



UPL UNIVERSITY
OF
SUSTAINABLE TECHNOLOGY



CURRENT AFFAIRS

Issue 16

July 2023-August 2024

Department of Electrical Engineering

Shroff S. R. Rotary Institute of Chemical Technology



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Message from Provost

Re-volt, Re-charge and Re-capacitate
Self to Re-search and Re-novate



Dr. Shrikant J. Wagh

Provost, UPL University of Sustainable Technology



HOD Message



The Electrical Engineering department strives to provide a conducive environment for the students to develop technical, analytical and practical skills and apply them to the real world problems. To motivate the students the department organizes regular training in state of art software & hardware, arranges workshops, expert talks, industrial visits, peer learning and mentor-student meetings. Electrical engineering department is running successfully URJA CLUB which mainly concentrates in creating awareness regarding Energy Conservation, its importance, available renewable energy alternatives, emerging technologies and recent energy market scenario around the globe for effective energy utilization among the students and staff. The department Newsletter will definitely help to show-case the activities that are happening in our department. It provides a platform for exposing the merits and academic achievements of the faculty and students. This would definitely create an impact in the minds of readers, by way of providing larger visibility and dimension to the department

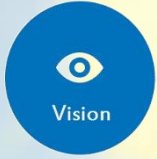
Dr. Jalpa Thakkar,

Associate Professor and

Head of Electrical Engineering Department- SRICT

UPL university of Sustainable Technology

VISION & MISSION



To attain global recognition in the field of Electrical Engineering and to provide excellent education and groom the students into competent professionals to take up initiatives for industry and to overcome challenges of society.



- To impart high quality technical education to produce globally competent Electrical Engineering Professionals.
- To cultivate need based courses to strengthen industry-academia relationships for mutual benefit.
- To give an enabling educational experience through connections with industry and by integration of theory and practice.
- To encourage graduates for lifelong learning, foster teamwork and leadership with Self-learning attitude & professional ethics.

Editorial Message

Dear Readers,

As we conclude another remarkable year in the Department of Electrical Engineering, I am excited to present our yearly magazine. This edition celebrates our achievements, showcases innovative projects, and highlights the dedication of our students and faculty.

With the commencement of new year for UPL University of Sustainable Technology, new dreams, hopes, aspirations and events are also unfolding.

We release this magazine every year covering the department activities that happens within and outside college campus for the betterment of students and faculty members.

This magazine unfold the activities from July-2023 to August-2024 with lots of opportunities and we in fact have grabbed those opportunities and ventured into new generation of teaching-learning to continue the regular activities.

We from Department of Electrical Engineering are unstoppable in delivering our best for the benefit of students. We welcome your suggestions in improving this initiatives further upscale.



Mr. Ankur Gheewala
Assistant Professor
Electrical Engineering



Mr. Dev Joshi
Sem-7 Student
Electrical Engineering



Expert Lecture

Sr. No.	Name of Speaker	Designation	Name of Organization	Title of Topic
1	Mr. Mrunal Shah	Academic Head	Acumen GATE Academy, Vadodara	Career Opportunities in Electrical Engineering
2	Mr. Kapindra Bhatt	Team Lead, Electrical Project	UPL Limited, Jhagadia	Electrical Equipment Selection for Industrial Application
3	Mr. Ankit kumar	Application Engineer,	Design Tech Pvt. LTd, Pune	MATLAB & Simulink for Electrical Engineering Applications
4	Mr. Manish Vala	Team Lead	SSM learning excellence centre	Internet of things (IIoT)



Expert Lecture

Sr. No.	Name of Speaker	Designation	Name of Organization	Title of Topic
5	Mr. Priyanshu Thaker	Trainee engineer	GFL, Dahej	Introduction of substation and significance of all equipment's
6	Mr. S. B. Pande	HR Manager	Godrej, Valia	Interviewing skills to benefit your carrier
7	Mr. R.B. Patil	Scientific Officer, E- Nuclear Training Center	NPCIL, Kakrapar	Indian Nuclear power program and process of nuclear energy
8	Ms. Madhu Ars	5S Freelancer	-----	Business Ethics and Governance



Expert Lecture

Sr. No.	Name of Speaker	Designation	Name of Organization	Title of Topic
9	Mr. K S Shah	AGM (Electrical)	GNFC Ltd., Dahej	Switchgear & Latest Trend in protection system
10	Mr. Sachin Chauhan	Manager	Reliance Industries, Jamnagar	Industrial Electrical Installations
11	Mr. Mayur Pawar	Project Officer	BEIL Dahej	Automation in Industry
12	Mr. Manish Jaiswar	Project Officer	BEIL, Ankleshwar	Solar Power Plant basic design and Details
13	Mr. Krunal Patel	R&D Manager	Hitachi	Thermal Management in Electronic Circuits

GLIMPSE OF EXPERT LECTURE



GLIMPSE OF EXPERT LECTURE





Industry visit

Date	Name of Organization
19.07.2023	Brakes India Pvt. Ltd., Jhagadia
29.08.2023	Solarism, KP Green Energy
18.10.2023	Trimurthi Transformer, GIDC, Ankleshwar
18.10.2023	Standard Mechanical and Electrical Works
18.01.2024	AIA Expo, GIDC, Ankleshwar
19.01.2024	
08.02.2024	Kanaiya Industries, GIDC, Ankleshwar
08.02.2024	Akhil Industries, GIDC, Ankleshwar
08.03.2024	Trimurthi Transformer, GIDC, Ankleshwar
08.03.2024	Viketa Electronics, GIDC Ankleshwar
02.08.2024	General Electro Engineers
02.08.2024	Agnus Lighting Systems
23.08.2024	Trimurti Transformers
29.08.2024	Zydus Lifesciences Ltd

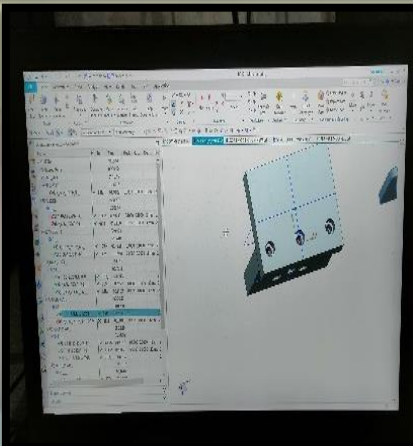


Glimpse of Industrial Visit





Glimpse of Industrial Visit





Glimpse of Industrial Visit



PEER LEARNING INITIATIVES



**TOTAL 123
PLI
DELIVERED
BY
STUDENTS**

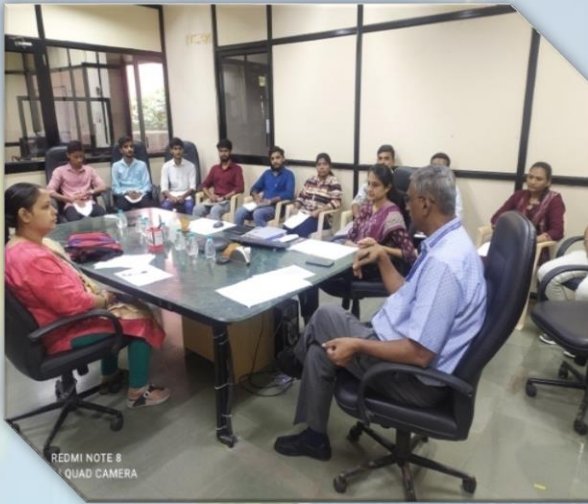




1-2-1 Meeting

A one-to-one meeting of Department of Electrical Engineering Semester-VII and V students with honourable president of our University, Mr Ashok Panjwani was organized with the purpose to motivate students to improve their overall academic performance. Students were encouraged to participate in various activities, upgrade their skills and work hard for the upcoming University exam.





Students were motivated to improve their focus towards the study and increase their study hours. Weaker students were also motivated to improve their performance in upcoming exams. Students have appreciated the efforts taken by management for their academic growth.



Hands on Workshop for Diploma Students

Department of Electrical Engineering organized D2D workshop on “Advance Power System Protection and Relaying” for final year diploma students of Government polytechnic Rajpipla, Valia Polytechnic and K. J. Polytechnic Bharuch. Diploma students got the hands on practice on various types of electromagnetic relays and numerical relays. Students were also discussed the future scope of electrical engineering after completion of Diploma Engineering. More than 120 students has participated in this event.



GLIMPSE of Workshops



Industrial Student Training Review

Review of Industrial Summer Training was conducted on 11th August, 2023 for BE Sem-5 Electrical Engineering students. Students shared their feedback on how an internship helps them to get the training under experienced professionals from various departments. They also get to know the organizational structure of the company, work habits and attitudes for technical competence, knowledge of contemporary issues and importance of sustainability.



Orientation Program of BE and DE Sem-1

An orientation program was arranged for Sem-1 students of Diploma and Degree engineering on 11th August, 2023. Various policies of attendance, training and placement cell of UPL University was explained in detail. Students also got the introduction of all departmental faculties.



Orientation Program of D2D and C2D Sem-3

An orientation program was arranged for Sem-3 students of Diploma and Degree engineering on 22nd July, 2024. Various policies of attendance, training and placement cell of UPL University was explained in detail. Students also got the introduction of all departmental faculties.



Orientation Program of ME SEM-1

An online orientation program was arranged for ME Sem-1 students of Masters engineering on 29th August, 2024. Various policies of attendance, training and placement cell of UPL University was explained in detail. Students also got the introduction of all departmental faculties.

The screenshot displays a Google Meet interface during a presentation. The main window shows a slide with the following content:

- Logos for UPL, UPL UNIVERSITY OF SUSTAINABLE TECHNOLOGY, and Rotary Ashish.
- Text: **DEPARTMENT OF ELECTRICAL ENGINEERING**
- Text: **ORIENTATION PROGRAM FOR ME SEM 1**
- Text: **Batch 2024**

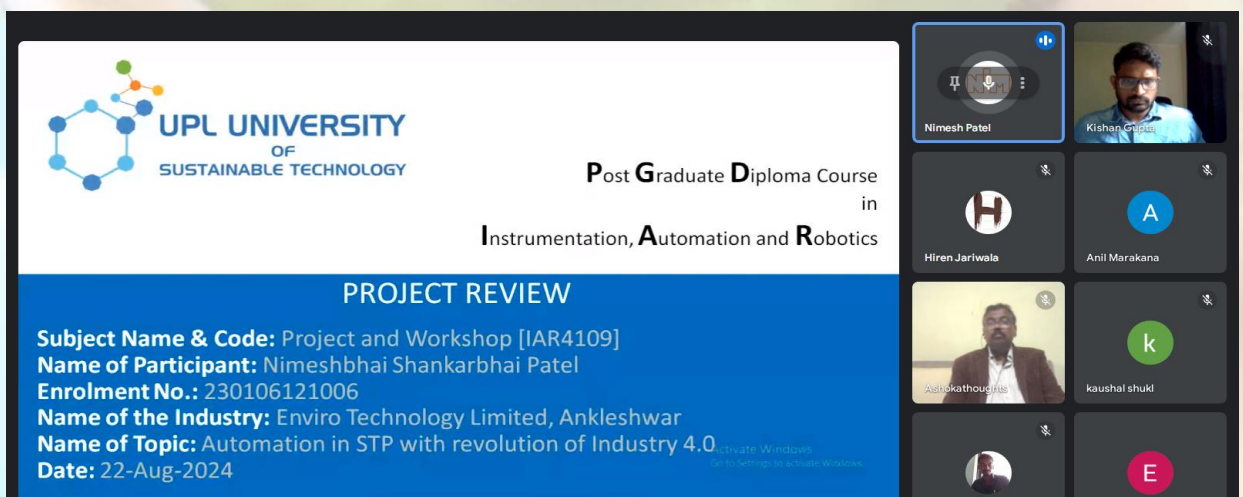
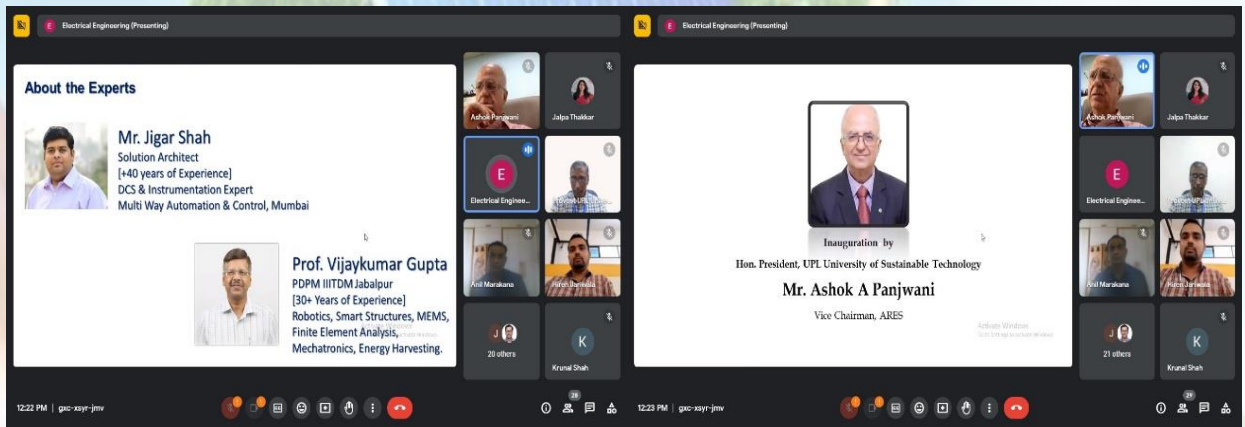
The slide is presented by Richa Dubey, as indicated by the 'Electrical Engineering PG (You, presenting)' label at the top. The participant list on the right includes:

- Sourav Choubey
- Dharmesh patel
- Purushottam pawar
- Richa Dubey (highlighted)
- Apeksha Kher
- Electrical Engineering PG

The bottom of the screen shows the time 3:44 PM, the user ID ndp-jsht-zkh, and a notification that 'meet.google.com is sharing a window.' The page number 18 is visible in the bottom right corner.

PGD in Instrumentation, Automation and Robotics

Department of Electrical Engineering of UPL University of Sustainable Technology has organized Inauguration ceremony of “PGD-IAR” on 21/10/2023 on Google Meet Online platform. Mr. Ashok A Panjwani (President-UPLUST), Dr. Shrikant J Wagh (Provost-UPLUST), Dr. Omprakash Mahadwad (Dean Engg. & Tech.-UPUST), Department faculty members, Experts and all PDG-IAR candidates taken actively participation which were coordinated by Dr. Jalpa Thakkar, Head of the Department of Electrical Engineering. 11 students of the first batch of PGDIAR successfully completed their certificate course.



Students Participation in QCFI 2023

Sr. No.	Sem	Name of the Student	Competition in Participated
1	5	Sotua Rishikumar Kamleshkumar	Slogan Competition
2	5	Palve Pratikbhai Janubhai	Slogan Competition
3	7	Mulla Yunus	Slogan Competition
4	7	Dwivedi Pranjal Narottam	Poster Competition
5	7	Dwivedi Pranjal Narottam	Slogan Competition
6	5	Maulik Chaudhari	Case Study Presentation on "5S Paperless Ideas"
7	5	Krutika Patel	
8	5	Sotua Rishikumar Kamleshkumar	
9	5	Palve Pratikbhai Janubhai	



Workshop on Renewable Energy in Industry Sponsored by GEMI

Department of Electrical Engineering and Gujarat Environment Management Institute (GEMI) have jointly organized a training program under mission LiFE on “Switchover and Use of Renewable Energy Sources in Industries”. In this training program 75 students have participated who have taken the Pledge for “Lifestyle for the Environment” at the inauguration of program. First trainer Mr. Hetal Mehta, Managing Director, Happy Engineering, delivered a lecture on “Trend of Renewable Energy Sources and its Implementation in Industry”. Dr. Surendrasingh Kachhwala, Chair Professor, Suzlon, Department of Mechanical Engineering, School of technology, PDEU, have delivered the technical sessions on “Solar Thermal Engineering Applications in Industry”. Participants cleared their doubts about renewable energy sources by discussing the technical terms in details.



GEMI Sponsored Workshop GLIMPSE





Parent Teacher Meeting

Parents Teacher Meeting was organized for Department of Electrical Engineering Semester-VIII & DE and BE Semester-VI Students on 10/01/2024 and 16/01/2024 respectively. The meeting was conducted to discuss students' performance with parents. Suggestions from the parents were also taken for the betterment of students and department.





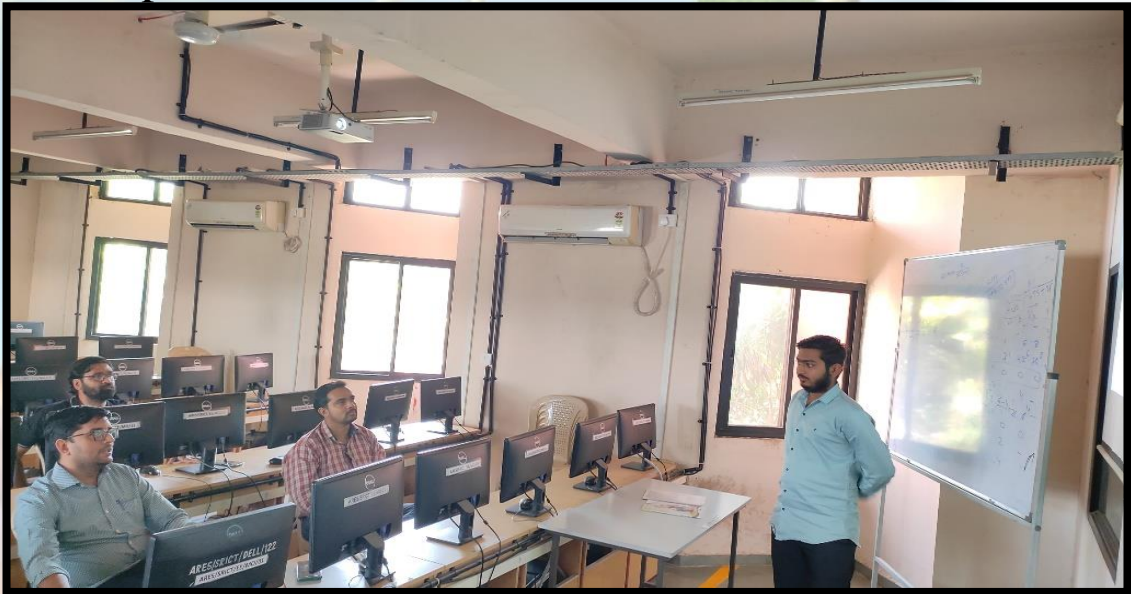
Parent Teacher Meeting

Parents Teacher Meeting was organized for Department of Electrical Engineering BE Semester-VII and DE Semester-III students on 23/08/2024. The meeting was conducted to discuss students' performance with parents. Suggestions from the parents were also taken for the betterment of students and department.



GTU Internship Review of Sem-8

On March 18th, 2024, the Department of Electrical Engineering conducted the Internship review for BE 8th semester students. The purpose of this evaluation was to assess students' performance during their internship. The review was conducted by the department review committee and suggestions are given to the students for the improvement.



URJA CLUB ACTIVITIES

Sr. No.	Name of Activity	Detail of Event	Coordinator Name
1.	Safety “SKIT”	Awareness about safety practices in industries while doing work.	Satish Kumar, Pranjal Dwivedi, Rana Mayur, Kalpesh Patil
2.	Energy Conservation Case study	Energy conservation practice was performed. Various special information were discussed for energy conservation	Lokesh Chuadhary & Team



FELICITATIONS!

Sr. No.	Name of Student	Semester	Felicitation Amount
1	Patel Krutika Kiranbhai	BE SEM-4	Rs. 2000/-
2	Sarvaiya Chetanbhai B.	BE SEM-4	Rs. 1000/-
3	Chaudhari Maulikkumar M.	BE SEM-4	Small Gift
4	Sotua Rishikumar K.	BE SEM-4	Small Gift
5	Palve Pratikbhai Janubhai	BE SEM-4	Small Gift
6	Vaidya Shiyansu Amitbhai	BE SEM-4	Rs. 2000/-
7	Shah Riyaz Yusuf	BE SEM-4	Rs. 1000/-
8	Joshi Dev Kalpeshkumar	BE SEM-4	Small Gift
9	Gavit Naineshbhai	BE SEM-4	Small Gift
10	Rao Alok	DE Sem-4	Small Gift
11	Patel Smitkumar Ravjibhai	DE Sem-4	Rs. 2000/-
12	Vasava Anantkumar K.	DE Sem-4	Rs. 1000/-
13	Vasava Jaydeepkumar K.	DE Sem-4	Small Gift
14	Katariya Deep Hiteshbhai	DE Sem-4	Small Gift
15	Chaudhari Silvansh	DE Sem-2	Small Gift

FELICITATIONS!

Sr. No.	Name of Student	Semester	Felicitation Amount
1	Palve Pratikbhai Janubhai	BE Sem-5	Rs. 1000/-
2	Sotua Rishikumar Kamleshkumar	BE Sem-5	Rs. 750/-
3	Sarvaiya Chetanbhai Babubhai	BE Sem-5	Rs. 750/-
4	Patel Krutika Kiranbhai	BE Sem-5	Rs. 750/-
5	Shah Riyaz Yusuf	BE Sem-5	Rs. 500/-
6	Chaudhari Maulikkumar	BE Sem-5	Rs. 500/-
7	Gavit Naineshbhai Laxmanbhai	BE Sem-5	Rs. 500/-
8	Vaidya Shiyansu Amitbhai	BE Sem-5	Rs. 500/-
9	Gheewala Krish Pankajbhai	BE Sem-5	Small Gift
10	Tailor Ayushkumar Jayeshbhai	BE Sem-5	Small Gift
11	Joshi Dev Kalpeshkumar	BE Sem-5	Small Gift
12	Rao Alok Satish	DE Sem-5	Rs. 750/-
13	Vasava Jaydeepkumar	DE Sem-5	Rs. 500/-
14	Vasava Anantkumar	DE Sem-5	Small Gift
15	Lakdawala Mohammad	ME Sem-1	Rs. 1000/-
16	Mistry Hitenkumar	ME Sem-1	Rs. 750/-
17	Shah Shreya Snehalkumar	ME Sem-1	Rs. 750/-
18	Vasava Ayushiben Rameshbhai	DE Sem-1	Rs. 500/-
19	Chauhan Aryankumar	BE Sem-3	Small Gift

FELICITATIONS!



FELICITATIONS!



FELICITATIONS!

Sr. No.	Name of Student	Semester	Felicitation Amount
1	Mansuri Naeem Razak	BE Sem-8	Rs. 1,000/-
2	Prajapati Tejashkumar Mukeshbhai	BE Sem-8	Rs. 1,000/-
3	Patanvadiya Priyanshu Rakeshbhai	BE Sem-8	Rs. 1,000/-
4	Nirali Sanjaysinh Kharachiya	BE Sem-8	Rs. 1,000/-
5	Yunus Iqbal Mulla	BE Sem-8	Rs. 1,000/-
6	Dwivedi Pranjal Narottam	BE Sem-8	Rs. 1,000/-
7	Prajapati Prachiben Mukeshbhai	BE Sem-8	Rs. 1,000/-
8	Rana Mayurkumar Maheshbhai	BE Sem-8	Rs. 1,000/-
9	Jadhav Riya Prashant	BE Sem-8	Rs. 1,000/-
10	Patel Dhavanilkumar Kalpeshbhai	BE Sem-8	Rs. 1,000/-
11	Satish Kumar	BE Sem-8	Rs. 1,000/-
12	Devadhara Jayendrasinh Yogendrasinh	BE Sem-8	Rs. 1,000/-
13	Parmar Omkumar Bharatbhai	BE Sem-8	Rs. 1,000/-

FELICITATIONS!



PLI FELICITATION

Sr. No.	Name of Student	Felicitation Amount
1	Palve Pratik	Rs. 1000/-
2	Gavit Naineshbhai Laxmanbhai	Rs. 600/-
3	Patel Krutika Kiranbhai	Rs. 800/-
4	Mansuri Naeem	Rs. 200/-
5	Satish Kumar	Rs. 200/-
6	Jadhav Riya Prashant	Rs. 1000/-
7	Yunus Iqbal Mulla	Rs. 200/-
8	Nirali Sanjaysinh Kharachiya	Rs. 1000/-
9	Prajapati Prachiben Mukeshbhai	Rs. 1000/-
10	Dhruvil Patel	Rs. 800/-
11	Tejash Prajapati	Rs. 200/-
12	Dinal Solanki	Rs. 200/-
13	Dwivali Pranjal	Rs. 1000/-
14	Parmar Sayam	Rs. 200/-
15	Sotua Rishikumar Kamleshkumar	Rs. 1000/-
16	Goswami Parthgiri Kamleshgiri	Rs. 800/-
17	Gheewala Krish Pankajbhai	Rs. 800/-

PLI FELICITATION

Sr. No.	Name of Student	Felicitation Amount
18	Palve Pratik	Rs. 1000/-
19	Sotua Rishikumar Kamleshkumar	Rs. 800/-
20	Bhagat Birjubhai Kishorlal	Rs. 200/-
21	Shah Riyaz Yusuf	Rs. 400/-
22	Vaidya Shiyansu Amitbhai	Rs. 200/-
23	Prajapati Tejashkumar Mukeshbhai	Rs. 800/-
24	Patanvadiya Priyanshu Rakeshbhai	Rs. 600/-
25	Mansuri Naeem Razak	Rs. 600/-
26	Satish Kumar	Rs. 200/-
27	Vasava Rahulkumar Rajeshbhai	Rs. 200/-
28	Rao Alok Satish	Rs. 400/-
29	Joshi Dev Kalpeshkumar	Rs. 600/-
30	Gavit Naineshbhai Laxmanbhai	Rs. 200/-

GLIMPSE OF PLI FELICITATION





MOU

Memorandum of understanding

Sr. No.	Name of Organization	Activity Under MOU
1	PTS Automation Pvt. Ltd. Renewal done	Placement Drive
2	Tatvamasi Automation Pvt. Ltd.	Expert Talk
3	Zaveri Electronics	Placement Drive
4	Happy Engineering	Expert Talk
5	Takalkar Power Engineers & Consultants Pvt. Ltd.	03 Student Internship, EL conducted, BOS
6	General-Electro Engineers	In-Plant Training of Sem-3 Student (04)
7	Tula Trans Electricals	Expert Talk, Faculty Training
8	Astek Electricals	Industry Visit
9	Nutanvij Electricals	Training Session





Sr. No.	Name of Organization	Activity Under MOU
10	Alpha Tech Automation	Training Session
11	Trimurti Transformer	Student Internship (06), Placement, FIT
12	Standard Electrical and Mechanical Works	Expert Lecture, IV, SIT
13	Pahal Solar	FIT, SIT
14	Navitas Solar	Expert Lecture, SIT
15	SSM Infotech Solution Ltd	Expert Lecture
16	Happy Engineering	FIT, SIT, IV
17	REM Electromach	Expert Lecture, Placement
18	Avakash Automation	FIT, SIT, Placement
19	KP Energy	FIT, SIT
20	Urja Consultant Engineers	FIT



MOU

Memorandum of understanding



× HOT 10S



MOU

Memorandum of understanding



Jobs

Admission Batch: BE 2020-24
DE 2021-24

Sr. No.	Student Name	Company Name	Salary Package (Rs. Lac in Annum)
1	Riya Jadhav	UPL	5.25
2	Satish Kumar	Saint Gobain	2.70
3	Pranjal Dwivedi	BEIL	3.25
4	Rahul Pawar	BEIL	3.25
5	Priyanshu Patanvadiya	BEIL	3.25
6	Mayur Rana	Acume Chemicals	2.40
7	Sayam Parmar	Saint Gobain	1.80
8	Naeem Mansuri	Bectochem	2.16

Our Recruiters



Technical Article

India's Renewable Revolution: A Vision for 2050

In the quest for sustainable development, India stands at the forefront of harnessing renewable resources to power its future. With a rapidly growing population and increasing energy demands, the nation has set ambitious goals to reduce its carbon footprint and transition towards cleaner, greener sources of energy. Looking ahead to 2050, India envisions a landscape transformed by renewable resources, paving the way for a more sustainable and resilient future.

1. Solar Power Dominance:

By 2050, India aims to become a global leader in solar power generation. Vast expanses of arid land will be transformed into solar farms, harnessing the abundant sunlight that bathes the subcontinent. With advancements in solar technology and plummeting costs, solar energy will emerge as the cornerstone of India's energy portfolio, providing clean and affordable electricity to millions.

2. Wind Energy Expansion:

Building upon its existing wind energy infrastructure, India will continue to expand its wind farms along coastal regions and windy corridors. Innovations in turbine design and efficiency will unlock the full potential of wind energy, supplementing solar power and ensuring a reliable and diverse renewable energy mix.

3. Hydroelectric Potential Unleashed:

India's rivers will play a pivotal role in meeting its energy needs, with the development of hydroelectric projects tapping into the immense power of water. From the mighty Himalayan rivers to smaller tributaries, hydroelectric dams will provide clean and reliable electricity while also bolstering water management and irrigation systems.

4. Biomass and Bioenergy Innovation:

In 2050, India will harness the power of biomass and bioenergy sources, utilizing agricultural residues, organic waste, and biofuels to generate electricity and heat. Integrated bioenergy systems will not only reduce reliance on fossil fuels but also contribute to rural development and agricultural sustainability.

5. Emerging Technologies:

Emerging technologies such as tidal and geothermal energy will play a growing role in India's renewable energy landscape by 2050. Coastal regions will explore tidal power potential, while geothermal resources will be tapped to provide clean, baseload power in geologically active areas.

Naeem Mansur
BE Sem-8 EE

What's in Your Mind...??



Electrical engineering stands as a cornerstone in the realm of technology, driving innovation across various sectors of society. Its scope encompasses a vast array of applications, from power generation and distribution to telecommunications, electronics, and beyond. As we navigate through the ever-evolving landscape of technology, new horizons and emerging trends continue to reshape the field, opening doors to groundbreaking advancements and possibilities.

Scope of Electrical Engineering:

The scope of electrical engineering is extensive, touching almost every aspect of modern life. Here are some key areas where electrical engineers play a pivotal role.

Power Systems:

Electrical engineers design, develop, and maintain systems for generating, transmitting, and distributing electrical power. With a growing emphasis on renewable energy sources, such as solar and wind, the field is witnessing significant advancements in smart grid technologies and energy storage solutions.

Electronics:

From microprocessors to integrated circuits, electrical engineers drive innovation in the design and development of electronic devices. The miniaturization of components, coupled with the proliferation of Internet of Things (IoT) devices, is fueling rapid advancements in consumer electronics, healthcare devices, and industrial automation.

Telecommunications:

In an increasingly connected world, telecommunications remain a vital area within electrical engineering. Engineers work on designing communication networks, optimizing bandwidth utilization, and developing wireless technologies such as 5G and beyond.

Control Systems:

Control systems engineering involves designing systems to regulate and control processes in various industries, including manufacturing, automotive, and aerospace. With the rise of autonomous vehicles and industrial automation, control systems engineering is poised for significant growth.

Robotics and Automation:

Electrical engineers play a crucial role in the development of robotic systems and automation technologies. From autonomous drones to industrial robots, advancements in sensing, perception, and control systems are driving innovation in this field.

Electric Vehicles (EVs) and Infrastructure:

The shift towards electric vehicles is driving demand for advancements in battery technology, charging infrastructure, and power management systems. Electrical engineers are instrumental in developing EV components, optimizing charging networks, and addressing challenges related to range and efficiency.

The scope of electrical engineering is dynamic and ever-expanding, with emerging trends and technologies driving innovation across diverse domains.

Shahid Khan Pathan
BE Sem-3 EE

Alumni Speak



Mayur Pawar
Alumni Batch 2017

I am Mayur Pawar Alumni of S.R.I.C.T. (Formally Known As UPL University) I had Done My B.E In Department of Electrical Engineering. Currently I am Working with BEIL Infrastructure LTD Dahej. I am Here to share my Gratitude towards my Institute to shape my Career and provide me quality and practical knowledge which help me in my current stage of learning with industries .

The System of S.R.I.C.T. I like the most

- 1) One To One Meeting with Vice chairmen Mr Ashok Panjwani sir :- In this meeting Panjwani sir Talk with Each and every student and Discuss the problem Which student face along with that sir motivated student toward their goals and dreams.
- 2) Industrial Visit and Expert Lecture :- The Best Way of Learning Practical Things S.R.I.C.T. Organize Industrial visit and Expert lecture for giving outlook vision Of market And giving opportunity to talk with the expert in there fields.
- 3) T&P Cell :- The Training And Placement cell always gives good support to a student and arranges an interview with well known industries.
- 4) The S.R.I.C.T Organized National level Tech-fest,Reva-Fest (Our Annual Function), Workshops , Sport week to provide a Best knowledge and stress free Environment to a Student. Thank You.

Alumni Speak



Tejas Chaudhari
Alumni Batch 2019

I am currently employed at TCS, Gandhinagar as assistant system engineer after graduating from shroff S.R Rotary Institute of chemical Technology constituent institute of 'UPL University of sustainable technology'. During my tenure at SRICT, I acquired invaluable technical expertise through practical, hands-on learning and immersive lab experiences.

The emphasis on skillful education by the university instilled in me discipline and organizational skills which have proven beneficial in both academic and personal initiative (PLI) activities further refined my leadership and communication abilities while “data science” course expanded my knowledge in the field of artificial intelligence and machine learning.

STUDENT CORNER

DISCOVER NEW OPPORTUNITIES



PHOTOGRAPHY



- Dev Kalpeshkumar Joshi (Semester 7 BE)

STUDENT CORNER

DISCOVER NEW OPPORTUNITIES



PHOTOGRAPHY



- Dev Kalpeshkumar Joshi (Semester 7 BE)

STUDENT CORNER
DISCOVER NEW OPPORTUNITIES



PHOTOGRAPHY



- Parthgiri Goswami (Semester 7 BE)

Meet Your **TEACHER**



**Dr. Jalpa
Thakkar**

Associate Professor
And Head



**Dr. Praful
Chudasama**

Assistant Prof.



**Dr. Sourav
Choubey**

Assistant Prof.



**Mr. Hiren
Jariwala**

Assistant Prof.



**Mrs. Richa
Dubey**

Assistant Prof.



**Mr. Jignesh
Joshi**

Assistant Prof.



**Mr. Krunal
Shah**

Assistant Prof.



**Mr. Ankur
Gheewala**

Assistant Prof.



**Mr. Hiten
Mistry**

Lecturer



**Mrs. Mrunal
Joshi**

Lecturer



**Mr. Divyajeet
Parmar**

Lab Assistant



**Mr. Hardik
Solanki**

Lab Assistant



**Mr. Rakesh
Mahajan**

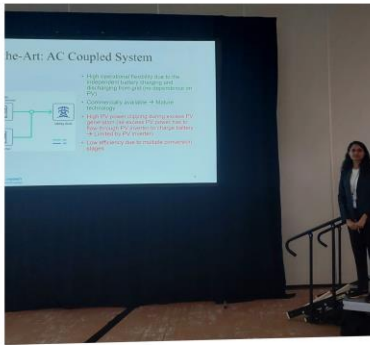
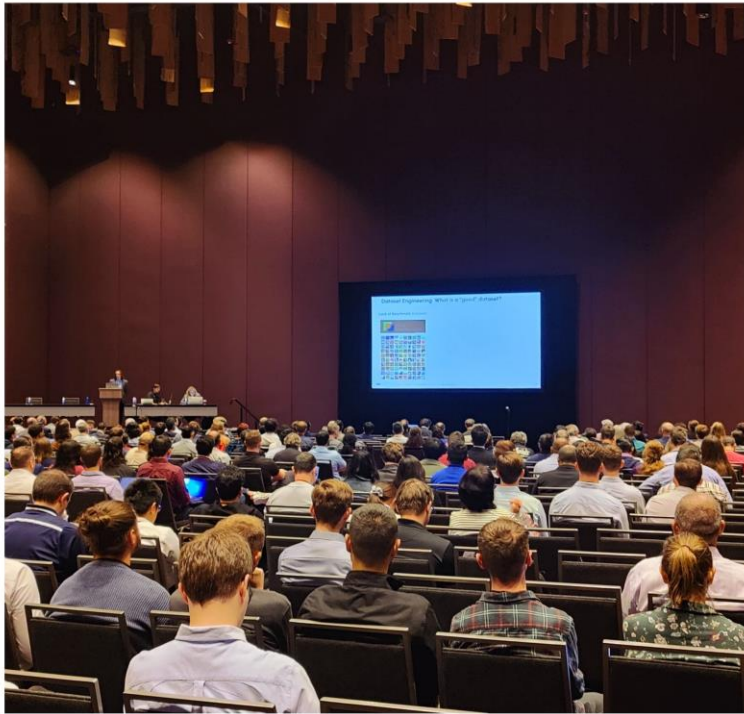
Lab Assistant

Faculty In Plant Training

Faculty of Department of Electrical Engineering completed Industrial Training During Summer-2024 From May-2024 to June-2024. Following are the details;

Sr. No.	Name of Faculty	Name of Industry	Weeks
1	Dr Jalpa Thakkar	Nutanvij Electricals, Surat	01
2	Krunal Shah	Avkash Automation	02
3	Jignesh Joshi	GreenTech Electricals & Automation Solutions	01
4	Praful Chudasama	Akhil Industries	01
5	Richa Dubey	Ni-Tech Surat	02
6	Ankur Gheewala	Urja Consulting Engineers, Surat	01
7	Sourav Choubey	BEIL Infrastructure Ltd., Ankleshwar	01
8	Hiren Jariwala	Zaveri Electronics	02

Faculty Achievements



With the support of Management, officials of UPL University of Sustainable Technology and Department of Science and Technology (DST), Dr. Jalpa Thakkar had successfully presented her recent research work on Large Scale Renewable Energy Integration(PV) with Transmission Grid in an IEEE Conference organized at WA, USA.

Faculty Achievements



Dr Jalpa Thakkar, Associate Professor and Head of EE Dept. of UPL University of Sustainable Technology was invited to speak on " Significance of RE Generation and Integration with transmission grid" at the National Conclave organized by IICHE, Ankleshwar regional Centre For Industry sustainability-Energy Perspective, A mission to Vikasit Bharat @2047 on 6th July 2024.

Faculty Achievements



Mr. Krunal Shah attended FDP on “Universal Human Values-II”, 16/01/2024 to 20/01/2024 in PVG CET, Pune



Mr. Hiren Jariwala, FDP on “Digital Signal Processor and FPGA Controllers for Power Electronics and Drives Applications”, 18/12/2023 to 24/12/2023 in SVNIT Surat

Faculty Achievements

International Journal of Membrane Science and Technology, 2023, Vol. 10, No. 5, pp 196-208

An Electrochemical Approach to Recycle and Extraction of Metals from Electronic Waste

Sourav Choubey^{1*}, Prerna Goswami², Shina Gautam³

^{1,2}Institute of Chemical Technology, Matunga, Mumbai, Maharashtra, India, 400019

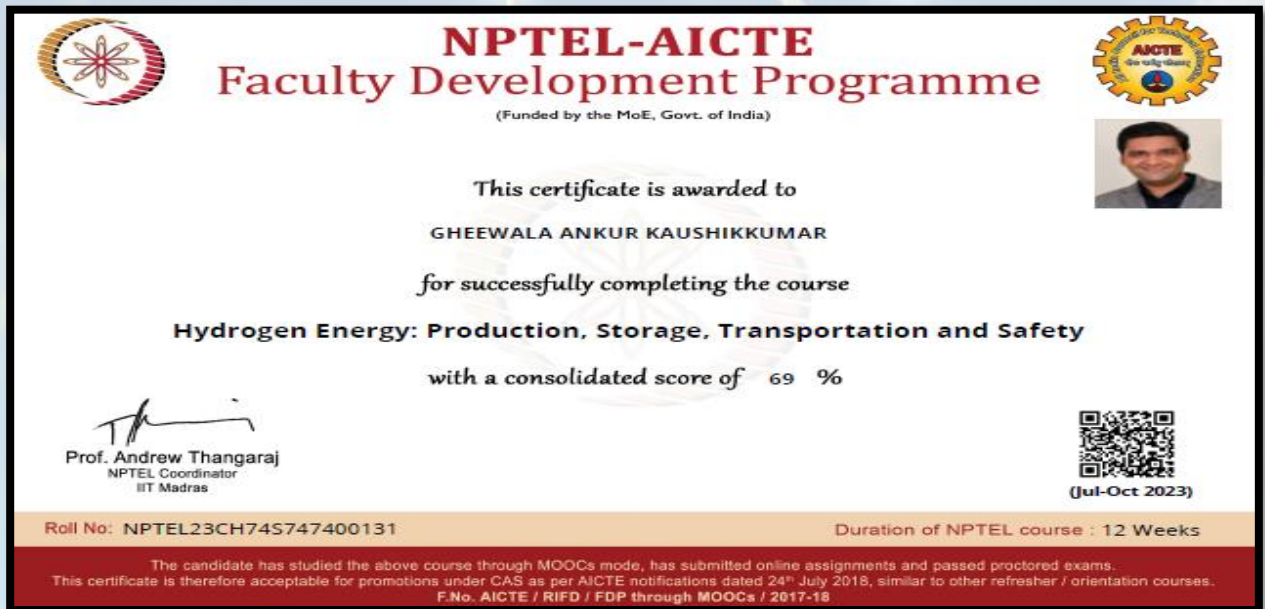
^{1,3}Shroff S.R.Rotary Institute of Chemical Technology, UPL University of Sustainable Technology, Ankleshwar, Gujarat, India, 393135; E-mail: souravchoubey1@gmail.com

Dr. Sourav Choubey, Paper published on the topic of “An Electrochemical Approach to Recycle and Extraction of Metal From Electronic Waste” in the International Journal of Membrane Science and Technology in October, 2023



Dr. Sourav Choubey, Awarded by Ph.D. degree on the title of “An Energy Efficient Electrolysis Method for Heavy Metal Extraction from E-Waste”, on 10/02/2024 in 13th Convocation of ICT Mumbai

Faculty Achievements




Mr. Ankur Gheewala completed 12 Weeks NPTEL course on “Hydrogen Energy: Production, Storage, Transportation and Safety” approved by IIT Bombay from July-October, 2023




Mr. Ankur Gheewala completed 6 Weeks Industrial Training on “Machine Learning and Artificial Intelligence” from 10th July, 2023 to 18th August, 2023 organized by EduLakes Solutions in association with IIT Roorkee

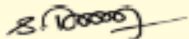
Faculty Achievements


This certificate is presented to




**Richa Dubey**
Dept. of Electrical Engineering,
Sardar Vallabhbhai National Institute of Technology,
Surat, India, 395007.

for presenting the research paper entitled " Investigation of a 2.2 kW Three Phase Induction Motor using Direct Torque Control for EV Applications" in the 2024 Sixth IEEE Sponsored International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2024) held at Chhattisgarh Swami Vivekanand Technical University (CSVTU), Bilai, Chhattisgarh, India during 26 - 28, June 2024. The conference has been organized by the IEEE Student Branch of CSVTU and Technically Co-Sponsored by IEEE Madhya Pradesh section.


Dr. Thangaprakash Sengodan
Publication Chair


Dr. Patel R N
Conference Chair


Dr. Verma M K
Chief Patron


Ms. Richa Dubey, Paper published on the topic of "Investigation of a 2.2 kW Three Phase Induction Motor using Direct Torque Control for EV Application" Sixth IEEE Sponsored International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2024)

NITTTR/ICT/2024-25/1204


Certificate of Participation


Richa Dubey


has completed Two Weeks Faculty Development Programme / Short Term Training Programme on *Advanced Pedagogy* organised by this Institute from 3rd June to 14th June, 2024 successfully.



NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH (NITTTR) KOLKATA
(Established by the Ministry of Education Government of India)


Dr. Sagarika Pal
Programme Coordinator(s)

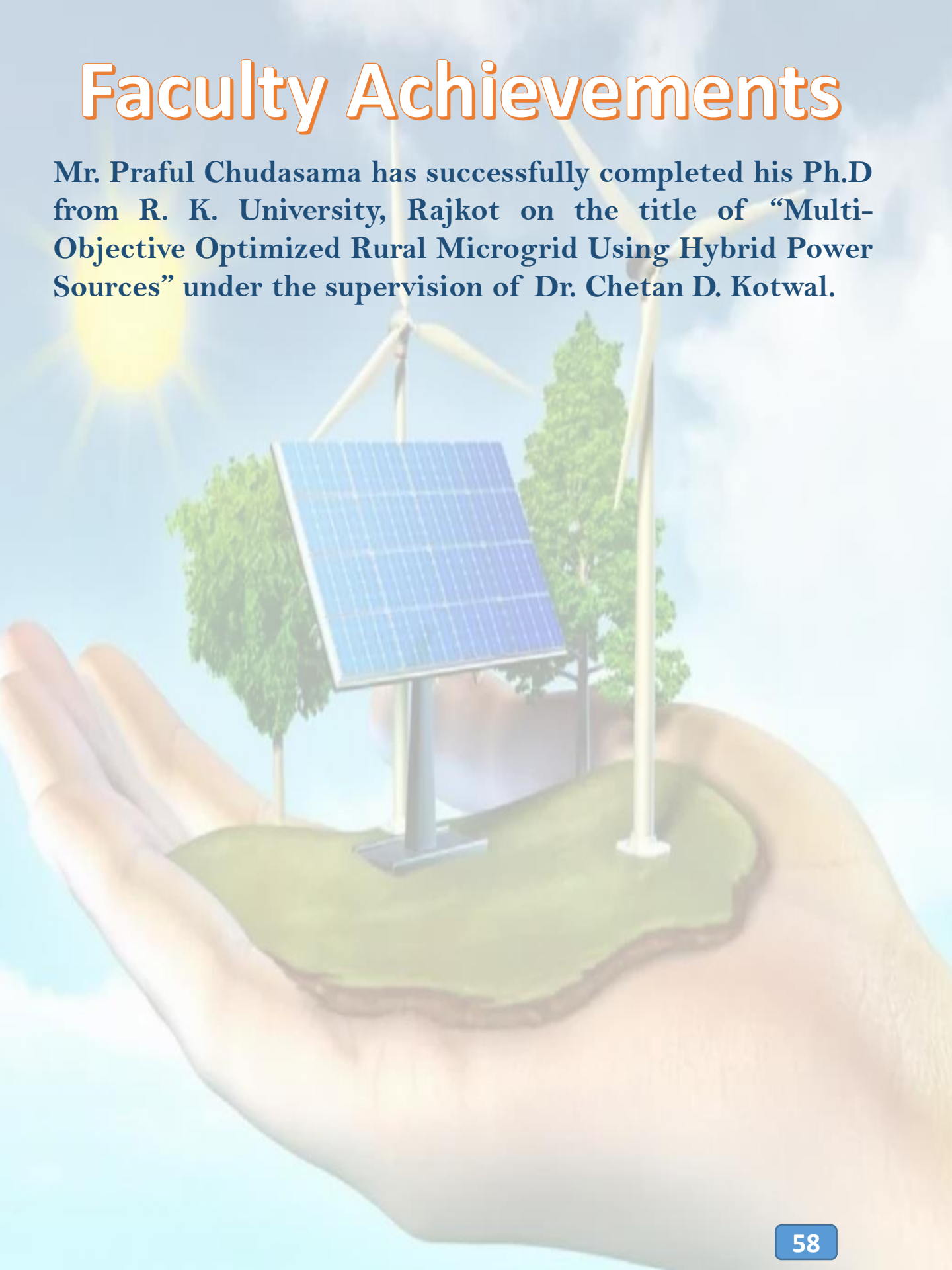

Dr. Urmila Kar
FIC, Academic Affairs


Prof. Debi Prasad Mishra
Director

Ms. Richa Dubey, Attended Two Weeks FDP on "Advanced Pedagogy" from 3rd June, 2024 to 14th June, 2024 organized by NITTTR Kolkata

Faculty Achievements

Mr. Praful Chudasama has successfully completed his Ph.D from R. K. University, Rajkot on the title of “Multi-Objective Optimized Rural Microgrid Using Hybrid Power Sources” under the supervision of Dr. Chetan D. Kotwal.





**POST
GRADUATE
DIPLOMA COURSE
in**


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