**MANIPAL UNIVERSITY JAIPUR**
INSPIRED BY LIFE

**nirf**
RANKINGS 2022
Engineering: 75 | Management: 85
University: 101-150 (Rank-Band)

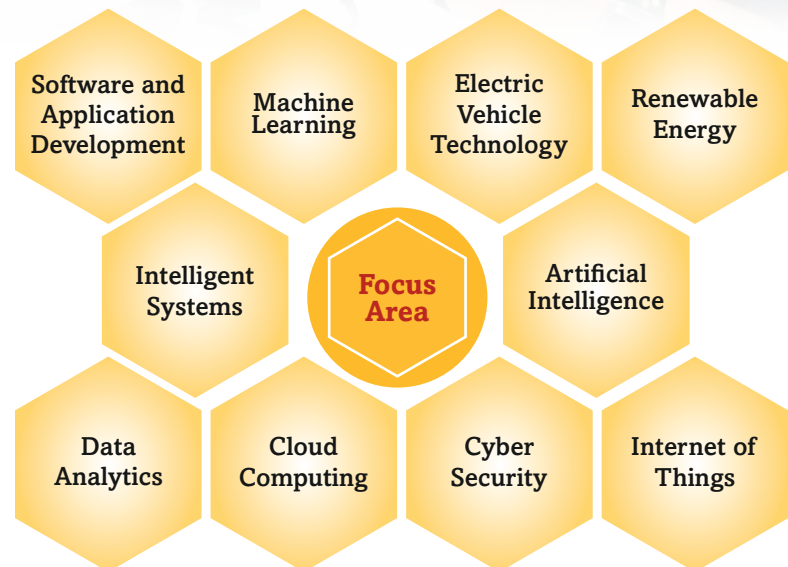ACCREDITED WITH GRADE
**A+**
NAAC

# B.Tech
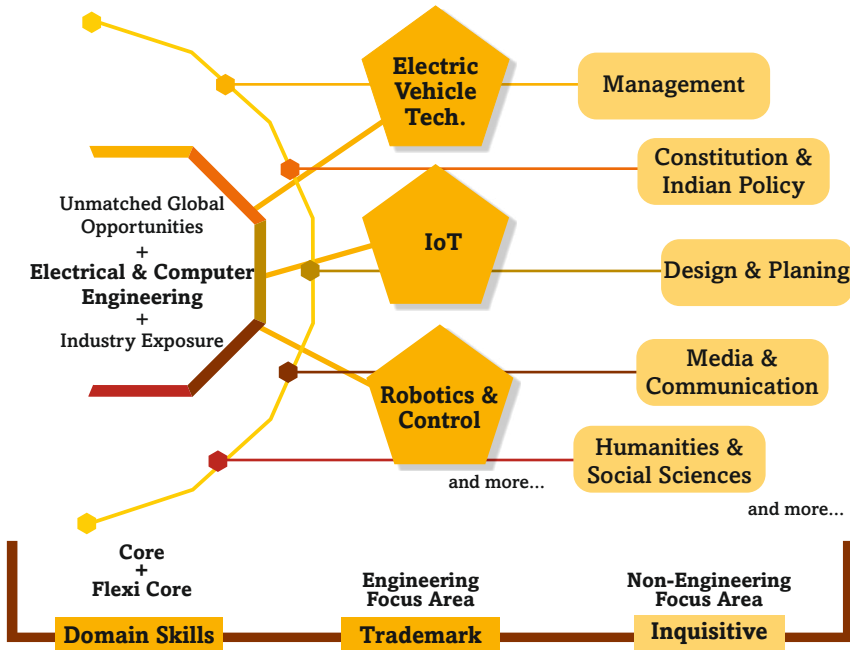## Electrical and Computer Engineering

### Design your own Degree and Career

### About the Department

- State-of-the-art laboratories
- MoU with renowned Universities and Industries
- Team of experienced and committed faculty members with multidisciplinary exposure
- Well-designed and Industry ready flexible curriculum as per NEP-2020
- Strong alumni base spread across the Globe
- Adopting recent educational tools and online platforms
- IAESTE student exchange program provides international

Software and Application Development

Machine Learning

Electric Vehicle Technology

Renewable Energy

Intelligent Systems

**Focus Area**

Artificial Intelligence

Data Analytics

Cloud Computing

Cyber Security

Internet of Things

## Program Offered

Electric Vehicle Tech.

Management

Constitution & Indian Policy

IoT

Design & Planing

Unmatched Global Opportunities
+
Electrical & Computer Engineering
+
Industry Exposure

Media & Communication

Robotics & Control

Humanities & Social Sciences

and more...

and more...

Core
+
Flexi Core

Engineering Focus Area

Non-Engineering Focus Area

Domain Skills

Trademark

Inquisitive

## Salient Feature of the Department

| 15 Teaching Staff | 80+ Higher Studies Abroad | 05+ B.Tech. Minor Specialization |
|---|---|---|
| 500+ Alumni | 6 International & National MoU | 100+ Journal Publications |
| 06 Patent Filed/Published | | 05 Copyright Registered |

## Prominent Recruiters

- Dell Technologies
- Adani Group
- Birla Soft
- JSW
- Codalien Technologies
- GlobalLogic-Hitachi
- Goldman Sachs
- Hexaware Technologies
- Secure Meters
- HOP Electric Mobility
- ABS India
- ZS Associates Pvt. Ltd.
- SmartServ
- TCS NQT

- Hero Motocorp
- Intellipaat
- TCS Digital
- Deloitte India
- Ather Energy-Hiring
- Challenge
- CEPTON
- Verzeo
- Mettl Mercer
- Accenture
- The Math Company
- Capgemini
- Cognizant
- DXC Technology

## Key Highlights of the Program

- Department has well equipped laboratories.
- All the classrooms are facilitated with state-of-art teaching modes.
- Tie up with industries involved in research and development.
- Periodic modification of the course curriculum as per the industry requirements.
- Periodic updation of the In-house Laboratories as per current industry / research requirements
- Active involvement of staff in R & D activity

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## State-of-the art Lab Facilities

- Microcontroller and Embedded systems Lab
- Digital Signal Processing Lab
- Power Electronics Lab
- Electrical Machines Lab
- Control and Automation Lab
- Integrated Electronics Lab
- Hands on learning with multiple programming environments

## Unique Research Facilities

- National Instruments DAQ system & LABVIEW
- High end software such as PSIM, DIgSILENT Power Factory, Altair Embed
- Solar Emulator

## National and International Collaborations

- Univarsite du Quebec en Outaouais, Canada
- SAMARA University, Russia
- CEERI, Pilani
- Secure Meters Pvt. Limited
- Swem Water Tech (India) Pvt. Ltd
- Vi Microsystems

## The MUJ EDGE (Why MUJ)

- NAAC A+, AICTE, and UGC Accredited Institution
- Enhances Interdisciplinary Research
- Highly Qualified Faculties
- State-in-Art Laboratories
- Individual Attention to Students
- PRAISE incentive policy for research publication
- Excellent Infrastructure
- Scholarship for Students
- Student Travel Grant for International Internships
- Industry and International Collaborations

## Career Opportunities/Fields in various sector

- Data Analyst/Scientist
- Software Developer/Manager
- Database Design & Manager
- Electrical Design Engineer
- Instrumentation Engineer
- Power sector industry

## Eligibility

The candidate must have passed 10+2 or A Level or IB or American 12th grade or equivalent examination with Physics, Mathematics and English as Compulsory subjects, along with 50% marks.

**Visit MUJ website for further details:** https://jaipur.manipal.edu

## Fee structure

| Program | Program Fee (For 4 Years) | |
| --- | --- | --- |
| | Indian (Rs) | International (USD) |
| B. Tech - ELC | 12,61,000/- | 28,300/- |

## Scholarships

- TMA Pai Engineering Scholarships
- Scholarships for Lateral Entry (B. Tech.)
- TMA Pai Merit Scholarships
- Rajasthan Merit Scholarships
- Financial Assistance for Sibling(s)
- Scholarship for "Differently- abled" Students
- Scholarships for wards of Martyrs of Defence Personnel / Para Military Forces
- Scholarships for the wards of Single Mother & Orphan Child
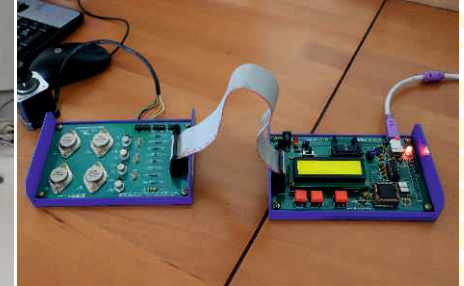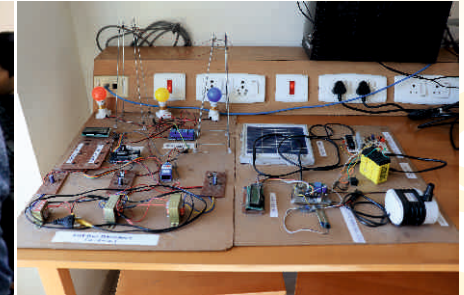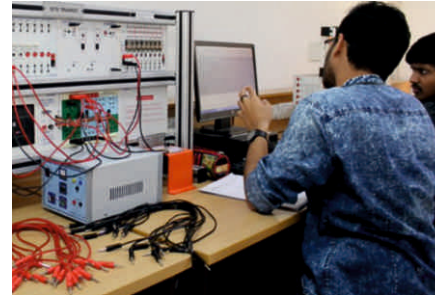
**Lab Activities**
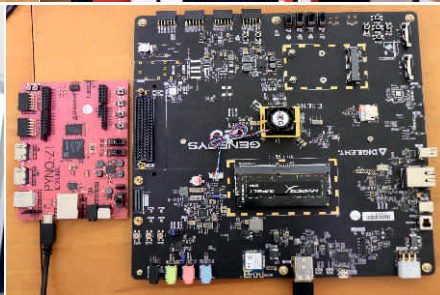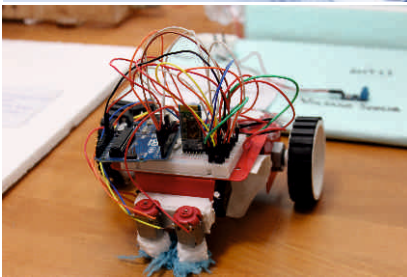
## Testimonials

### Ansh US Gupta
Student

"Thrilled to share my experience with the Electrical & Computer branch at MUJ. From the very beginning, I was impressed by the innovative and forward-thinking approach of the faculty and the curriculum. The branch has recently introduced with new concepts and technologies that have kept us at the forefront of the industry."

### Naman Somani
Student

"I am currently pursuing a B.Tech in Electrical & Computer Engineering from MUJ. I am extremely grateful for the invaluable experience I have gained so far in this program. The faculty members have been extremely knowledgeable and supportive, always willing to go above and beyond to help students succeed. The hands-on learning experiences and practical applications of the concepts learned in the classroom have been instrumental in shaping my career path."

### Mohammad Arshan Khan
Student

"Electrical & Computer Engineering has given me so many amazing experiences that I would not have had at any other university. It has really redefined itself to create new interests for students, while focussing on fundamentals. For example, going into university I had no idea that would have an interest for some Engineering concepts and practices; however, it gives me the opportunity to explore those courses through the technology concentration."

### Vivek Singh
Student

"I am very glad to share my positive journey at 'EE@MUJ. Here the atmosphere is full of motivation and innovation. The faculty members are enthusiastic and always ready to help."

### Dhruv Verma
Student

"MUJ provides a conducive environment for growth, learning and inspires its students to incessantly strive for excellence in every field."

### Akshada Aggarwal
Student

"I relished hostel life with lots of masti, especially during the various events organized from day to day. Most of all I enjoyed the studies. Teachers are supportive and as friendly @ EE."

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## Admission Process

Application form initiated through our website
**admissions.jaipur.manipal.edu**

Applicants must submit a completed application
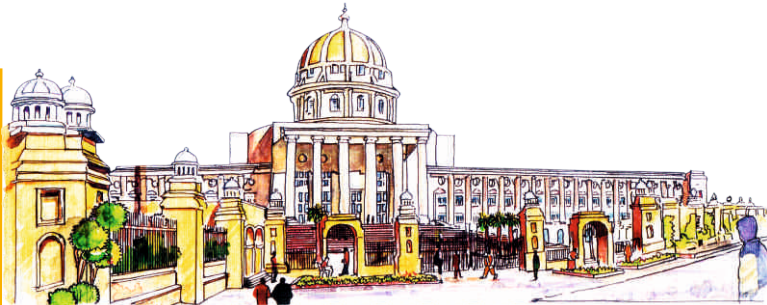form with relevant documents within the due date.

Our counsellors will guide candidates through the
admission process, which is as per regulatory requirements.

**FAQ**

Please visit the FAQ section on our website to
know more about the admission process.

## Hostel Details

⌖ **goodhostspaces.com**  ☎ **08069122800**
**info.jaipur@goodhostspaces.com**

## Counsellor Contact Details

**Ms Radhika**
📞 **8306006860**

More about the Department
Scan the QR Code

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*(University Under Section 2(f) of the UGC Act)*

📍 Dehmi Kalan, Jaipur-Ajmer Expressway, Jaipur, Rajasthan - 303007

✉ admissions@jaipur.manipal.edu   |   **Follow us on :**  f  t  in  ⦿  ▶  G+  p

⌖ jaipur.**manipal**.edu  |  ☎ **1800 1020 128**

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