

Academic Year 2022-23

Electrical Engineering Department, RIT, Sakharale.

5.1.3 The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities 1. Soft skills, 2. Language and communication skills, 3. Life skills (Yoga, physical fitness, health and hygiene) 4. Awareness of trends in technology

Sr. No.	Name of the Capacity Development and Skill Enhancement programme	Year of implementation	Number of students enrolled
1	Awareness program on "Counselling SessionGATE - 2023"	2022-23	120
2	Training program on "Electrical Design & Drafting"	2022-23	105
3	Training Program on CRT specific training Under SPDP Scheme	2022-23	103
4	Technical Session on "Lean Start-up & Minimum Viable Product/ Business".	2022-23	40
5	Technical Session on "Energy Conservation & Future Energy " on the occasion of National Energy Conservation Day	2022-23	63
6	Electrical Safety Awareness program	2022-23	70

ASP program organized-④

K.E. Society's

Rajarambapu Institute of Technology,
Rajaramnagar

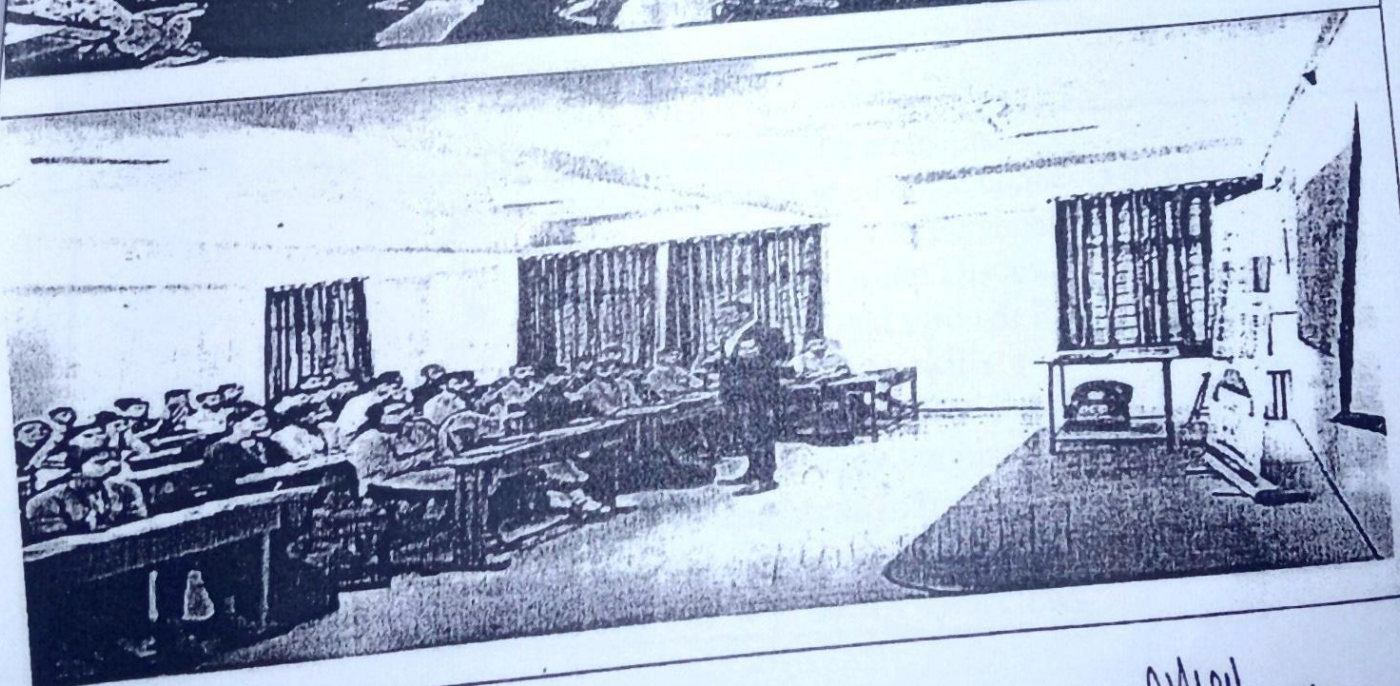
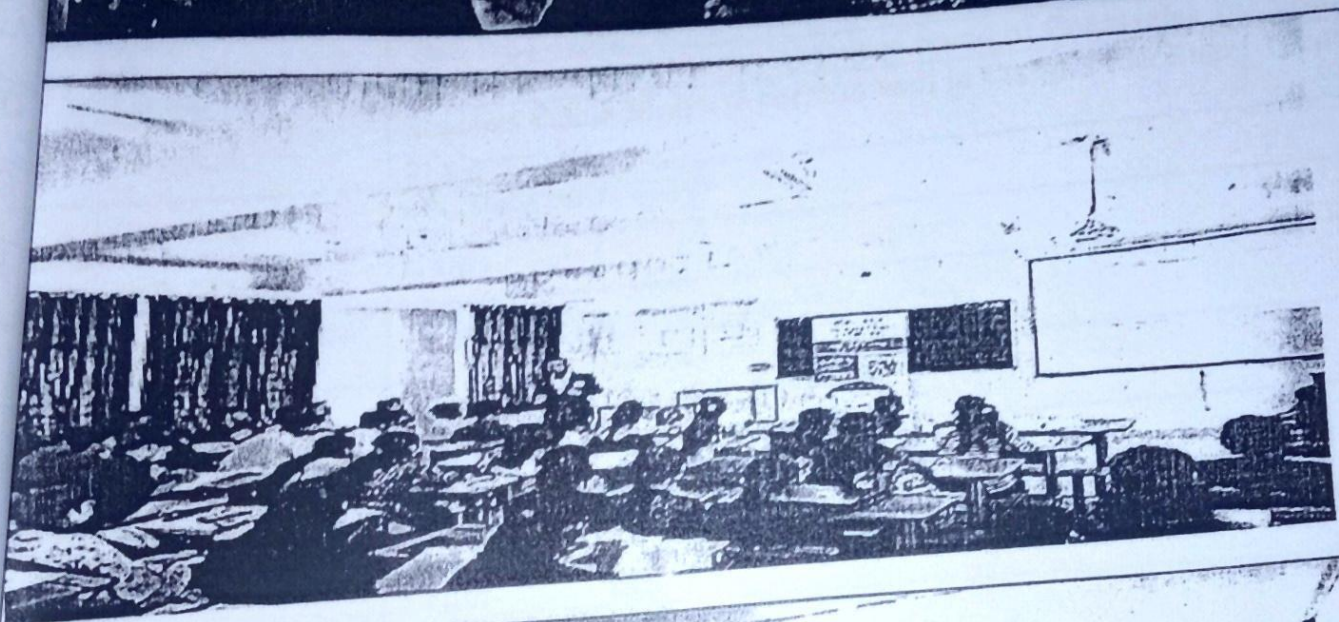
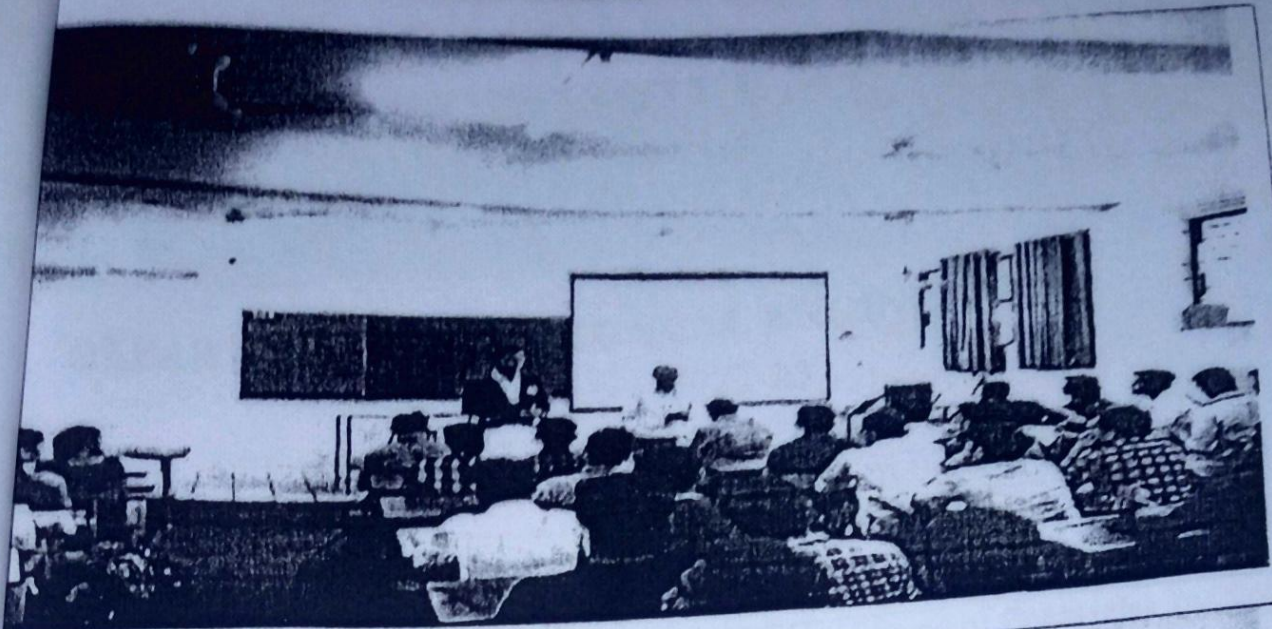
DEPARTMENT OF ELECTRICAL ENGINEERING

Academic Year: -2022-23

GATE -2023 Counselling Session

Heads	Description/Details
1. Event Title:	GATE -2023 Counselling Session
2. Aim:	Provide Soft skills intensive & hands-on Training program to students
3. Objectives:	To aware and counsel students for GATE -2023.
4. Outcome:	Students should be able to perform well in GATE -2023
5. Event Date:	01/12/2022
6. DURATION:	1 Days
7. Event Conduction Duration:	1.55. PM To 3.10 PM (7.45 Hrs per day)
Event Resource Person Details:	Trainers from ACE Engineering Academy. Mr. Shankar Wadne <ul style="list-style-type: none">• 5Times GATE qualified• Best AIR - 231• Teaching experience - 10+ years• Number of students guided - 1 lakh+• Conducted seminars - 250+
9. Student Participation	T.Y B.Tech :- 62 S.Y.B.Tech :- 58 ----- Total:- 120
10. Overall Co-ordination	Prof. Amarjeet S Pandey
1. Topic Covered:	i. Motivation for GATE preparation. ii. Strategy for Cracking GATE 2023 iii. Preparation tips and cutoff for Electrical

GATE COUNSELLING PHOTOS



Handwritten signature
 Prof. A S Pandey
 ent.T&P Coordinator

Handwritten signature
 Dr. V N Kalkhambkar
 HoD, EE.

Handwritten signature
 Dr. Abhijeet Shah
 Head, TPO

③ → In process

Date: 14-11-2022

To,
The Director,
RIT Rajaramnagar

R. I. T. RAJARAMNAGAR	
Inv	1786
Date:	16 NOV 2022

Through: Head, Electrical Engineering department and T&P.

Subject: Permission to collect Training Fees in Institute Account.

Respected Madam,

We are planning offline training on "Electrical Design & Drafting" for S.Y. B. Tech & T.Y. B. Tech students. In this training student will be able to perform hands on Auto Cad Drafting and DiaLUX software for Illumination design.

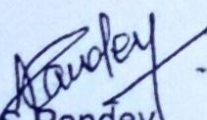
The training will provide exposure to students in the field of Electrical Design and Drafting and helpful for Placement. The training will be provided by EEPsIT Enterprises, Miraj which is pioneer in this field since 1994.

Student will submit Rs. 500/- for the training in the allotted college account.

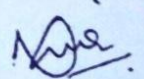
I hereby request you to kindly permit us. Company Information and syllabus is attached with the application.

Thanking You.

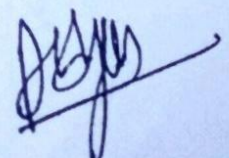
Yours Faithfully,


Prof. A S Pandey,
T&P Co-ordinator,
Electrical Engineering Department.

Forwarded for
consideration



Forwarded for consideration



pe-Hd
on

K. E. Society

Rajarambapu Institute of Technology. (UG) (2022-2023)

Rajaramnagar, Sakharale (Islampur), Tal. Walwa, Dist. Sangli, PIN. 415414

BANK RECEIPT / CREDIT

Receipt No: **BR-1130**

Date: **29/11/2022**

		Amount (Rs.)
Received from As per list (Amarjeet Pandey)		
Bank A/c : 216030 IDBI BANK A/C NO.0116104000144698 (U.G.)		
Sum of Rs. 52,000.00 /-		
for Amount received for training on "Electrical Design & Drafting" for S.Y. B.Tech & T.Y. B. Tech Students.		
As per bank statement. Dated-29.11.2022		
403024 INTERNAL REVENUE GENERATION (IRG)	DEPT05 ELECTRICAL DEPT.	52,000.00
Total Rs.		52000.00

Rs. Fifty Two Thousand Only

Reference:

Checked by

Section Head Accounts Office

Page 1 of 1





CIT

**K.E. Society's
Rajarambapu Institute of Technology,
Rajaramnagar**

DEPARTMENT OF ELECTRICAL ENGINEERING

Academic Year: -2022-23

SPDP FUNDED TRAINING REPORT

No	Heads	Description/Details
1.	Event Title:	Comprehensive capsule training program (CRT)
2.	Aim:	Provide Soft skills ,GD and PI intensive & hands-on with C++ Training program to students
3.	Objectives:	To prepare students for the Interview round of Companies .
4.	Outcome:	Students should be able to perform well in Campus Placement rounds of placements.
5.	Event Date:	28/11/2022-03/12/2022
6.	DURATION:	6 days
7.	Event Conduction Duration:	7.30. PM To 9.30 PM (2.00 Hrs per day)
8.	Event Resource Person Details:	Trainers From AptiTech Education.
9.	Student Participation	S.Y.BTech- 48 T.Y.B.tech - 55 ----- Total:- 103
10.	Overall Co-ordination	Prof. Amarjeet S Pandey
11.	Topic Covered:	Interview & Corporate Learning concepts: - i. Revision of basic to advance concepts of c++ ii. To present confidently in Personal Interview iii. To make impact in Group Discussion iv. Key Points to highlight through Resume Preparation v. To learn E-mail writing skills vi. Dress to impress/ Proximity/ Personal hygiene vii. To learn positive body language . viii. To handle telephonic round of interview ix. To access candidates' public speaking skills x. To perform well during interviews

SPDP FUNDED CRT CAPSULE TRAINING PHOTOS

Web browser window showing a training interface. The main content area displays a math problem:

The ratio of the number of cashew nut to that of grapes in a dry fruit box is 5:3. If cashew nuts are eaten, the ratio becomes 1:3. Find the number of dry grapes in the box.

On the right, there is a list of participants with their names and profile pictures. Below the main content, there are icons for various functions like chat, share, and settings.

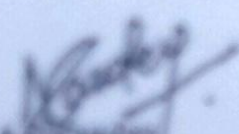
Web browser window showing a training interface. The main content area displays a math problem:

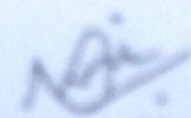
How many 7 digit telephone numbers can be formed with 8 and 9 at the right and left extreme ends respectively?


Below the problem, there is a diagram showing a sequence of numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9. Below the diagram, there are icons for various functions like chat, share, and settings.

Group discussion is a test of-

- ✓ Communication skills
- ✓ Team work
- ✓ Leadership
- ✓ Confidence
- ✓ Knowledge
- ✓ Creative thinking
- ✓ Learning skills


Prof. A. S. Pandey
Dept. T&F Coordinator


Dr. V. N. Kulkarni
HoD, EEE


Dr. Abhishek Shah
Head, TPO

A webinar on
Lean Start-up & Minimum Viable Product/ Business

22nd August 2022.

REPORT

Entrepreneurship improves the person holistically and gives the platform to implement the ideas, So IIC, IEEE, and the Electrical department arranged webinars on "Lean start-ups and minimum viable products/businesses".

The webinar was inaugurated by Dr. V. N. Kalkhambkar, HoD, Electrical Engineering, RIT Rajaramnagar on 22nd Aug, 2022. . In his keynote speech, he touched upon various aspects of the importance of Start-ups, and funding agencies. Also, he gave the emphasis on RIT-IEEE student branch, and EESA. After the keynote, guest Mr. S. M. Aarli sir gives a brief introduction of NETRA RIT. Along with this, he gave different government schemes details to the students and how to apply for it. The session was started by expert Mr. Karan Chavan (CEO TGP Bioplastics. Brief about the company TGP Bio-plastics Pvt. Ltd. has started in July 2019 with the vision to create a sustainable packaging solution with three founding members. Continuous research over around three years has brought them their first success in creating economical biodegradable plastics. The company has filed a patent for the same technology. TGP Bio-plastics Pvt. Ltd is recognized as a start-up under DPIIT India. The Head office of the company is in Satara, Maharashtra. The company sells biodegradable plastic granules which will be used to produce biodegradable plastic bags and packaging films.

1. TGP Bioplastics was selected as the winner of the FLCTD challenge 2020 in the 'Industrial Resource Efficiency' category! organized by UNIDO. Biodegradable plastic developed by TGP has low GHG emissions compared to other biodegradable plastics.
2. Company has received a grant of 38.70 lacs from the Atal Innovation Mission for scaling up indigenous technology under the Atmanirbhar Bharat Mission.
4. TGP Bioplastics has won the 'Start-up Award 2022'!! Organized by Lemon Ideas for indigenous technology development.

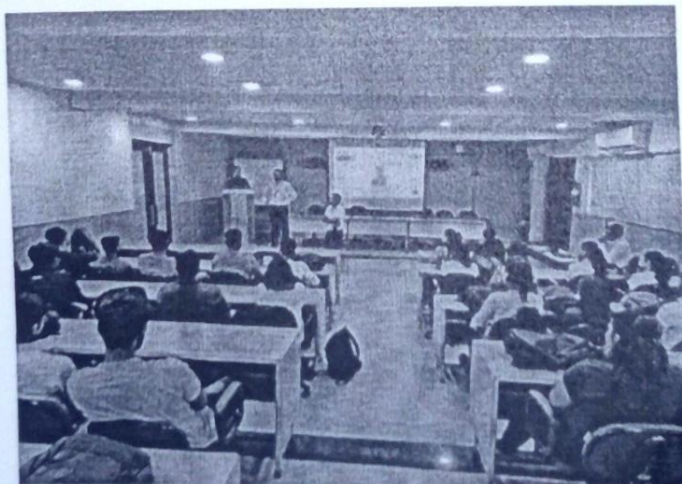
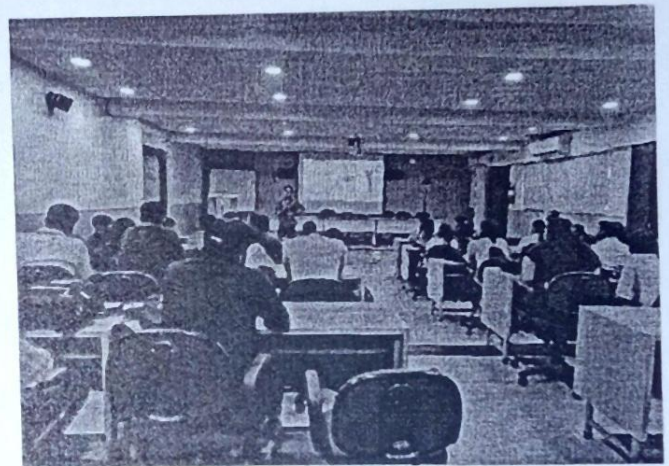
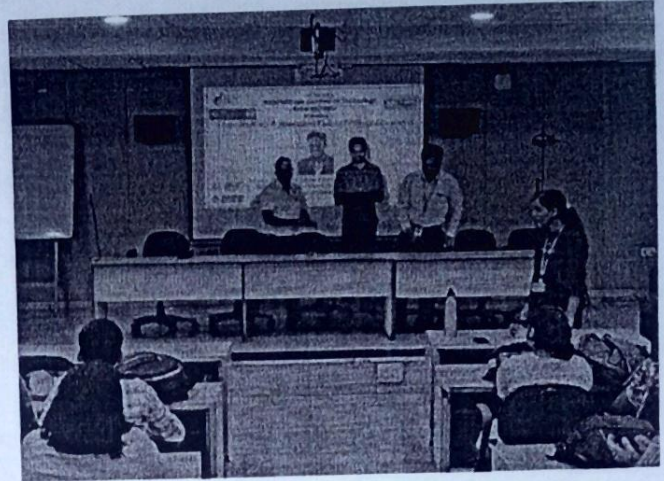
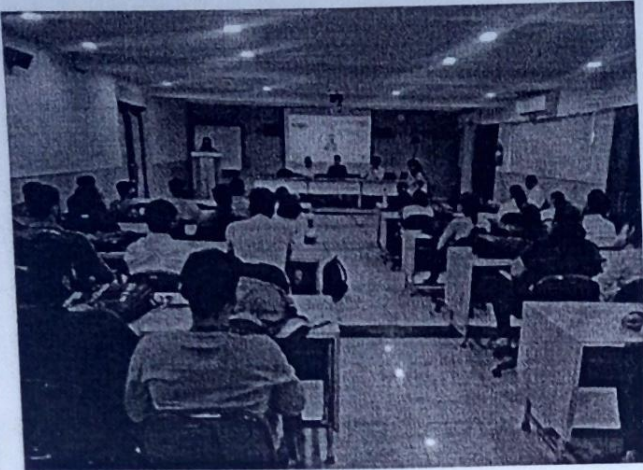
Mr. Karan Chaaven guided students about how to start a lean start-up & how to develop minimum viable products/ business by sharing his experience. Along with this he discussed many valuable things like how his last year's project became the foundation of his future, how he and his co-founders started from scratch, and the journey of TGP Bio-Plastics. He explained lean start-up term through his real-life examples and using the internet. He also guided the students about various things which students should implement in their lives to achieve what they really want to do passionately. At the end vote of thanks was given by Ms. Aayuti Chougale and the entire anchoring Ms. Sakshi Hebbalkar did.

Objectives of Workshop:-

- i. To provide the knowledge of lean startups and Minimum Viable Product/ Business to final year students.
- ii. To provide foundational knowledge of statups.
- iii. To encourage final year students to take Entrepreneurship Development Track.

A webinar on
Lean Start-up & Minimum Viable Product/ Business
22nd August 2022.

Webinar Snaps:-



A webinar on
Lean Start-up & Minimum Viable Product/ Business
 22nd August 2022.

Schedule:-

Date	Session	Time	Content
2 August 2022	01	03.00 to 03.10 PM	Inauguration Preamble and about RIT-IEEE Dr. V. N. Kalkhambkar Gust – Mr. S. M. Aarli
	02	03.10 to 04.50 PM	Presentation by Mr. Karan Chavan
	03	04:50 to 05.00 PM	Q & A session and valedictory


Flyer:-

Rajarambapu Institute of Technology,
Rajaramnagar (Islampur), Sangli

Webinar on


**Lean Start-up &
Minimum Viable
Product/ Business**

Our Speaker



Mr. Karan Chavan
CEO, Founder
TGP Bioplastics Pvt. Ltd.

In Collaboration With



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

IEEE
RIT-Student Branch

EESA
Electrical Engineering Student Association

Organized by,
**ELECTRICAL
ENGINEERING
DEPARTMENT**

-DATE-
 22 August, 2022
 03:00 PM to 05:00 PM

-VENUE-
 Video Conference
Hall, RIT

NRIT
 Powered by an Incubation center
funded by Maharashtra Govt.

Event Coordinators

Dr. V. N. Kalkhambkar
Head, Electrical Department
(9422660990)

Prof. S. S. Kumbhar
Dept IIC Coordinator
(9284228266)

Prof. K. M. Nathgosavi
EESA Coordinator
(7410009709)

Patrons:

Dr. S. S. Kulkarni
Director,
R.I.T. Rajaramnagar

A webinar on
Future Energy Systems & Energy Conservation
14th December 2022.

REPORT

Every year on the 14th of December, Indians around the country commemorate National Energy Conservation Day. In 2001, the Bureau of Energy Efficiency (BEE) of India implemented the Energy Conservation Act. On this occasion, department has planned a webinar on “Future Energy Systems & Energy Conservation” to celebrate the day. “Future Energy Systems & Energy Conservation” aimed at providing knowledge to the students on the aspects of Future Energy. Participants can develop an awareness about promoting actions for the responsible use of finite resources. The webinar had relevance to recent trends in the technological market in Energy Sector.

The session was inaugurated by Dr. A. R. Thorat, Electrical Engineering Department, RIT Rajaramnagar on 14th Dec 2022. In his keynote speech, he touched upon various aspects of the importance of Future Energy Systems, and renewable energy sources. Also, he gave the emphasis on RIT-IEEE student branch, and EESA. After the keynote, Prof. P. A. Patil gives a brief introduction of RIT-IIC cell details along with a glimpse of IIC activity. The session was started by expert Dr. D. B. Talange (Certified Energy Auditor). The webinar fully focused on the new upcoming era of electric vehicles and renewable energy resources. Sir has discussed the new evolution of the EV sector, how it is boosting in the present, and firms where students can work. Students also got to know about the new energy storage technologies and the backup storage devices which can improve the power stability and efficiency as well. Before end of session he has given brief introduction about the new EV charging problems and how to overcome those through various ways. The session was about the green energy resource and to overcome the present facing problems which will both satisfy the need of the people as well as maintain the cycle of the ecosystem

A webinar on
Future Energy Systems & Energy Conservation
14th December 2022.

Objectives of Workshop:-

- i. To expose the student to emerging technologies in the areas of Energy Conservation & Future Energy.
- ii. To provide foundational knowledge of Energy and EV sector.
- iii. Participants will develop a basic understanding of Renewable Energy Sources.

Schedule:-

Date	Session	Time	Content
14 December 2022	01	01.00 to 01.10 PM	Inauguration Preamble and about RIT-IEEE Dr. V. N. Kalkhambkar About IIC – Prof. P. A. Patil
	02	01.10 to 2.50 PM	Presentation by Dr. D. B. Talange
	03	02:50 to 3.00 PM	Q & A session and valedictory

VENUE: Electrical Seminar Hall

Flyer



Rajarambhosale Institute of Technology and Research
Rajarambhosale (Maharashtra) India

National Energy Conservation Day

Technical Session: **Energy Conservation & Future Energy**

Our Speaker:



Dr. D. B. Talange
CERTIFIED ENERGY AUDITOR

In Collaboration With



IEEE
Rajarambhosale Branch



INSTITUTION'S INNOVATION COUNCIL



Maharashtra State Innovation Society

Organized by:

ELECTRICAL ENGINEERING DEPARTMENT

14 December 2022
01:00 PM to 03:00 PM IST

Location:
Electrical Seminar Hall



RIT
Powered by an incubation center headed by Maharashtra Govt.

Event Coordinators

Dr. V. N. Kalkhambkar
Head, Electrical Department
(9422660990)

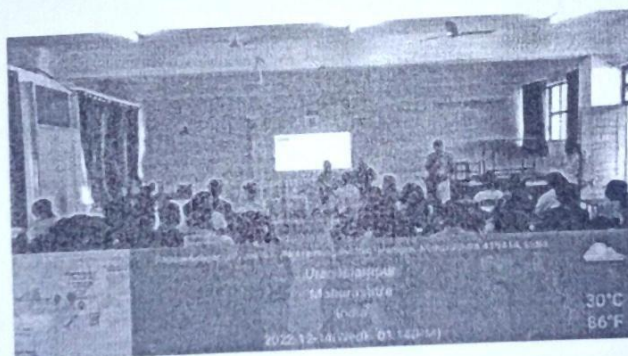
Prof. S. S. Kumbhar
Dept. IIC Coordinator
(9284228260)

Patrons:

Dr. S. S. Kulkarni
Director,
R.I.T. Rajaramnagar

A webinar on
Future Energy Systems & Energy Conservation
14th December 2022.

Session Snaps





K. E. Society's

Rajarambapu Institute of Technology, Rajaramnagar

An autonomous Institute Affiliated to Shivaji University, Kolhapur

Accredited with A⁺ grade by NAAC



One day

Electrical Safety Awareness Program

Under lead college scheme SUK organized by

Department of Electrical Engineering

Report

Date : 17th March 2023

Location : CSE,Conference Hall

No. of beneficiary : 70

Beneficiary to : All intresred

Coordinators : Mrs. Y. N. Bhosale (Asst.Prof-EE Dept)

Mrs.S.S.Patil (Asst.Prof-EE Dept)

Introduction

In day today life everyone is handling electrical equipment directly or indirectly so that everyone needs to aware about safety of electricity. Electrical accidents can cause burns, shocks and electrocution, and without the proper electrical safety can lead to fatal accidents in a worst case scenario. Electrical safety program helps employees to prosper and develop their careers in electrical trade, while it gives employers a highly skilled workforce and a competitive advantage. Electrical works shall be managed safely, complying with the concerned current electrical regulations.

Objective of program

The main objective of this awareness programme is to make aware the participants about electrical safety, rules and regulations.

Outcomes: At the end of workshop participants will be able to:

- Improve the Energy efficiency of the system and efficient use of Resources.
- Increase the safety of equipment.
- Increase the safety of personnel.
- Understand the electrical performance and possible safety Hazards in the system.

Inaugural session:

Inauguration of this event was done by Director of our college Dr. Sushma Kulkarni and Dean student development Mr.S.N.Jugulkar Sir, HOD Dr.Kalkhambkar Sir,and Electrical inspection team,Govt Of ,Maharashtra. For the inauguration, Mr. S. S. Rathod (Electrical Inspector) ,Mr.S.M.Koli (Asst. Electrical Inspector) MrA.B.Mane (Asst. Electrical Inspector) , Mr.A.A Rajput (Asst.Engg) was invited as chief guest.

For this programe ITI Students,degree students,college teaching and non-teaching staff were present.



Session First- Electrical safety and Electrical installation in Industry.

This session conducted by electrical inspection team in which they share the knowledge about importance of elcb and rccb for residential as well as industrial ,commercial applications. The discussion was held about various voltage values, phase and earth, phase and neutral, calculation of load, cable sizing, steps followed by electrical contractor for installations, selection of switchgear and protection, awareness about accidents, precautions, rules and regulations all these points are covered by electrical inspection team.





Session Second- demonstration on fire hazards.

In this session demonstrations are done by, Mrs Y. N. Bhosale, Mr.A.N.Jadhav, Mr.S.S.Kadam.

By this demonstration everyone introduced with operation of the fire extinguisher, checking the earthing and utilization, general maintenance, etc.



Summary

The first session is helpful to all for taking care of our self as general safety precautions .

This workshop covered some basic things that must know to every one about fire hazards and ELCB, RCCB, Earthing ,etc From this programme everyone get aware about electrical safety ,installation ,rules and regulations.

After the completion of all sessions, a short valedictory function was arranged and the completion of the workshop was formally declared.



Mrs. Y. N. Bhosale
Assistant Prof, EE

Dr. V. N. Kalkhambkar
Head of EE Dept, RIT

Participants Feedback

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RAJARAMBAPU INSTITUTE OF TECHNOLOGY, RAJARAMNAGAR
(AN AUTONOMOUS INSTITUTE)
DEPARTMENT OF ELECTRICAL ENGINEERING ORGANISE
ELECTRICAL SAFETY AWARENESS PROGRAM
Under lead college scheme of SUK.

FEEDBACK FORM

NAME OF PARTICIPANT: Sahel Chavhan
NAME OF COLLEGE & DEPARTMENT: Rajarambapu ITI - ET
MOBILE NO.: 9868555150

- Information in the morning session helpful for me.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral
- Information in the Afternoon session helpful for me.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral
- I learnt how to increase safety of equipment.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral
- I learnt how to increase safety of personnel.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral
- I can identify possible safety hazards in the system.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral

Sahel
Sign

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RAJARAMBAPU INSTITUTE OF TECHNOLOGY, RAJARAMNAGAR
(AN AUTONOMOUS INSTITUTE)
DEPARTMENT OF ELECTRICAL ENGINEERING ORGANISE
ELECTRICAL SAFETY AWARENESS PROGRAM
Under lead college scheme of SUK.

FEEDBACK FORM

NAME OF PARTICIPANT: Sanjay Arvind Chavan
NAME OF COLLEGE & DEPARTMENT: ITI - ET
MOBILE NO.: 9867889882

- Information in the morning session helpful for me.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral
- Information in the Afternoon session helpful for me.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral
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- I learnt how to increase safety of personnel.
☐ Strongly agree ☒ Agree ☐ Disagree ☐ Neutral
- I can identify possible safety hazards in the system.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral

Sanjay
Sign

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RAJARAMBAPU INSTITUTE OF TECHNOLOGY, RAJARAMNAGAR
(AN AUTONOMOUS INSTITUTE)
DEPARTMENT OF ELECTRICAL ENGINEERING ORGANISE
ELECTRICAL SAFETY AWARENESS PROGRAM
Under lead college scheme of SUK.

FEEDBACK FORM

NAME OF PARTICIPANT: Siddhant Sagar Mahadik
NAME OF COLLEGE & DEPARTMENT: Rajarambapu ITI - ET
MOBILE NO.: 7798989003

- Information in the morning session helpful for me.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral
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- I can identify possible safety hazards in the system.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral

Siddhant
Sign

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RAJARAMBAPU INSTITUTE OF TECHNOLOGY, RAJARAMNAGAR
(AN AUTONOMOUS INSTITUTE)
DEPARTMENT OF ELECTRICAL ENGINEERING ORGANISE
ELECTRICAL SAFETY AWARENESS PROGRAM
Under lead college scheme of SUK.

FEEDBACK FORM

NAME OF PARTICIPANT: Akshay Subhash Hanrao
NAME OF COLLEGE & DEPARTMENT: Rajarambapu ITI
MOBILE NO.: 8489529036

- Information in the morning session helpful for me.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral
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☐ Strongly agree ☒ Agree ☐ Disagree ☐ Neutral
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☐ Strongly agree ☒ Agree ☐ Disagree ☐ Neutral
- I can identify possible safety hazards in the system.
☒ Strongly agree ☐ Agree ☐ Disagree ☐ Neutral

Akshay
Sign

Participants Certificate (Sample)

K.E. Society's
Rajarambapu Institute of Technology

**CERTIFICATE
OF PARTICIPATION**

This is to certify that Mr/Ms Yevale Abhishek C. from ITI department participated in **Electrical Safety Awareness Program** Under Lead College Scheme of SUK held on 17/03/2023 organized by Department of Electrical Engineering

Yevale Yevale Yevale Yevale

Mrs. Y.N. Bhosale
Mrs. S.S. Patil
Event Co-ordinators

Dr. V.N. Kalkhambkar
HOD, Electrical Engg. Dept.

Dr. D.G. Thombare
Lead College Co-ordinator

Dr. Mrs. S.S. Kulkarni
Director