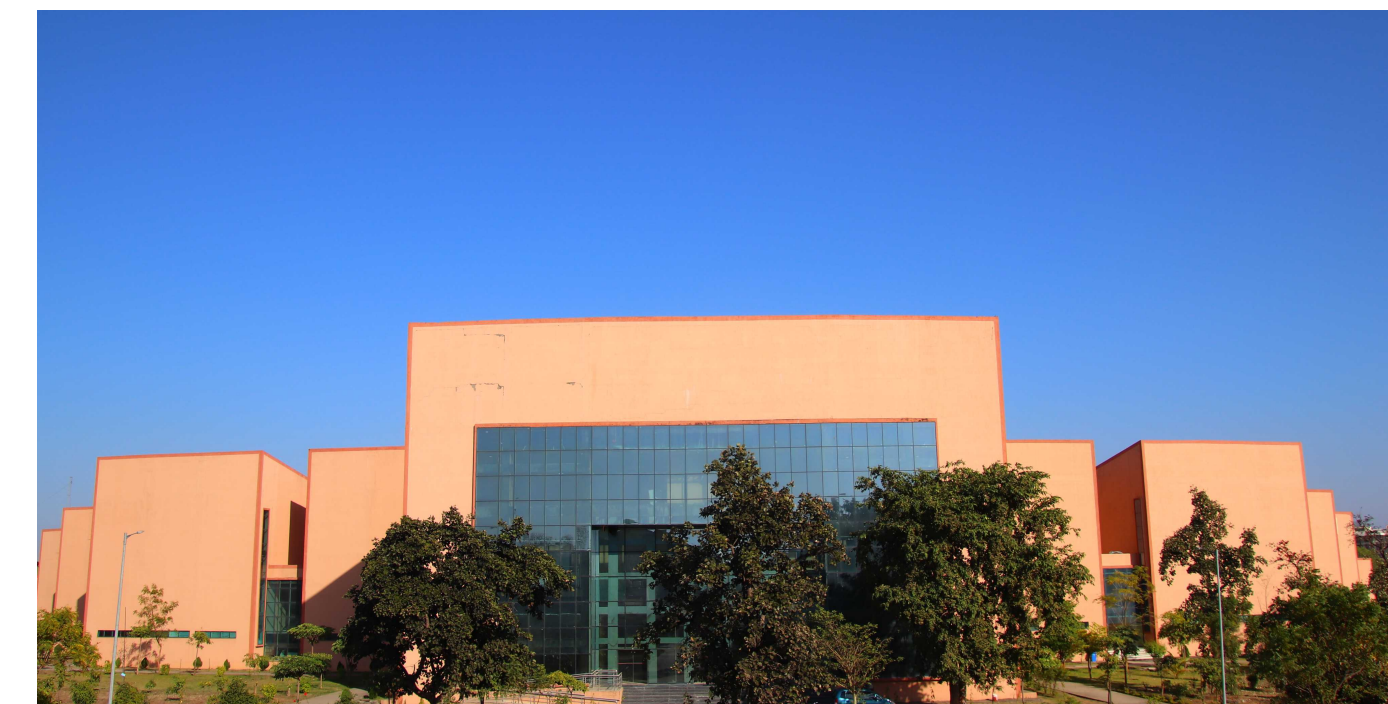
ACADEMIC AND INDUSTRY COLLABORATIONS

The IIITDM Jabalpur - Japan collaboration is an aspect of a wider partnership envisaged between India and Japan. The Institute is being developed and nurtured under India - Japan partnership as a unique Institute of its kind with a focus on IT-enabled design and manufacturing.

Universities

ABVIIITM Gwalior
BUCT, China
Chiba University, Japan
Kanagawa Institute of Technology, Japan
Kanagawa University, Japan
NMSTU, Russia
Rani Durgavati Vishwavidyalaya, Jabalpur
Shibaura Institute of Technology, Japan
The University of Tokyo, Japan
Tohoku University, Japan
Tokai University, Japan
Tokyo Institute of Technology, Japan

Industries / Companies

Altair, India
BARC, Mumbai
Bharat Forge Limited, Pune
BrahMos Aerospace, New Delhi
BRBRAITT, Jabalpur
CDSL, Mumbai
DCL (India) Limited
Directorate of Agriculture Engineering, Govt. of MP
Go-shakti Renewable Energy, Bangalore
IBM India Private Limited, Bangalore
OFK Jabalpur
Ordnance Factory Board, Kolkata
Smart City Lab GmbH iG, Germany
Zeus Numerix Pvt. Ltd. (ZNPL), Mumbai

Japanese Industry Collaborators

STARTUP INDIA

This initiative aims at fostering entrepreneurship and promoting innovation by creating an ecosystem that is conducive to the growth of Startups

Presenting the founders, CEOs of the Startups from our pride our ALUMNI!

Truebil
Mr. Subh Bansal
Co-Founder
Batch: 2008

Truebil is an online portal which sells certified used car. It provides a solution to all used car related needs with services. Truebil is acquired by Spinny on August 6, 2020.

Freshokartz
Mr. Rajendra Lora
Founder
Batch : 2009

Freshokartz provides soil data based crop and fertilisers to farmers. Freshokartz also sale seeds, pesticides and fertilisers through their physical   centres in the villages. Freshokartz is becoming one stop shop for all the farmers need in the rural India.

Crimson Healthcare Pvt Ltd
Mr. Neeraj Jasmathiya
Co-Founder, CTO
Batch: 2009

Crimson Healthcare is a startup focused on innovating cutting edge solutions for various problems in the healthcare   systems with advanced engineering and technologies. It aims to design, develop and commercialize innovative and affordable medical devices to improve the quality of life of patients.
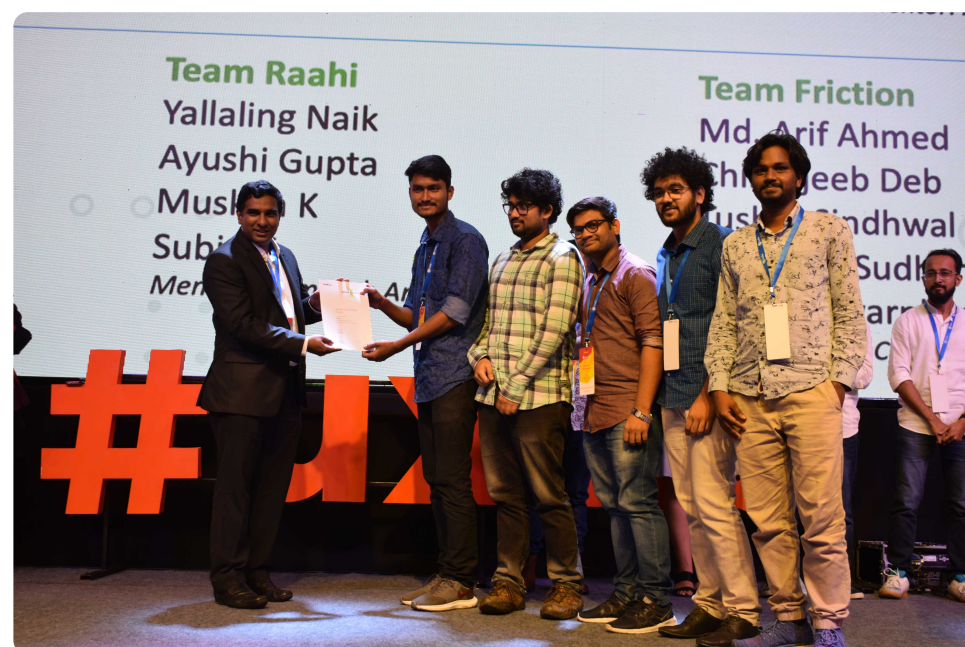
Cologne Prime
Mr. Kartik Singh & Mr. Anurag Bisht
Founder
Batch: 2016

Cologne Prime is a budding startup dedicated to provide innovative products and services that will improve daily lifestyle. The intent is to develop solutions that are customer centric, integrated, simple and safe.
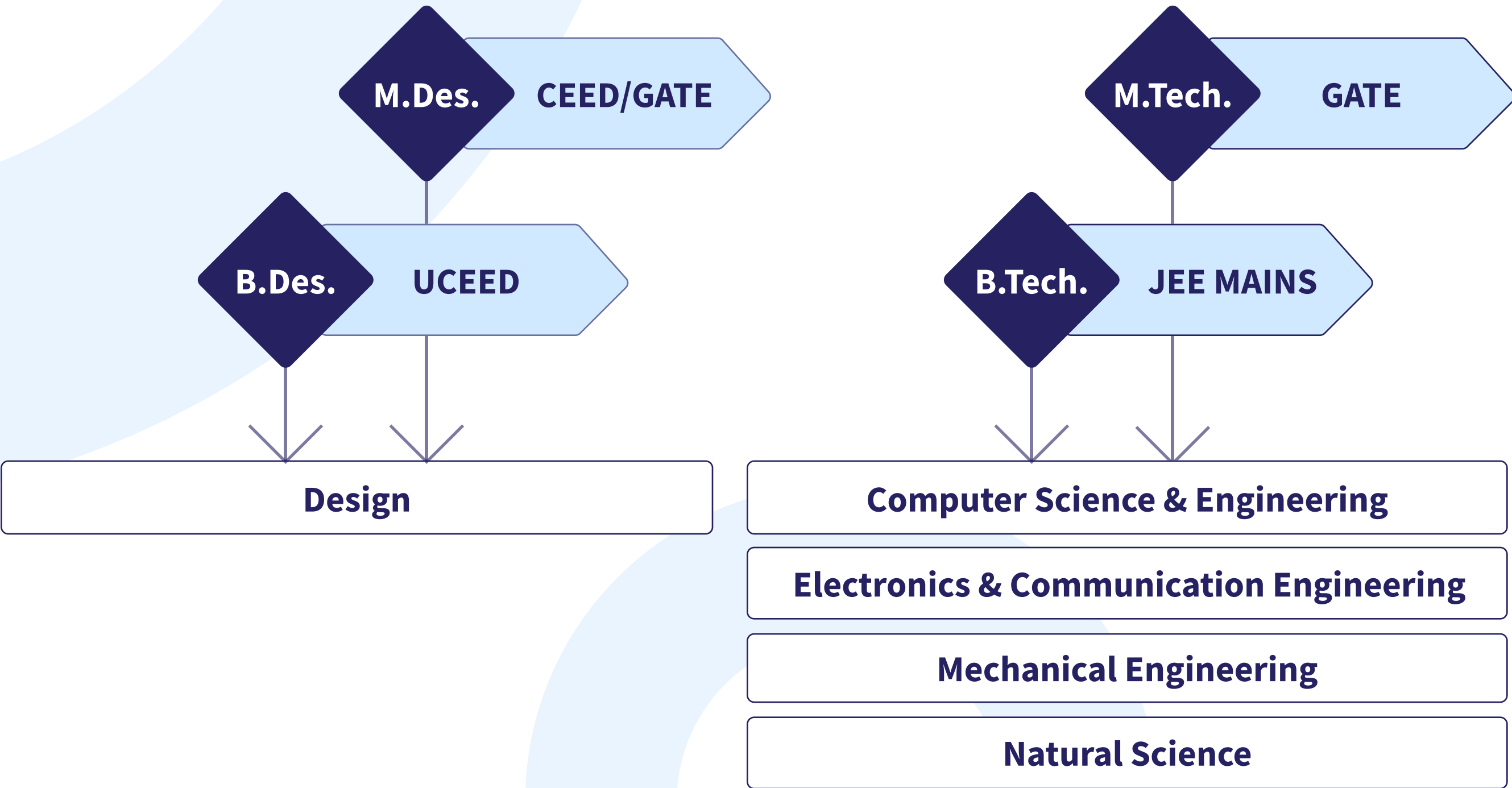
ACADEMICS

ADMISSION PROCEDURES

The admission procedures for the various courses offered by the institution are specific to the programme. The programmes and courses offered at the institute have the flexibility to evolve and change in response to new requirements. Credit-based academic programmes offer flexibility to students to progress at their own pace. This system ensures academic programmes that are dynamic, constantly evolving and reflect the institute's commitment to stay in-tune with the expanding frontiers of knowledge worldwide.

| M.Des. | CEED/GATE | | M.Tech. | GATE |
| B.Des. | UCEED | | B.Tech. | JEE MAINS |

Design

Computer Science & Engineering

Electronics & Communication Engineering

Mechanical Engineering

Natural Science

COMPUTER SCIENCE AND ENGINEERING

The discipline of Computer Science and Engineering consists of highly qualified faculty members and technical staff, committed to producing professionals and entrepreneurs with sound knowledge and skillset on cutting edge technologies. Advance lab facilities and project-based self-learning supported by courses on fundamental and emerging topics help groom students as true professionals to address emerging challenges of Society and Industry.

CORE COMPETENCY

Software Development
App Development
Web Development
Machine Learning and AI
Database Management
Computer Networking
Data Science
Core Programming
IoT | Cyber Security
Blockchain

STUDENTS

100

B.Tech.

22

M.Tech.

ELECTRONICS AND COMMUNICATION ENGINEERING

Electronics and Communication Engineering discipline aims to enrich students with a strong foundation of principles that mark the innovation in electrical and electronics technology. With A-class lab equipment and other e-learning facilities, the students are provided with a dynamic environment for learning and research. Online access to various reputed international journals not only keeps students aware of the most recent developments in the fields of electronics, but also serves as a motivation.

CORE COMPETENCY

Robotics | VLSI
Embedded systems
Communication and Networking
Computer Vision
ML/AI | IoT
Data science/Data analytics
Software Development

STUDENTS

89

B.Tech.

24

M.Tech.

MECHANICAL ENGINEERING

The discipline focuses on furnishing the students with theoretical concepts along with their practical applications. Under the guidance of an immensely experienced and highly qualified faculty, students not only learn the fundamental courses like Thermodynamics, Mechanics of solids, Manufacturing processes, etc. but also study about the latest technologies in the field of Mechanical engineering such as CAD and 3D Printing,IIoT, etc. With the India-Japanese collaboration, great importance is given to the 'Manufacturing' aspect, where the students learn about conventional machining concepts as well as advance manufacturing machines and processes. Also, the well-equipped labs with adequate manufacturing facilities lead students in gaining exposure to practically learn and implement the theories on machines. The discipline encourages students to opt for multidisciplinary knowledge.

STUDENTS

87

B.Tech.

22

M.Tech.

CORE COMPETENCY

Advanced Manufacturing, including Additive, Dieless & Hybrid Manufacturing
Microfluidics & CFD
Vibrations and Machine Dynamics
Supply Chain Analytics
CAD/CAM

Robotics & Automation
Smart Manufacturing
3D Printing & Prototyping
MEMS & Mechatronics
Composites & Smart Materials
Biomaterials & Bioengineering
Fault Diagnosis & Health Monitoring

Mechanical Design
Vibrations and Condition Monitoring
Finite Element Methods

DESIGN DISCIPLINE

In Design Discipline at IIITDM Jabalpur, a holistic and all-inclusive philosophy is applied to train human resources in the paradigm of Modern Design at Bachelor, Master and Doctoral level, so as to make them adept designers. The rigorous curriculum, the intense research methodologies, the diligent practice of skills creates knowledge-based professionals of design and innovation. Presently the Institute is offering a doctoral program (Ph.D.), a two years graduate level M.Des. course and the newly designed four years undergraduate level B.Des. course.

CORE COMPETENCY

Industrial Design	Game Design
User Experience	Transportation & Mobility Design
User Interface	Interior & Workspace Design
Film and Animation	3D Asset Creation
Design Research	Graphic Design
Service Design	Concept Artist
Communication Design	Motion Design
Space design	Food Design
Visual Storytelling	Motion Graphics
Sustainable Design	Advertising

STUDENTS

22
B.Des.

20
M.Des.

NATURAL SCIENCE

MECHATRONICS

PhD specialisation and electives

The Natural Sciences are an 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.

The physics discipline has six faculty members undertaking cutting edge research on Magnetic materials, Multiferroics, Nanomaterials for magnetism and other applications, Biomedical physics and Electrodeposited magnetic thin films, while the mathematics discipline has six faculty members focusing on Parallel Computing, Computational Fluid Dynamics, Hyperbolic IBVP, Spectral Methods, Probability Theory, Topological study of Wireless Networks and Wireless Communication.

Post graduate specialisation

Mechatronics deals with robotics, control systems, and electro-mechanical systems like mechanics, robotics, or production equipment. They have a knack for creative problem solving. Mechatronics engineers work well as a member of a team. The program has a special focus on hands-on-learning.

Mechatronics specialists can do quite a bit across multiple disciplines and have a solid base from which to grow. Mechatronics specialists know both mechanical and electrical engineering fundamentals—they speak both languages—so a mechatronics specialist can work with both mechanical and engineering teams. The students work in the areas of Smart Structures, Automation, Robotics, Smart Manufacturing, etc.

FACILITIES AND LABS

COMPUTER SCIENCE AND ENGINEERING

Image and Vision Engineering
IoT and Embedded Systems
Machine Intelligence

ELECTRONICS AND COMMUNICATION ENGINEERING

Communication Engineering Lab
Computational Electromagnetic Lab
FIST Lab and Basic Electronics Lab
Microwave Radiation Lab
Nano Electronics and VLSI Lab
Power and Control Lab
Signal Processing Lab

NATURAL SCIENCE

Atomic Force Microscopy (AFM)
Basic X-Ray unit
Box Furnace
Capacitor Charging Discharging Kit
e/m Thomson's Apparatus
Flywheel Sonometer
He-Ne Laser Four Probe Setup
Hysteresis Loop Setup
Millikan's Oil Drop Apparatus
Scanning Electronic Microscope (SEM)
Spectrometer
Tensile Machine, Optical Microscope
Tube Furnace
X-Ray Diffractometer (XRD)

DESIGN DISCIPLINE

Art Science and Design Lab
Ergonomics Lab
New Media Exploration Lab
Social Innovation Lab

MECHANICAL ENGINEERING

Advance Manufacturing Lab
Automobile Lab
Biomedical Engineering and Technology Lab
Computational Fluid Dynamics Lab
deLOGIC Lab
Fluid Mechanics and Heat Transfer Lab
Fused Filament Fabrication Lab
IT & Computational Lab
Kinematics and Dynamics of Machines Lab
Machine Dynamics and Vibrations Lab
Manufacturing Innovation Center
Material Characterization Lab
Measurement & Instrumentation Lab
Mechatronics Lab
MEMS and Microfluidics Lab
Robotics Lab
Smart Manufacturing Lab
Smart Structures and Composite Lab

ACHIEVEMENTS

⭐ **Microsoft PPO**
4 students

⭐ **Amazon PPO**
2 students

⭐ **Girlscript Summer of Code**

⭐ **IIC Innovation Contest**
MHRD; Finalist

⭐ **D'Source Corona Challenge**
Awards; 7 Teams Won

⭐ **Global Build Digital India Bootcamp**
Project Shortlisted

⭐ **D'Kalp 2021**
A national design challenge organized with industry collabs

⭐ **TEEP Summer Internship Program 2020**
3 Students Selected

⭐ **SwapIt App**
Indigenous File Sharing Mobile App

⭐ **MIT Beat the Pandemic**
Hackathon Winner

⭐ **SPARSH Fellowship**
Design Student Ashwath Nambiar

⭐ **ACMICPC 2020**
National Qualification SwapIt App

⭐ **Google PPO**
1 student

⭐ **Confluence Ideathon 21'**
Winners; Amanat Mishra (CSE) and Drishti Baid (Bdes) 2017-21

⭐ **Saarthi 3**
Funded by StartUp Gujarat

⭐ **Graduate Academic Internship**
National University of Singapore

⭐ **Myntra PPO**
2 students

⭐ **UxIndia 2020**
People's Choice Award Silver Winner

⭐ **Google Summer of Code**

⭐ **International Collegiate Programming Contest**

PLACEMENTS

PAST RECRUITERS

1MG	Clever Tap	Futor Labs	Karmaa Lab	Omax	TCS
2mee	Cognizant	G2Design	KIIT	Oracle	Tata Elxsi
AIIMS	Cogoport	GE	LSI	Over Cart	Think Design
AMAZON	Compro Technology	Global Logic	Lava International	Persistent	Trident Gropu
Accolite	Consure Medical	Grey Orange	Lensbricks	Play Games 24x7	TrueBil
Alfa-TKG	CosGrid	HCL	Libsys	Principal	UX Reactor
Altair	Coviam Technologies	Hacker Earth	LnT Infotech	Pxil	USID
Amada Japan	Creatively Scientific	Hella	Loktra	Quantiphi	UTC Aerospace
Arris	Credit Suisse	Hunger Box	MAQ Software	Raisoni Group	Utopia
Atkins Global	Cubical Laboratories	IBM	MU Sigma	Red Carpet	ValeBridge
Bamboo Centre	Cummins	IDC IIT B	Merger Ware	Reliance	Vassar Labs
BEL	DRDO	IRCON International Ltd.	Microsoft	SGT University	Wheelseye
BHEL	Directi	ISRO	NIIT	Samsung, Noida	Whishworks
BNY Mellon	EA Games	ITH Technology	NPC	Samsung, Delhi	Wipro
Bharat Forge	ECIL	Impetus	NSK	Samsung, Gurugram	Wisecells
BioQ Pharma	Eaton	India Mart	NUNC	Siemens	Works Application
Brahmos Aerospace	Elucidata	Inference Labs	New Rubric	Smartivity	Yantriks
Byjus	Emotix Mumbai	Infosys	Newgen	Societe Generale	Yodlee
Canon	Ericsson	Inkriti Solutions	Nira	Sprinklr	YUJ Designs
Capgemini	FPT University Hanoi	Internshala	Nokia	Sync Sort	Zeal
Capillary	Facebook	JTEKT	NXP Semiconductor	Synopsis	Zolostays
Catalyser	Furture First	KD Studio	OLA	TATA Technologies	Zoom Tail

RECRUITERS TESTIMONIALS

"The association of BrahMos Aerospace with IIITDM, Jabalpur has been very fruitful over the years.
The recruitment done in the past few years for the post of Executive Trainees has turned out be beneficial for the organisation as all the individuals recruited are performing very well in their assigned roles."
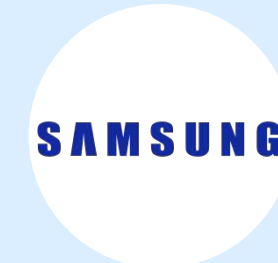
Mr. S K Iyer
Brahmos Aerospace

"We are delighted to have partnered with your institution for past so many years. It has been an amazing journey for us as an organization and we must congratulate the students from your institute."

Mr. Biswa Bhusan
Infosys

"We are happy with hires from PDPM IIITDM Jabalpur."

Mr. C. Mallarapu
Vassar Labs

"We hope to continue the partnership in the coming years and find the young passionate budding engineers from your Institute have innovative thinking and bend to learn new technology concepts."

Ms. Richa Singh
Samsung R&D

"I have no doubt that the reshaping of India in the much needed traction to the manufacturing sectors can only be provided by these youngster."

Ms. Ramitha Meloor
Nextuple

"We simply found a wonderful talent pool out here at PDPM IIITDM Jabalpur and exactly the kind of talent that Reliance Jio was looking for."
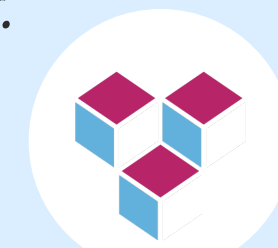
Ms. Riddhi Wadhwani
Reliance

"I have no hesitation in saying that the students of this Institute match with the very best in the world."

Ms. Radha Rao
Yantriks

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PLACEMENT TEAM

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Chairperson, Placement Cell
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Placement cum Public Relations Officer
Assistant Registrar
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Jr. Superintendent
Placement Cell

Mr. Rahul B Wankhade
Office Assistant
Placement Cell

Mr. Santosh K Gouda
Jr. Engineer (Elec)

Mr. Alok Kulkarni
Senior Technicial CC

Mr. Robinson Merkam
Jr. Technicial CC

Mr. Abdul Khan
Visitors Hostel

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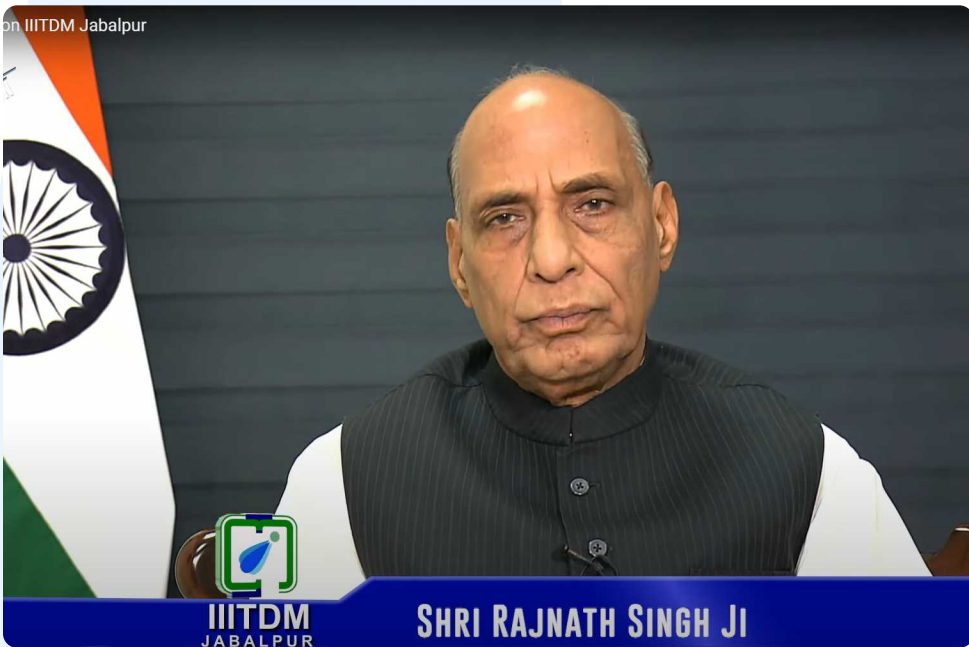**Anand Kumar Sah (ME)**
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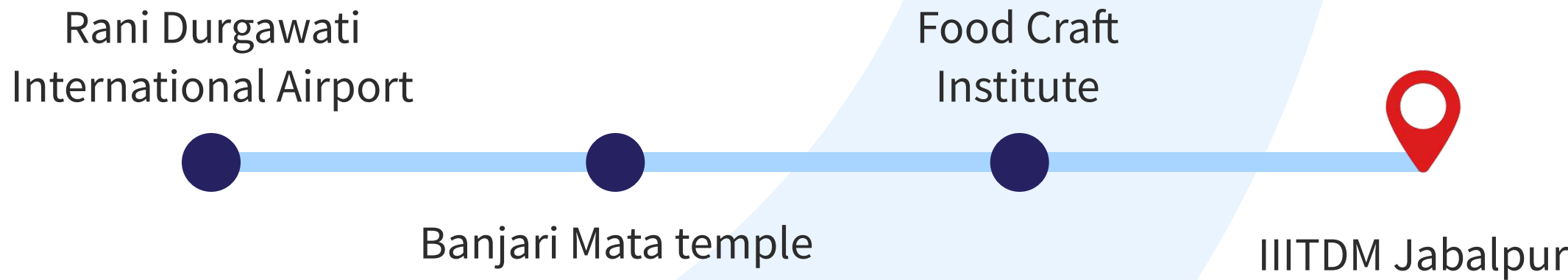+91 8179309779
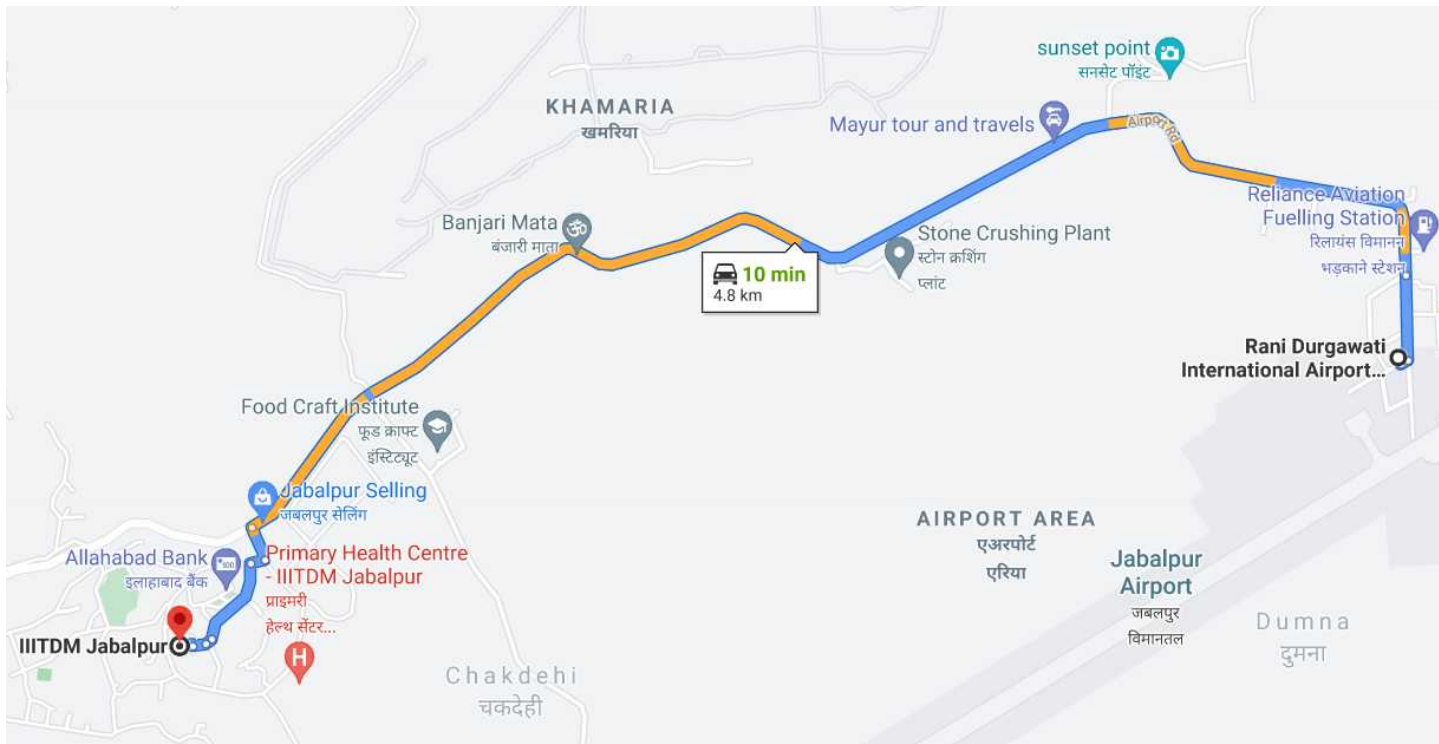
CAMPUS LIFE

EVENTS

ACTIVITIES AND CLUBS

REACHING IIITDM JABALPUR

DIRECTIONS FROM THE AIRPORT

Rani Durgawati
International Airport

Food Craft
Institute

Banjari Mata temple

IIITDM Jabalpur

4.8 km   ETA : **10 min**

https://maps.app.goo.gl/NgPEW3Ga3ByBNE8t5

DIRECTIONS FROM THE RAILWAY STATION

Jabalpur Railway
Station

Dumna Nature
Reserve Park

South Civil Lines

IIITDM Jabalpur

10 km   ETA : **20 min**

https://maps.app.goo.gl/kEaijvf9qtXJwE9o8

ABOUT   ACADEMICS   PLACEMENT   CAMPUS
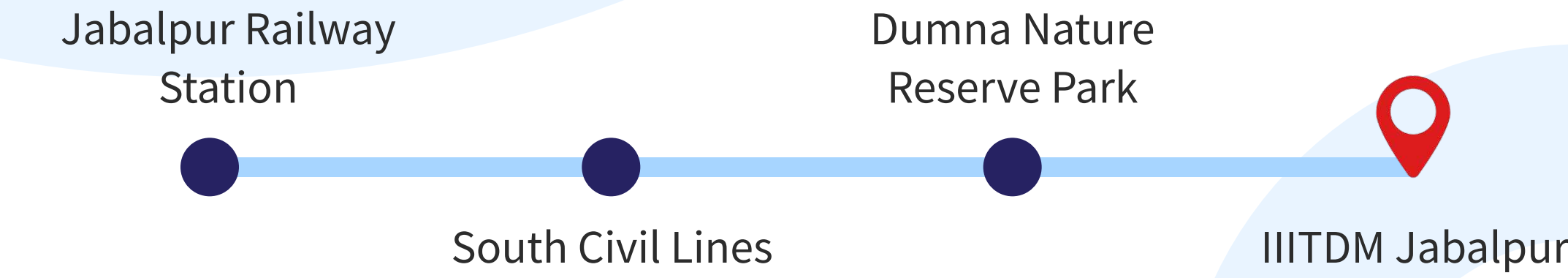
THANK YOU

CONTACT US TO KNOW MORE

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