

NEWSLETTER OF CHHOTUBHAI GOPALBHAI PATEL INSTITUTE OF TECHNOLOGY

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Newsletter for Department of Information Technology and Cyber Security



DEPARTMENT OF INFORMATION TECHNOLOGY



Congratulations!!
AICTE AWARD
at
SMART INDIA HACKATHON 2018
“ TEAM SHREE HARI ”



Heartly Congratulations to
Mr. Keyur Chandpara, Mr. Gaurav Koradiya, Mr. Rajat Beladiya,
Mr. Bhavin Pethani, Mr. Manish Vasaniya and Mr. Aditya Doriwala



Winner of Shark-tank- 8th Uth fest of UTU

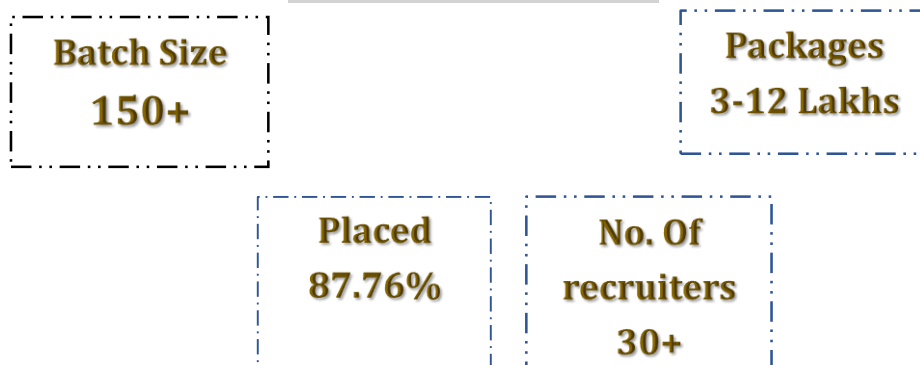


One day Hands-on workshop on “Awareness on Cyber Security”



Placement Activity at Glance

Placements Batch-2023





Our Leading Recruiters



BosLeo



Highlights of Events

One day Hands-on workshop on “Awareness on Cyber Security”



An Expert talk was delivered by Mr. Urvin Mistry (Cyber Expert). He delivered a talk on “Awareness on Cyber Security” on 18th October 2023 at Manjula Hall, CGPIT.

Mr. Urvin Mistry has discussed the following topics of Cybersecurity in details:

- ✓ Cyber Crimes & It's Awareness
- ✓ Cybersecurity in deep
- ✓ Cybersecurity tools
- ✓ Hand-on Workshop & Live Demo
- ✓ Career Opportunities in Cybersecurity field
- ✓ Packet tracing using N-Map



Please do visit us at cgpit-bardoli.edu.in

Newsletter for Department of Electrical Engineering

Highlights of Events

One Day Workshop on “Recent Trends in Power System”:

One day workshop on “Recent Trends in Power System” was organized by Electrical Engineering Department on November 3rd, 2023 for the students of Government Polytechnic, Navsari. Event was coordinated by Mr. Ranjit Rajak, Head, Electrical Engineering Department. The Workshop was conducted by Mr. Jay Patel, Assistant Professor, AMTICS, UTU. During the workshop expert imparted knowledge regarding recent development in the area of power system and its future trends.



Students being guided by the expert during the workshop

One Day Workshop on “Selection and Testing of LV Switchgear”

One day workshop on “Selection and Testing of LV Switchgear” was organized by Electrical Engineering Department on December 15th, 2023 for the students of Government Polytechnic, Vyara. Event was coordinated by Mr. Snehal Patel as well as Ms. Hinal Surati and accompanied by Mr. Ranjit Rajak, Head, Electrical Engineering. The workshop was conducted by Mr. Jay Patel, Assistant Professor, AMTICS, UTU. During the workshop expert gave insight of switchgear components and its testing.



Expert delivering the session to the students



Group photograph of workshop participants

Industrial Visit at Kakrapar Atomic Power Station, Gujarat (NPCIL)

An industrial visit was organized by Electrical Engineering department on February 6th, 2024 to Kakrapar Atomic Power Station, Gujarat for B. Tech 6th and 8th semester students and Diploma final year students. Visit was coordinated by Ms. Hinal Surati and accompanied by Mr. Jogesh Chaudhary as well as Ms. Hiral Shah. Kakrapar Atomic Power Station Site is situated in India, which lies in the proximity of the city of Vyara (near to Surat) in the state of Gujarat. It consists of 2 units each of capacity 220 MW under operation and 2 units each of capacity 700 MW under construction.



Group photograph of students and faculty members at site



Students are guided by the expert during industrial visit

One Day Workshop on “High Voltage Electrical Compliance and Safety Measure”

One day practical workshop on “High Voltage Electrical Compliance and safety measure” was organized by Electrical Engineering Department on February 9th, 2024. Event was coordinated by Mr. Ranjit Rajak, Head, Electrical Engineering. The workshop was conducted by Mr. Snehal Patel, Assistant Professor, CGPIT. During the workshop expert imparted knowledge regarding importance of high voltage in Electrical Engineering and also discuss various topics like layout of high voltage lab, breakdown of air, testing of liquid, testing of solid and earth resistance measurements.



Expert giving demonstration during the workshop



Group photograph of participants along with faculty members

Industrial Visit at Sardar Sarovar Narmada Nigam Limited, Gujarat (Hydro Power Plant)

An industrial visit was organized by Electrical Engineering Department on February 20th, 2024 to Sardar Sarovar Narmada Nigam Limited, Gujarat (Hydro Power Plant) for B. Tech and Diploma Engineering students. Visit was coordinated by Mr. Ranjit Rajak and Mr. Snehal Patel as well as accompanied by Mr. Pratik Gamit. The entire visit was guided by Executive Engineer at Sardar Sarovar Narmada Nigam Limited who gave insight of construction, working and salient features of the site.



Hydro power plant



Group photograph of students and faculty members at site

One Day Workshop on “Electric Vehicle Technology”

One day workshop on “Electric Vehicle Technology” was organized by Electrical Engineering Department on March 14th, 2024. Event was coordinated by Mr. Ranjit Rajak as well as Mr. Jogesh Chaudhari and Workshop was delivered by Mr. Jay Patel and Mr. Nilesh Tapaniya. During the workshop Mr. Jay Patel delivered insights of design of Electrical vehicle and also gave hands on different components of Electric Vehicle in laboratory where as Mr. Nilesh Tapaniya introduced students to current market status for EV and future advancement on EV.



Expert is conducting session on “Electric Vehicle Technology”



Students along with experts and faculty members

Poster Presentation Competition

A poster presentation competition was organized by Electrical Engineering Department on March 22nd 2024 for final year students of M. Tech, B. Tech and Diploma Engineering students. The event was coordinated by Ms. Hinal Surati and inaugurated by Hon. Director Prof. B. M. Vadher The judge was Dr. Manoj Gondaliya. During this event 20 participants presented poster and at the end certificated were distributed to all the participants.



Participants along with jury of the event



Group photograph of participants with faculty members

Newsletter for Department of EC and ICT Engineering

Highlights of Events

One Day Workshop on “ELECTRONICS COMPONENTS AND DESIGN ESSENTIALS: FROM IDEA TO IMPLEMENTATION”

Department of Electronics & Communication Engineering, CGPIT organized a one-day workshop at Uka Tarsadia University on 1st September 2023. A total of 32 participants participated in this workshop from B. Tech which includes Information and communication technology, Electronics and communication engineering, and mechatronics department. The workshop started with the UTU anthem as per tradition; our experts were felicitated by the coordinators (Prof. Nita Patil, Prof. Nupur Pathak, and Prof. Chintan Desai) of the workshop. Dr. Mayank Kapadia gave a brief introduction about the electronic components and also welcomed the speaker of the event.



Expert giving demonstration



Students working with PCB designs and electronic components



Group photograph of students with Hon. Director, Expert and Faculty Members

ONE DAY WORKSHOP ON “GETTING STARTED WITH IOT”

Department of Electronics & Communication Engineering/Information and Communication Technology, CGPIT, UTU held a one-day workshop on February 19th, 2024, which saw the participation of 28 attendees comprising students from B. Tech programs, including Information and Communication Technology, Electronics and Communication Engineering, and Mechatronics Engineering. The workshop commenced with an opening address delivered by a student from the ICT department. The Head of EC/ICT, Dr. Mayank Kapadia provided an overview of IoT technology and extended a warm welcome to the event's speaker. Prof. B.M. Vadher, the esteemed Director of CGPIT, delivered an inspiring speech, encouraging both faculty and students to apply theoretical knowledge practically. He commended the EC/ICT Department for organizing such an impactful workshop and praised their exemplary coordination. Throughout the event, the program coordinator ensured smooth facilitation, and the proceedings concluded with Prof B M Vadher presenting felicitations.



Expert delivering lecture to the students



Hon. Director delivering his speech



Group photograph with Hon. Director, Head, Expert, Faculty Members and Students

One Day Industrial Visit to Amul Dairy Anand & Amul Chocolate Plant Mogar, Anand

One day industrial visit was arranged for the students of B.Tech EC, ICT, Mechatronics, Electrical and AI/DS.

Total 42 students (8 Girls and 34 Boys) and 3 faculty members (1 Female and 2 Male) participated in the industrial visit organized by EC & ICT department, CGPIT, Bardoli. All students gained ample amount of knowledge from the rich and vast experience of the experts at the site. All students were highly benefited and satisfied with one day industrial visit.



Group photograph of students and faculty members at the plant

Newsletter for Department of Chemical Engineering

Highlights of Events

An industrial visit was organized for the Chemical Engineering students at J K Paper Mill, Songadh on

12th March 2024



Students of B.Tech 4th, 6th and 8th Semester Chemical Engineering along with faculty members at visit site



Students are being guided by the expert at industry

An industrial visit was organized for the Chemical Engineering students at Mahavir Synthesis Pvt. Ltd., Surat on 04th January 2024.



Students are being guided by the expert at industry



Group photograph of students and faculty members at visit site

An industrial visit was organized for the Chemical Engineering students at Steam House Private Ltd., Surat on 04th January 2024.



Presentation by the expert at industry



Group photograph of students and faculty members at the site

Newsletter for the Department of Computer Engineering and Artificial Intelligence & Data Science



Faculty Achievements

Dr. Vibha Patel Head of Computer Engineering and Artificial Intelligence & Data Science Department, Chhotubhai Gopalbhai Patel Institute of Technology, Uka Tarsadia University. She has completed a Ph.D. (Computer Engineering) in the research title “A Hybrid Deep Learning Architecture for Detection of Epileptic Seizure State using Brain Signals”. Dr. Anshuman Kalla, Professor, Department of Computer Engineering has published two book chapters and total 17 research publications during the current academic year.



UKA TARSADIA UNIVERSITY NAAC Accredited

Total research publications:
17

Book Chapters 02	Review Publication 14	Copyrights 02
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Total citations
830-

h-index: 11
i10-index: 12

Cumulative IF: 60.595
Average IF: 3.564
Highest IF: 11.718

Dr. Anshuman Kalla
Ph. D.
Specialization: Blockchain, information Centric Networking , 5G, and 6G



Professor
CGPIT,UTU .

Email ID: anshuman.kalla@utu.ac.in
Cell No: +918560916261

Faculty Achievements

Students Achievement



Hackathon at AURO University

Congratulations PROUD MOMENT
on getting selected for Summer Research Internship Program (SRIP)
at Goa Institute of Management (GIM) 2023

Vivek Patel
6 Semester,
B. Tech. Artificial Intelligence and
Data Science (AI&DS) Engineering,
CGPIT, UTU



 We are proud of you..!
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Institute of Technology,
Uka Tarsadia University

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VISIT OUR WEBSITE 

Summer Internship Placement at GIM

Congratulations....!



Jash Jummani Roshan Patel Meet Thummar
(6 Semester, B. Tech. Computer Engineering, CGPIT, UTU)

Congratulations to
Jash Jummani, Roshan Patel and Meet Thummar for
Qualifying National Level GATE 2023 Exam.

We are proud of you!



Chhotubhai Gopalbhai Patel Institute of Technology,
Uka Tarsadia University

GATE Success Stories

Congratulations....!



Priyanshu Kapadia Megh Naik
(4th Year Students, Computer Engineering Department, CGPIT-UTU)

Congratulation on getting a paper filled
"Blockchain and Flutter-based Quiz Mobile DApp Toward
Decentralized Continuous Assessment" accepted at the
**International Conference on Network Security and
Blockchain Technology (ICNSBT - 2023)**

This work is an outcome of BlockSecAI Club
<https://sites.google.com/utu.ac.in/blockchain/>

All the best for your future endeavors!

CGPIT, Uka Tarsadia University

Students' Papers Accepted in Global Conferences



Events Organized

CGPIT, Uka Tarsadia University (UTU), and Central Institute of Technology, Kokrajhar (CITK), have jointly organized Five-Day Online Short Term Training Program (STTP 2.0) on “Blockchain Technology and Its Emerging Applications” from July 4 to 8, 2023.

Placement Activity

Placements Batch-2023

Batch Size
150+

Placed
70.05%

Packages
2-11 Lakhs

**No. Of
recruiters**
30+

Top Recruiters



Please do visit us at cgpit-bardoli.edu.in

Newsletter for Department of Mechanical, Mechatronics and Automobile Engineering

A One day workshop on

AutoCAD[®] Mechanical

Guest Expert:
Mr. Kiran Baviskar
Mr. Savan Hirapara
Mr. Adnan Bordiwala
Khodiyar CAD center(I) Pvt. Ltd. Surat.





23-08-2023
Wednesday

Chief Patron
Dr. D. R. Shah

Patron
Prof. B. M. Vadher

Convener
Dr. Chinmay Desai
Mr. Darshan Kapadia

Coordinators
Dr. Paresh Gujarati
Mr. Jignesh Sohaliya
Mr. Urvin Patel,
Mr. Jignesh Gadhiya

Organized by:
Department of Mechanical/Mechatronics/
Automobile Engineering/Diploma Studies, CGPIT, UTU





A one-day workshop on “AutoCAD Mechanical” had been organized by mechanical engineering department on 23rd August, 2023, the experts for the session from Khodiyar CAD center(I) Pvt. Ltd. Surat were Mr. Kiran Baviskar Mr. Savan Hirapara Mr. Adnan Bordiwala. Total 39 students had participated in the theory and practical session of workshop.



Maya Tarsadia Industrial Automation Research and Development Centre Organized One-day training program On “Industrial Automation” on 30th September, 2023 for B.Tech Mechanical and Electrical Engineering students of Government Engineering College, Surat. 38 students and 2 faculty members of Government Engineering College, Surat had been trained in Hydraulics, Pneumatics, PLC and Sensors Lab of Maya Tarsadia Industrial Automation Research and Development Centre.





An Industrial visit to J K Paper Ltd. had been organized for Mechanical, Mechatronics and Automobile engineering department final year students on 20th October, 2023. 7th semester students of Mechanical (16), Automobile (11) & Mechatronics (03) along with Faculty members Prof. Jayesh parekh and Prof. Ankit Desai were present in the visit.



A field visit to Auto Expo 2024, Surat had been organized for Automobile students to understand the Latest Technologies of Automobile Sector. The Auto Expo held in Surat in March 2024 was a dynamic showcase of the automotive industry's evolution, featuring a diverse array of vehicles and technologies, from electric cars to autonomous driving systems. 11 students from Automobile engineering along with Faculty Prof. Hiren Shah had visited the Expo on 18th March, 2024.



A Field Visit to BPR Sales & Service, Bardoli was organized for Automobile students on 12th March, 2024. The objective of the visit is to understand the Vehicle HVAC system. Faculty member Prof. Hiren Shah had guided 11 students from Automobile engineering during the visit.



An Industrial Visit to Bombay Repowering Works & Maruti Auto Alignment, Bardoli On March 15, 2024 had been arranged for B. Tech. Automobile Engineering 6th Semester Students to understand Maintenance of Engine, Wheel alignment and balancing process. The visit was specially organized for the pre-final year Automobile Engineering Students who have selected Auto Scanning and Vehicle Testing as an elective subject.



Department of Mechanical, Automobile, and Mechatronics Engineering, C G Patel Institute of Technology had organized Two-day workshop on “Welding Engineering and NDT Practices” for mechanical engineering students on 14th and 15th March, 2024. Theory session as well as hands on sessions were conducted by Industry experts Mr Harshit Desai and Mr. Meet Patel along with expert faculty member Prof. Keyur Tandel Assistant Professor, Mechanical Engineering Department Government Engineering College, Dahod. 31 Students of Mechanical Engineering Department had participated in the workshop, Mrs. Palak H. Desai and Mr. Jayeshkumar R. Parekh had coordinated the event.



On March 21, 2024, 7 students of Automobile engineering had been taken to a visit YANTRA Design CNC Machine Manufacturer. During the visit Prof. Haresh Ghoniya had guided the students about various equipment used for CNC manufacturing and its Components and Functions, and Installation, Operation, and assembly of various components and its testing.



Workshop on MS Office and Project Report Preparation

Department of Mechanical, Automobile and Mechatronics Engineering, C G Patel Institute of Technology has arranged a One-day Workshop on “MS Office and Project Report Preparation” on 22nd March 2024. The workshop aimed to improve students' Microsoft Office abilities and provide them with the skills needed to write thorough project reports, which are crucial for both academic success and future careers. 27 students were guided by Dr. Paresh Gujarati, Mr. Jignesh Sohaliya, Mr. Urvin Patel, and Mr. Darshan Kapadia during the workshop.



Expert Lecture on “Industry Readiness”

An expert lecture on “Industry Readiness” was delivered by Mr. Rajneesh Bajaj, Head Production and Plant Engineering, L&T – MHI Power Turbine Generators Pvt. Ltd. On 22nd March, 2024 at Department of Mechanical, Automobile, and Mechatronics Engineering. 27 Students has participated to learn principles of KAIZEN, Enterprise Resource Planning (ERP), Key Performance Indicators (KPIs), and SMART goals; Prof. Darshan Kapadia was a coordinator of the lecture.



On 12th January, 2024, 8th semester students of Mechanical (16), Automobile (11) & Mechatronics (02) Engineering had visited the **Sumul Dan Factory Bajipura** along with Faculty Member Prof. Jayesh parekh and Prof. Hiren Shah. During the visit, students had been demonstrated working and operations of different process equipment utilized in the Milk Factory.

Newsletter for Department of Civil Engineering

Two days Practical Workshop on Soil Testing in Building Construction was conducted on 15th and 16th March 2024. The objective of the practical workshop was to understand the actual application in the field of Geotechnical Engineering lab and Civil Engineering construction work. Total 30 students took part in this practical workshop. From this practical workshop participants are able to understand the basics soil testing in building construction.



Introduction of Testing lab machine



Triaxial Test specimen Preparation



Discussion with head of department



The Leading Recruiters of CGPIT





The Leading Recruiters of CGPIT



Glimpse of Convocation Ceremony



Glimpse of Convocation Ceremony



Glimpse of Cultural Activities at CGPIT



Glimpse of Cultural Activities at CGPIT

