

PROMINENT RECRUITERS



Asahi Glass India Ltd

Horizon Microtech Pvt Ltd

Bosch Rexroth

Imeg Corp

Chiripal Group of Companies

Infosys

Collabera, Einfochips

Kaizen Switchgear Products

INDUSTRY SUPPORTED INTERNSHIPS



Aditya Birla Nuvo Ltd.

ONGC Ltd.

Alstom India Ltd

Megha Roto- Tech Pvt. Ltd

Apollo Tyres Ltd

Schneider Electric Infrastructure Ltd.

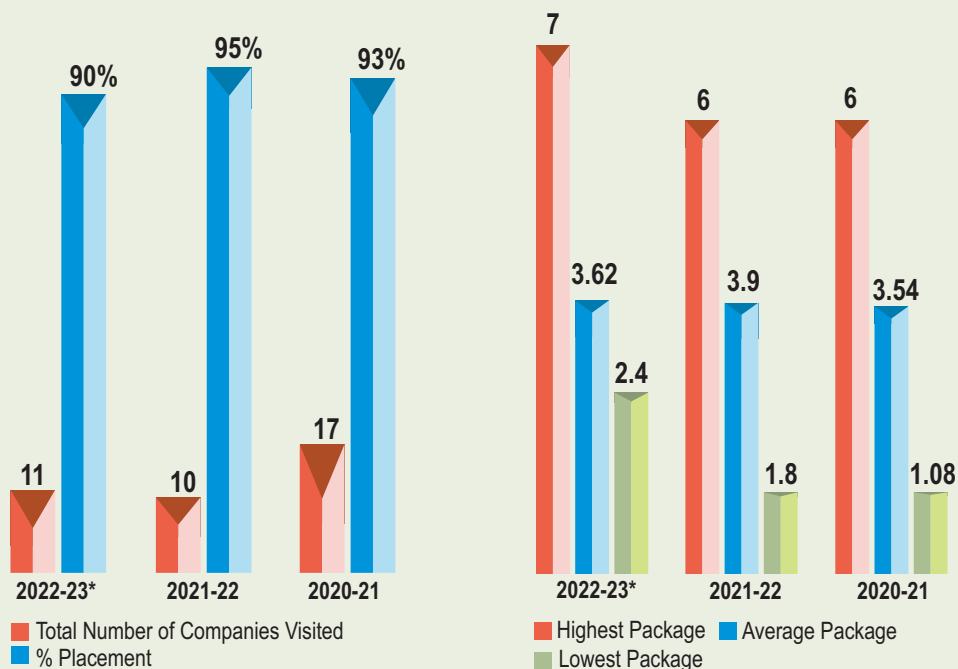
INDUSTRIAL VISITS



PLACEMENT SUMMARY

No. of Companies Visited and % placement

Package Offered in Lacs



CABLES & WIRE TESTING LAB

Test Facility available at Laboratory (IS Standards)

- Thermal Stability Test
- Smoke Density Test
- Halogen Gas Emission Test
- Oxygen Index with Temperature Index Test
- Flammability Test
- Thermal Ageing Test
- Volume & Surface Resistivity Test
- Tensile and Elongation at Break Test



Brochure



M & V Patel Department of Electrical Engineering

Charotar University of Science and Technology,
CHARUSAT Campus, Changa, Taluka: Petlad, Dist: Anand, Gujarat (India) 388 421



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Department of Electrical Engineering, Charusat



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M & V Patel Department of ELECTRICAL ENGINEERING

With Minor Specialization in

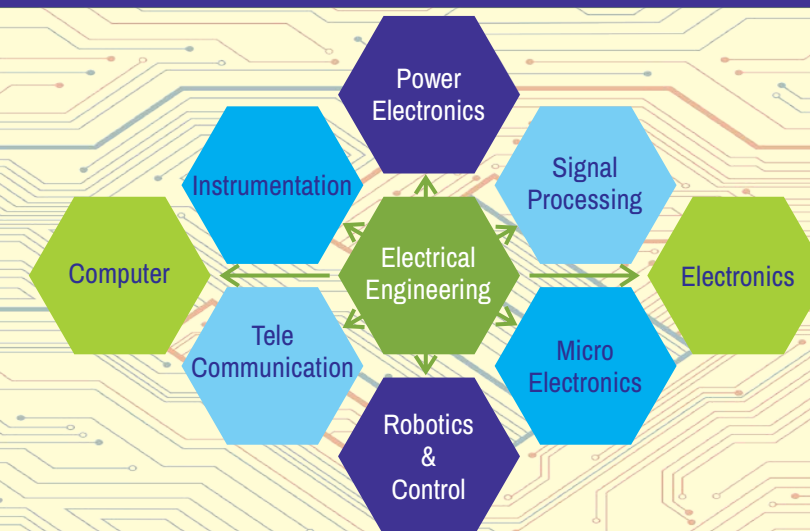
• Artificial Intelligence & Machine Learning • Electric Vehicle Systems •



Career Options for EE

Job Opportunities		
Private Sector	Public Sector	Government Sector
Business Opportunities		
Electrical Contractor	Electrical Consultant	Electrical Goods Manufacturing
Further Study, Research Opportunities		
M. Tech. Ph.D.	Scientist ISRO, BARC, DRDO	M.S. in Foreign University

Sub-Disciplines



LABORATORIES FACILITIES

High-Tech Simulation Laboratory

- 50 computers with i7 processors.
- Hi-Tech simulation software in field of electrical machines, power system and electronics.

Softwares



Programmable Logic Controller Lab

- Schneider Electric Make PLC Kit M340 Series Processor, 1024 digital & 256 analog I/O



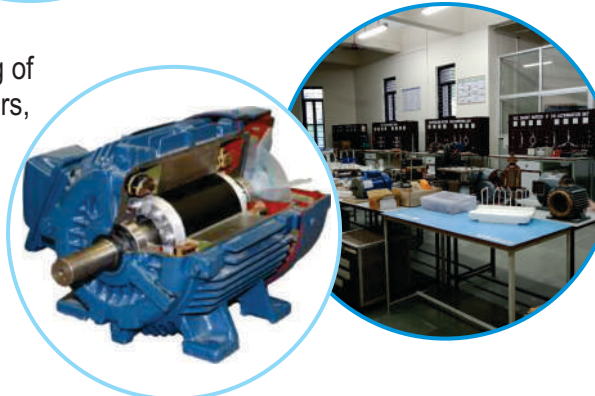
High Voltage Lab

- 100 kV AC/140 kV DC Test facility
- 150 kV Impulse Voltage generation facility



Electrical Machines Lab

- Sets of operations and testing of Transformers, Induction motors, DC motors, Alternator and Special Electrical Machines.



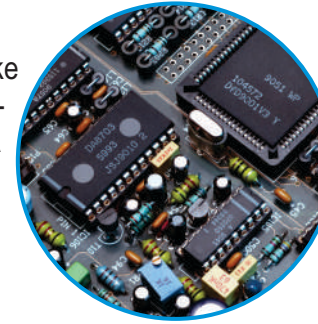
Power Electronics & Drives Lab

- Experimental kits of power electronics devices, DSO, MSO, Harmonic analyzer and DSPACE –ACE 1103 Kit.



Microcontroller & Digital Signal Processing

- Low end to high end microcontroller platforms like 8051, fast C8051f120 - CIP51 core, PIC, ARM-M3, ARM-M4, TMS320F28335 and FPGA development boards.



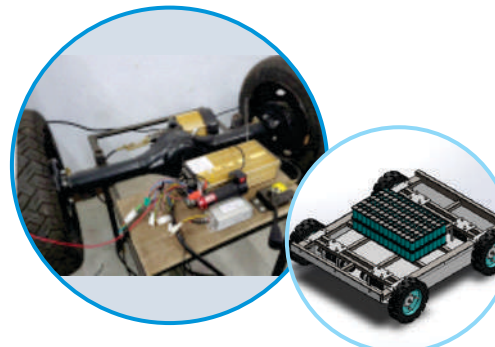
Power System Protection Lab

- Conventional electromechanical and sophisticated numerical relays for transformer, generator, motor, bus bar and transmission line protection.



Renewable Energy Lab

- Experimental panels of Doubly Fed Induction Generator based wind energy conversion system.
- VSC based FACTS controllers, MPPT Boost Converter for Solar, Dynamic Voltage Regulator (DVR).

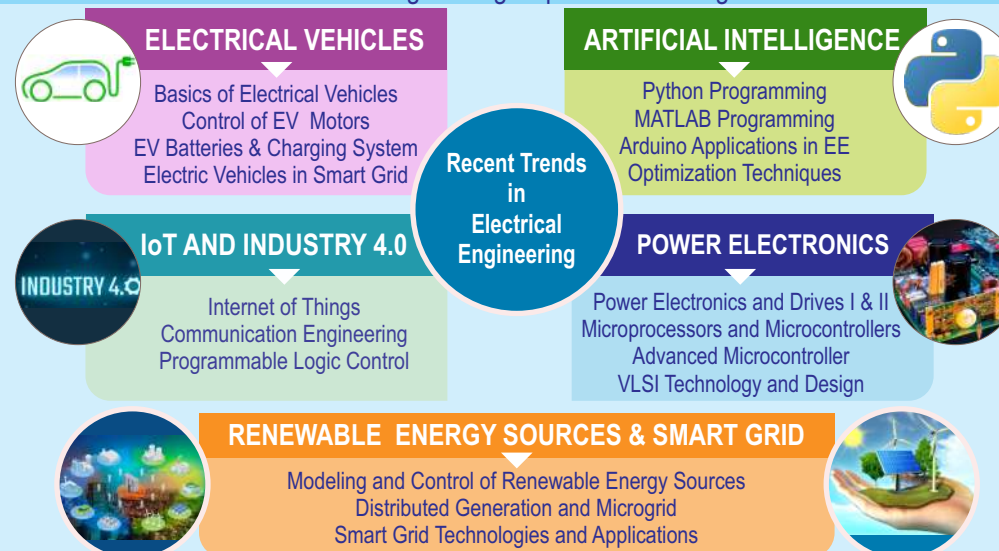


EV Lab

- I-epectrik made 48-50 A , AC charger for Electric Vehicle
- Differential Gear drive for EV applications with controller.

WHY ELECTRICAL ENGINEERING AT CHARUSAT ?

Courses offered at Electrical Engineering Department are aligned with recent trends



Opportunity to earn a certificate in Electrical Vehicle System with collaboration of MG Motors India Private Limited.

STUDENT ACHIEVEMENTS

- Formula Bharat Virtual (FBV) event 2021-22
- Low cost Electric two wheeler



• Electric Golf Cart • E-bike

ALUMNI TESTIMONIALS

My Engineering journey at CHARUSAT has been amazing. I was placed at Engineering stream of TCS. All the training that I received during my course at CHARUSAT has been helpful to grow me in corporate journey. All the faculties are supportive and friendly, which makes this arduous journey of engineering easy and fun. Best part of CHARUSAT is the course is designed in such a way that it is not focused on only theoretical knowledge but same is the weightage to practical knowledge as well.

Specific to Electrical department, course is designed such a way that it covers electrical domain along with programming flavor into it which gives CHARUSAT engineers big plus in job market where IT applications are emerging in all field.



HARDIK SHAH

Consultant - IOT Business, Infosys



SALONI GANDHI
Senior Engineer
Alstom India

It was a great experience studying at CHARUSAT University, a memory to cherish for lifetime. My experience at CHARUSAT was full of learning and grooming. I am thankful to all the faculties, mentors for providing us with quality education. CHARUSAT's amazing organization of placements with plenty of opportunities gave great kick start to my career. Through CHARUSAT I got my first Job in USA based Startup, due to which I got a chance to work from scratch on medical device. If you want to make a career I would highly recommend you to join CHARUSAT University. To summarize I would say It's their constant support that were a catalyst to my hard work which made me count myself into better professionals.