



PLACEMENT BROCHURE 2026

मौलाना आज़ाद राष्ट्रीय प्रौद्योगिकी संस्थान

भोपाल

MAULANA AZAD

NATIONAL INSTITUTE OF TECHNOLOGY



BHOPAL

Department of Electronics and Communication Engineering
Maulana Azad National Institute of Technology,
Bhopal, Madhya Pradesh, India



*"The Science of today
is the technology of tomorrow."*

-Edward Teller

ELECTRONICS AND COMMUNICATION

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ABOUT MANIT

Established in 1960, Maulana Azad National Institute of Technology (MANIT), Bhopal is a leading institute of national importance, committed to excellence in technical education, research, and innovation. It offers a wide range of undergraduate, postgraduate, and doctoral programs, preparing students to meet global industrial and research challenges.

VISION

To evolve as a globally recognized institution, respected for academic excellence, innovation, and societal impact—where knowledge meets purpose, and education leads to transformation.

MISSION

To foster a collaborative and inclusive learning environment that promotes innovation, interdisciplinary research, and industry partnerships, while nurturing creativity, critical thinking, and entrepreneurship.



Dr. K. K. Shukla
Director, MANIT Bhopal

“

At NIT Bhopal, we don't just educate minds—we shape futures by nurturing talent, character, and a spirit of innovation.

”

FROM THE DIRECTOR'S DESK

It gives me immense pride to welcome you to Maulana Azad National Institute of Technology (MANIT), Bhopal—an Institute of National Importance that has been at the forefront of technical education in India since its establishment in 1960.

Over the decades, MANIT has built a rich legacy of academic excellence, innovation, and leadership. At MANIT, we aim to cultivate not only strong technical and analytical capabilities in our students but also the leadership and ethical values necessary to thrive in a rapidly changing global environment.

Our alumni, who have gone on to make significant contributions across diverse industries and sectors, stand as a testament to the institute's dedication to quality education and professional development.

We value our strong partnerships with recruiters, industry leaders, and alumni, which play a vital role in enriching our ecosystem. I extend a warm invitation to your esteemed organization to visit our campus for recruitment and explore opportunities for collaboration in research, innovation, and knowledge exchange.

FROM THE TPC HEAD'S DESK



Prof. Aruna Saxena
Training and Placement
Cell Head

“

It gives me immense pleasure to welcome you to the training and placement cell of NIT Bhopal..

”

I hope this message finds you well. As the head of the Training and Placement Cell, I want to highlight an important issue regarding the current job market. Due to the ongoing recession, we expect a decline in hiring across industries, leading to greater competition for placements. It is essential that you use the summer break wisely to build and enhance your skills, as this will greatly improve your chances of securing employment.

Recruiters today seek candidates with strong technical knowledge as well as essential soft skills. Whether you're aiming for core or non-core roles, focus on learning industry-relevant tools, strengthening theoretical foundations, and staying updated with current trends. At the same time, work on communication, teamwork, and problem-solving—skills that are critical in any professional environment.

For those pursuing summer internships, aim to secure a Pre-Placement Offer (PPO) by demonstrating dedication, reliability, and high-quality work. In today's uncertain job market, a PPO can be a valuable advantage. Stay committed, make the most of this time, and feel free to reach out to the Training and Placement Cell for any guidance. Wishing you all the best in your efforts ahead.

About the Department

The Electronics and Communication Engineering (ECE) department was established in 1970. The department has excellent labs and research facilities in VLSI & embedded systems, communication engineering, and signal processing.

To produce technical professionals abreast with competencies, mind-set and ethical values synchronous with the futuristic requirements of the globe and to strengthen the national economy. Department will strive to be the cradle for innovations.

- To design, develop and implement curricula of various programs using dynamic & responsive processes, in tune with the needs of the global industry and economy.
- To ensure an environment where students, faculty and staff are encouraged to enhance their intellectual curiosity and improve their technical and professional skills through Continuous Development programs.
- To promote reforms in the assessment/evaluation processes, ensuring reliable, valid, transparent assessment and certification of abilities of learners.

FROM THE HOD's DESK



Dr. R.N. YADAV
HOD, ELECTRONICS AND
COMMUNICATION
ENGINEERING

“

*It gives me
immense pleasure
to welcome you to
the Electronics and
communication
Cell of NIT Bhopal.*

”

As the Head of the ECE Department at MANIT Bhopal, I am delighted to introduce our exceptional pool of students who are eager to bring their skills and knowledge to your esteemed organization.

Our ECE program is designed to provide a robust foundation in both theoretical and practical aspects of electronics and communication engineering. Our curriculum is continuously updated to keep pace with the rapid advancements in technology, ensuring our students are well-versed in the latest industry trends and innovations.

I invite you to consider our talented students for your recruitment needs. We are confident that they will bring innovation, dedication, and a strong work ethic to your organization.

FACULTY INTRODUCTION

SN	Name	Area of Specialization	Publications	Experience (Years)
1	Dr. Aditya Goel	Optical Communication, Signal Processing.	112	34
2	Dr. Ajay Somkuwar	Signal Processing, Bio, Statistical Signal Processing	71	34
3	Dr. Madhu Shandilya	Image Processing	80	36
4	Dr. R. K. Baghel	Low Power VLSI	32	30
5	Dr. Arvind Rajawat	Embedded System and VLSI Design	22	32
6	Dr. Kavita Khare	VLSI Design	99	33
7	Dr. R. N. Yadav	Communication Systems, Neural Network, Image Processing	74	27
8	Dr. Jyoti Singhai	Audio Video & Image Processing	60	32
9	Dr. J. S. Yadav	Communication	34	27
10	Dr. Lalita Gupta	Signal Processing	42	20
11	Dr. Dheraj K. Agarwal	Digital Communication, Image Processing	76	23
12	Dr. Laxmi Kumre	VLSI and Digital System Design	22	22
13	Dr. Sangeeta Nakhate	VLSI Design	37	28
14	Dr. Alpana Pandey	Digital Communication	41	32
15	Dr. Bhawna P. Shrivastava	VLSI	38	19
16	Dr. D. K. Raghuvanshi	RF, VLSI and Communication	39	33
17	Dr. Vijayshri Chaurasia	Image Processing and Analysis	100	17
18	Dr. Varun Bajaj	AI and ML for healthcare application, biomedical signal processing	113	11
19	Dr. O. P. Meena	Communication Engineering	27	14
20	Dr. R. K. Chaurasiya	AI and Machine Learning, Brain-Computer Interfacing, Optimization	86	13
21	Dr. Manish Kashyap	Image Processing, Signal Processing, Machine Learning, AI	17	06
22	Dr A. Subba Rao	Antennas and MICs, Embedded Systems, Metamaterials	39	17
23	Dr. Atul Kumar	Wireless Communications, Quantum Communication, Visible Light Communications	20	07
24.	Dr. Sandeep Patel	Signal processing, multirate sensor array	05	18
25	Dr. Gaurav Upadhyay	RF and Microwave	07	06
26	Dr. Rahul Pal	Wireless Communication	08	04
27	Dr. Suryakant Gautam	AI/ML, Statistical Signal Processing, Sensor Fault Detection and Isolation	06	04
28	Dr. Vibhuti Chauhan	DTCO design of advanced CMOS technologies, Ferroelectric devices, VLSI applications.	09	01

CURRICULUM

B.Tech. in Electronics and Communication Engineering (ECE) was started in 1972. The current intake is of 173 students. Some key features of the program are mentioned below:

- Flexible course structure to either pursue Major Project in VIII semester in campus, or go for a six month internship with course work through NPTEL.
- Latest scheme with core, program and open elective subject, and project-based labs.
- Option of minor specializations in CSE and Mechanical Engineering.
- Compulsory summer internships and industry trainings for all students.
- Detailed Scheme and Syllabus are available on -

<https://www.manit.ac.in/content/electronics-communication-engineering>

Key Subjects and Research Areas in B. Tech. (ECE)-

- | | |
|--------------------------------------|--|
| »VLSI and Embedded Systems | »Satellite Communication |
| »Communication Systems | »FPGA-based Algorithm Design |
| »Digital Signal and Image Processing | »Radar & Navigation Systems |
| »AI and Machine Learning | »Data Compression and Interpretation |
| »Smart Antenna Design | »Video Signal Processing |
| »Microcontrollers | »Computer Vision and Pattern Recognition |
| »Broadband Optical Communication | »Probability Theory & Random Process |
| »Data Structures and Algorithms | »Professional Practices |

CURRICULUM

Laboratories -

The department has state-of-the-art laboratories equipped with latest equipment and software. The department has total 14 academic and research laboratories as mentioned below:

- › Radar Systems and Sensing Lab
- › 5G Use Cases Lab
- › Optical Fiber Lab
- › Microwave and Antenna Lab
- › Digital Image Processing Lab
- › Instrumentation and Control Lab
- › Analog and Digital Communication Lab
- › VLSI Lab and Computer Centre
- › Electronic Circuit Lab
- › Project Lab
- › Communication System Design Lab
- › VLSI Design lab
- › Digital Electronics and Microprocessor/Microcontroller Lab
- › Communication Network and Transmission Line Lab

Equipment or Software-

- » Cadence Tools
- » Synopsys Tools
- » Siemens EDA
- » Xilinx Tools
- » Microwave Benches
- » Vector Network Analyser
- » CADFEKO EM Simulator
- » IE-3D Antenna Design Simulator
- » TCAD Device Simulator
- » Simulia CST Studio Suite
- » MATLAB with Tool Boxes
- » On line Imaging Kit
- » Optiwave Software
- » Biometric Imaging Kits
- » LabView Setup
- » Emotive EEG Headset
- » Optical Fiber System Tools
- » Arduino and Raspberry Pi Boards
- » 5G Core, RAN, Evolution Module
- » IoT Gateway

Research Facilities at Institute Level-

- Rolta Incubation Centre
- Learning Resource Centre
- Central Computer Facility
- Professional Clubs
- Institute Library
- Technical Clubs

STUDENT ACHIEVEMENTS

Nethi Lehya Sri, Kriti Sharma, and Aman Shami (Final Year Students) were selected for the Government-Funded SPARC Indo-Taiwan Workshop on Semiconductor Manufacturing Technology, held in Taiwan.



01

Sai Sathwik Pabba and Somil Asati (Final Year Students) were selected for the SPARC Indo-America Workshop on Semiconductor Manufacturing Technology at Purdue University, USA, under a Government-Funded initiative.

02



Debanjan Rakshit, Dhanvi Shah, and Hozefa Travedi were declared Winners of Smart India Hackathon (SIH) 2024, showcasing innovation and practical problem-solving skills.

03



04



Sarthak Jain was a Finalist at Robofest 4.0, held in Gujarat, for his work in robotics and embedded systems.

Manav Marmat secured Joint 1st Place in BIS Hackathon 2024 and was shortlisted for the C-DOT 5G Hackathon 2025, reflecting strong innovation in communication technology.



05

SUMMER INTERNSHIP HIGHLIGHTS

01

4 students completed summer internships at BARC (Bhabha Atomic Research Centre).



02

Tanishq Sarda received the International Aakar CENEX Award from IIT Bombay, in recognition of his innovative contributions to engineering design.



03

11 students interned at DRDO (Defence Research and Development Organisation)



04

3 students undertook research internships at IISc Bangalore.



05

Multiple students secured internships at top-tier tech companies including Google, Microsoft, Qualcomm, Cisco, and others.



FACULTY ACHIEVEMENTS

Dr. Aditya Goel received the Dr. Sarvepalli Radhakrishnan Distinguished Professor & Research Excellence Award 2024 by IMRF, registered with NITI Aayog, Government of India.

Dr. Vijayshree Chaurasia won the Best Presenter Award at the 16th IEEE International Conference on Computer and Automation Engineering, Melbourne, Australia (2024).

Dr. Varun Bajaj was recognized among the Top 2% Researchers/Scientists globally by Stanford University, USA (2023–2024).

Dr. R. K. Chaurasiya received the SERB International Travel Support Grant to present at the 7th International Conference on Control, Automation and Diagnosis (ICCAD'23), Rome, Italy.

Dr. Gaurav Upadhyay was awarded Best Paper Award at the MAC 2025 Conference, affirming the department's commitment to impactful research.

COLLEGE LIFE

Life at NIT Bhopal is dynamic and full of energy, with something exciting happening at every turn. The campus is equipped with top-notch facilities, ensuring students have all they need to navigate through their academic and personal journeys. From cultural and technical festivals to yoga sessions for relaxation, there are ample opportunities for students to showcase their talents and connect with their peers. Additionally, Bhopal's blend of urban conveniences and natural splendor provides a rich backdrop for exploration and adventure.



COLLEGE LIFE

MAFFICK

Maffick is the annual cultural festival of MANIT Bhopal and one of Central India's largest college fests. It features events like dance battles, fashion shows, street plays, and musical nights, attracting participants from across the country. With performances by renowned artists and a vibrant atmosphere, Maffick is a celebration of creativity, talent, and student life.



TECHNOSEARCH

Technosearch is the annual technical festival of MANIT Bhopal, established in 2003 and recognized among Central India's top tech fests. It hosts robotics contests, coding challenges, IoT workshops, and events like Hydroball Frenzy. With thousands of participants and cultural evenings like ProNites, Technosearch blends innovation, learning, and entertainment—reflecting MANIT's spirit of technical excellence.

E-SUMMIT

E-Summit is the annual entrepreneurship festival of MANIT Bhopal, organized by the E-Cell and ROLTA Incubation Centre. As Central India's largest fest of its kind, it features Startup Expo, B-Plan contests, IPL Auctions, and Stock Trading simulations. With talks by leaders like Sandeep Jain and 50+ startups involved, E-Summit offers great opportunities for learning, innovation, and networking.



TOORYANAAD

Tooryanaad is India's largest inter-college Hindi festival, held annually at MANIT Bhopal. It celebrates Hindi language and culture with competitions like dance, singing, plays, debates, and poetry. The event draws students nationwide, promotes cultural exchange, and offers prize money. The 13th edition was inaugurated in September 2024 by the state governor.

STUDENT CLUBS



Google Developer Student Clubs

GDSC MANIT Chapter build a student-run open community that learns and grows together. GDSC connects Google developers, students, and managers willing to grasp and dispense knowledge through peer-to-peer teaching.

ISTE MANIT has hosted some of the most happening and popular events in the previous year. The flagship event "Chimera" attracted a footfall of more than 2000 and was touted as Central India's Largest Quiz Fest.



The programming club of MANIT organizes coding contests and weekly classes on DSA for students so that they can perform well in the internship and placement interviews.

Entrepreneurship Cell NIT-Bhopal (MANIT) is a voluntary organization with the principal objective of promoting start-up culture and building an entrepreneurial environment.



Roobaroo, the cultural society of MANIT, is a hub for diverse talents in dance, art, anchoring, writing, designing, theatre, and more. It provides a platform for individuals with artistic abilities to showcase their unconventional talents.

STUDENT CLUBS



VISION EE ECE is a technical society within the Maulana Azad National Institute of Technology (MANIT) Bhopal that focuses on Electrical Engineering (EE) and Electronics and Communication Engineering (ECE). It aims to provide a platform for students to showcase their technical skills.

QCM is the official Quizzing Club of MANIT Bhopal. They try to bring like-minded quizzing enthusiasts together on a platform for mutual sharing of ideas and probing the globe of knowledge.



Robotics Club MANIT is a dynamic venue for the community of robotics enthusiasts that are eager to learn and apply their knowledge and skills in creating marvels in the robotics world.

IEEE is the world's largest technical professional organization. It is dedicated to the advancement of technology for the betterment of humanity. Its core purpose is to foster the technological innovation and excellence. Believing in the same ideology and to carry this envisioned purpose, IEEE MANIT Student Branch ventures to be conducive and works assiduously towards achieving its goal.



The Society of Automotive Engineers at MANIT ventures to promote extensive engineering, designing and fabrication dedicated to create innovative solutions and advanced technologies in the field of automobiles. SAE MANIT has been a constant participant of the various competitions organized by SAE INDIA like E- Baja, M- Baja and Supra.

STUDENT CLUBS



A student-led organization at NIT Bhopal is committed to advancing financial literacy, innovation, and development.

Intellect Browsers' Consortium is the literary cum management society of NIT-Bhopal dedicated to broaden the literary knowledge base and enhance the managerial skills of the students.



आरोह तमसो ज्योतिः

Aaroha is a non-governmental organization (NGO) based in Bhopal, Madhya Pradesh. The organization works towards empowering the underprivileged sections of society through various initiatives such as education, healthcare, and sanitation. As the name suggests, the organization is committed to the cause of enlightening the lives of the poor children and drivin them away from the darkness of illiteracy.

PLACEMENT PROCESS

The Training and placement centre sends Invitations to companies and organisation along with relevant information

01 INVITATION

02 SLOT ALLOCATION

If the companies interested in conducting a pre-placement talk (PPT) they can send a request along with the preferred dates.

Interested and eligible (as per the criteria specified by the Company/Organisation) students show their willingness to appear for the recruitment process by undergoing a registration process.

03 PRE- PLACEMENT TALK

04 CANDIDATE EVALUATION

The Company/Organisation is required to furnish the final list of selected students at the end of the assigned interview slot.

Placement Centre and Companies coordinate to fix a convenient date for recruitment procedure viz. tests and/or Interviews after considering factors like student preferences, job profile etc.

05 RESULT DECLARATION

PLACEMENT POLICIES

Students of 2025-26 batch attending the campus process may note the following placement regulations.

01

ONE STUDENT ONE JOB

Every student eligible for the campus recruitment is entitled to only one job. Student is not allowed to exchange the job once he/she gets placed in the company.

02

PUBLIC SECTOR UNDERTAKING COMPANIES

If a student gets selected in any PSU (Either Dream or Normal), he/she is not eligible for any other company, whatsoever be the company's status.

03

DREAM STATUS POLICY

The institute would be giving Dream Status to certain companies based on their market reputation and the profile that is being offered to students. The eligibility of the company for "Dream Status" lies solely in the hands of the Training & Placement Officer.

PAST RECRUITERS

A

Accenture
Academor
Aditya Birla group
AMD
Applied material
Appointy
Axella
Avaintern
Arm technologies
Axis bank

B

Bajaj auto
Biz 4 solutions
Blackrock
Bharat electronics
limited
Box8

C

Clarity
CDOT
CGI
C-DAC
Cashfree
Celigo

D

Datoms
Deltax
Deshaw
Deutsche bank
Dolat capitals
Darwinbox
Decimal points
analytics

E

EXL
Electronics art
Edustations

F

Flipkart
Future first
Fiserv

G

Google
Growth jockey
GE Vernova
Goldman sachs
Greenko
Genpect

H

Hinduja renewables
Hexaware
Hmel
HCL technologies

I

Icici
Info objetcs
Infosys
Idbi bank
Intellipaat
Infineon technologies

J

Juspay
JPMC
Jivox
John deere
Junglee games

L

Leap finance
Logic fruit
technologies

M

Meesho
Micron
MSCI
Microsoft
Merilytics
Morphle labs
Media.net

N

Nvidia
Nutanix
Nextuple
Nucleus teq
Nation with namo

O

Oracle
Optum
O9 solution

P

Piramal
Practo
Porter
Procdna
Paypal
Park+
Pie infocomm
Panel iq

Q

Qualcomm
Qbits lab
Quantipathi

R

Reliance
Renasas

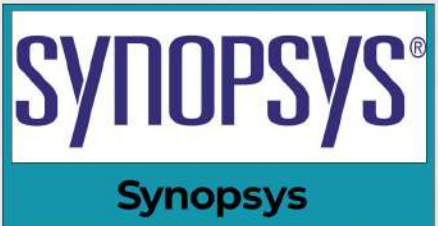
PAST RECRUITERS

- S** Steradian
Semiconductor
Straive
Sigmoid
Siemens EDA
Samsumg R&D
Sedemac
Schneider electric
- T** Tata power
Texas instruments
Trianz
Tudip technologies
Toshiba
Truminds

- U** UKG
UI path
- V** Vassar lab

- W** Wells fargo
Winjit Technologies
- Z** Zscalar
Zs Associates
ZL technologies
Zomato

Companies That Trust Our Talent



PAST RECRUITERS



Amazon



Microsoft

Microsoft



Epic



Tata



Deutsche Bank



DE Shaw



JP Morgan



Deloitte



JOHN DEERE

John Deere



Barclays



Morgan Stanley



BAJAJ

Bajaj



Adani



Maruti Suzuki

Futures
First

Futures First



JK Tyre

Edelweiss
Ideas create, values protect

Edelweiss



Adobe

PAST RECRUITERS



HONDA

Honda



IBM



Idea



Mahindra

SAMSUNG

Samsung

Qualcomm

Qualcomm



Reliance

Reliance



SG Analytics
Life's Possible

SG Analytics



Wipro



Airtel



Bharat Bijlee

Bharat Bijlee



Zomato

< CODE_NATION >

Code Nation

Axxela

Axxela



Meesho



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