

Home (index.php) / Facilities



Facilities

(singlePage.php?id=17&type=SP)

**“Engineering is not education in books and notebooks,
In fact it's education in labs and workshops!”**

- Along with sound theoretical knowledge a through knowledge-how of practical problems encountered in the real world. The department has advanced labs equipped with most modern machineries and instruments that are required to up bring a sound engineer.
- The department has well-equipped laboratories namely electrical machine lab, electrical measurement lab, electrical work shop, air-conditioned computer lab, microprocessor lab, control system lab, power system lab, power electronics lab and basic electrical lab etc. as per requirement of the university syllabus. The special feature of the labs being equipped with :-
- Advanced Power Converters like Matrix Converter
- Intelligent Module based advanced electrical drives
- Power Quality Analyzer, Four channel DSO
- Robotic system for industrial process simulation.
- PLC system
- Digital power line supervisor
- Data logger
- Industrial process fault finding trainer(imported from FEEDBACK, UK)
- MATLAB,visual simulation
- Energy auditor.
- The Department is well equipped with a number of PCs and workstations hosting several

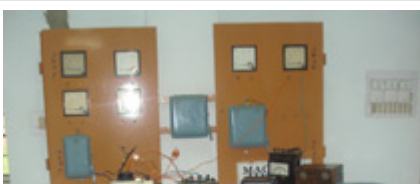
Select Language ▼

Powered by Google Translate (<https://translate.google.com>)

l area network. Internet services are available to all

The Department has over 10 well equipped laboratories and operates its own library, offering facilities in all areas of Electrical Engineering.

S.No.	Name of the Lab.	Available area size (Sq.-m)	Maximum batch engagement	No. of Experiments
1.	Microprocessor Lab	110	1	15
2.	Control System Lab	110	1	15
3.	Instrumentation Lab	110	1	15
4.	Basic Electrical Engg. Lab	110	1	15
5.	Basic Electronics Engg. Lab	110	1	15
6.	Elect. Machine Lab	130	1	10
7.	Circuit Theory Lab	130	1	12
8.	Electrical Measurement & Instruments Lab	70	1	15
9.	Power System Lab	70	1	15
10.	Power Electronics Lab	70	1	12
11.	Analog Electronics Lab	75	1	15
12.	Digital Electronics Lab	75	1	15
13.	Linear Integrated Circuit Lab	75	1	15
14.	Computer Lab	70	1	-





Library

The departmental library is a large collection that comprises of books, bound journals, technical reports, latest published research reports and soft copies that enables the students to overpower their knowledge bank. Various books on modern computational and mathematical control techniques such as fuzzy logic, neural networks and evolutionary programming are made available to the students on tenure of one week.

Internet Facility

The internet acts as a window to the world. The department offers high speed access to the internet to enable students to be aware of the latest technological developments around the globe. The internet lab consists of 40 P4 computers interconnected with LAN.

Menu



Quick Links

- [Home \(index.php\)](#)
- [Sitemap \(singlePage.php?id=17&type=SP\)](#)

[singlePage.php?id=31&type=SP\)](#)

Powered by [Google Translate \(https://translate.google.com\)](https://translate.google.com)

- [Bhartiya Chatra Sansad \(singlePage.php?id=44&type=SP\)](#)
- [Prayaag 2013 \(CTAE TechFest\) \(singlePage.php?id=15&type=SP\)](#)
- [C-GOLD-2014-Activities \(singlePage.php?id=17&type=SP\)](#)
- [Gold Fiesta-2014 \(CTAE TechFest\) \(singlePage.php?id=19&type=SP\)](#)
- [Promoting Innovations in Individuals, Start-ups and MSMEs \(singlePage.php?id=21&type=SP\)](#)
- [IUMS \(singlePage.php?id=22&type=SP\)](#)
- [STUDENT PORTAL LOGIN \(singlePage.php?id=23&type=SP\)](#)
- [Tech View 2019 \(singlePage.php?id=24&type=SP\)](#)
- [CTAE TECHFEST-2015 \(singlePage.php?id=26&type=SP\)](#)
- [Students No Dues Form \(singlePage.php?id=28&type=SP\)](#)
- [GLOBAL RAJASTHAN AGRITECH MEET \(GRAM-2016\) \(singlePage.php?id=29&type=SP\)](#)
- [Vidya Lakshmi Portal - VLP \(singlePage.php?id=32&type=SP\)](#)
- ["ARIIA 2020 Submission Report" \(images/staticContent/Submission Report 2020.pdf\)](#)
- [Package of Practices, Publication & Patent Facilitation Cell \(singlePage.php?id=46&type=SP\)](#)
- [STATE LEVEL SPORTS CHAMPIONSHIP KARMATH-2020 \(singlePage.php?id=49&type=SP\)](#)
- [C.T.A.E. STUDENT FEED BACK SYSTEM \(B.Tech. Program\) \(singlePage.php?id=58&type=SP\)](#)
- [NewGen IEDC-CTAE \(singlePage.php?id=59&type=SP\)](#)
- [ARIIA 2021 CTAE REPORT \(images/staticContent/ARI-I-1067.pdf\)](#)
- [MPUAT Staff Directory \(images/staticContent/Telephone-Directory-MPUAT-\(2022\).pdf\)](#)
- [Farm Machinery Testing Centre \(singlePage.php?id=72&type=SP\)](#)

Udaipur, IN

24°

7:35 pm IST

Cloudy

[\(https://www.accuweather.com/en/in/udaipur/190217/weather-forecast/190217?utm_source=www-ctae-ac-in&utm_medium=oap_weather_widget&utm_term=link_current&utm_content=accuweather&utm_campaign=current\)](https://www.accuweather.com/en/in/udaipur/190217/weather-forecast/190217?utm_source=www-ctae-ac-in&utm_medium=oap_weather_widget&utm_term=link_current&utm_content=accuweather&utm_campaign=current)

Contact Us

College of Technology
and Engineering,

Udaipur(Rajasthan) 313001

Tel.No. +91 294 2470837 (o)

Fax No. +91 294 2471056

Email: deanctae@mpuat.ac.in

(<mailto:deanctae@mpuat.ac.in>)

ctaedeans@gmail.com (<mailto:ctaedeans@gmail.com>)

Web: www.ctae.ac.in (<http://www.ctae.ac.in>)

Visitors: 0003476

Last Updated: 02-09-2024

All right reserved © 2024 College of Technology and Engineering.