Metric 2.3.1

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

2.3.1: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for learning experiences

The entire teaching and learning process has been redesigned with a learner-centric approach, emphasizing collaborative, experiential, participatory, and problem-solving methods to provide students with hands-on and meaningful experiences.
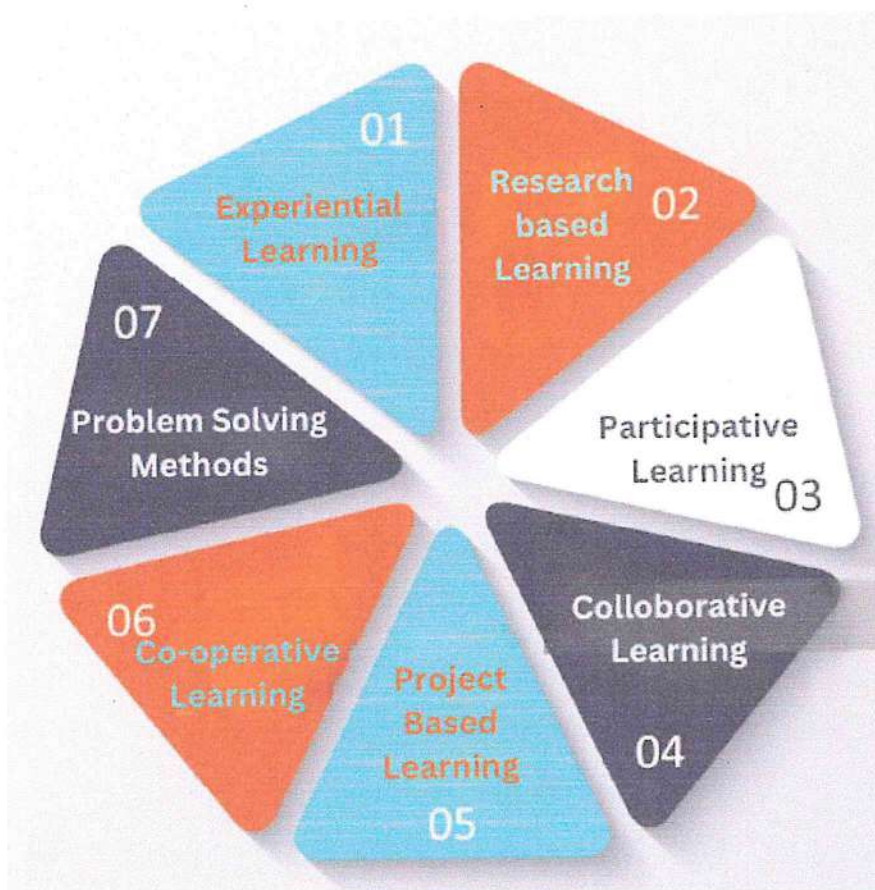
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METRIC 2.3.1

S L. N O	LEARNING CATEGORY	STUDENT CENTRIC METHODS (HIGHLIGHTS) Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
1	Experiential Learning	**INDUSTRIAL VISIT** RCET motivates students to visit renowned industries each year to acquire practical, hands-on knowledge. **KANAN DEVAN HILL PLANTATION, MUNNAR** **II YEAR BTech Agricultural Engineering** **AUGER BORING @ NATIONAL HIGHWAY 66 CONSTRUCTION.** **III YEAR CIVIL ENGINEERING**

2	Experiential Learning	**INTERNSHIP AT SIVA HOSPITAL** RCET encourages students to participate in internships, providing them with the opportunity to apply the knowledge gained in the classroom to real-world scenarios. **BIO MEDICAL ENGINEERING**
3	Experiential Learning	**INPLANT TRAINING AT FINURA BIOTEKS** To enhance students' practical knowledge, the respective departments encourage them to participate in in-plant training programs. **II YEAR AGRICULTURAL ENGINEERING**

4	Experiential Learning	**VAC ON IOT** RCET offers Value-Added Courses beyond the curriculum to bridge the gap between academic learning and industry demands. These courses focus on enhancing entrepreneurial and employability skills. **III CSE COMPUTER SCIENCE & ENGINEERING**
5	Experiential Learning	**TRAINING PROGRAMME ON MUSHROOM CULTIVATION** Department of Chemistry in association with Department of Agriculture Engineering organized the five days Hands on Training programme on "Mushroom Cultivation" for the first year students of Department of Agricultural Engineering with on imparting the conceptual knowledge on Mushroom Cultivation. Mrs.Pushpalatha and Mr.Saran, Mushroom Cultivation Trainers, IOB-RSETI, Kanyakumari guided the students in cultivation process.

6	Experiential Learning	**SOFTWARE TRAINING** **ADVANCED CIVIL ENGINEERING SOFTWARES**

The Department of Civil Engineering of RCET has organized ONE DAY SOFTWARE TRAINING ON ADVANCED CIVIL ENGINEERING SOFTWARES on 06.04.2024 by CAD DESK Nagercoil.

7	Experiential Learning	**FIELD VISIT TO FILTER HOUSE NAGERCOIL**

Field visits play a crucial role in education by providing students with real-world exposure, practical insights, and hands-on experience in their field of study. They help bridge the gap between theoretical knowledge and its application, fostering a deeper understanding of concepts, enhancing problem-solving skills, and preparing students for professional challenges.

8	Experiential Learning	**WORKSHOP ON PCB DESIGN** The Department of Biomedical Engineering of RCET has organized Medical Workshop on 11.12.2023 and 12.12.2023, This program was conducted by the team of Mr. Kailash of Tresbytes from Tirunelveli.
9	Experiential Learning	**ONE DAY FIELD VISIT-THIRUVANANTHAPURAM** **Kerala State Electronics Development Corporation Limited's (KSEDC) Thiruvananthapuram**

| 10 | Experiential Learning | **FIELD VISIT- CAPESTART: SOFTWARE DEVELOPMENT & DATA PREPARATION SERVICES**

II YEAR COMPUTER SCIENCE & ENGINEERING

Field visits demonstrate how classroom concepts are applied in real-world situations. These hands-on experiences provide students with practical insights, helping them connect theory to practice and deepen their understanding by observing processes and operations firsthand. |

11	Experiential Learning	**SOLAR PV INSTALLATION CHALLENGES –WORKSHOP** **SOLAR ENERGY- GO GREEN** **III YEAR ELECTRICAL & ELECTRONICS ENGINEERING** The Department of Electrical and Electronics Engineering is hosting a two-day workshop, "Solar PV Installation and Integration Challenges," at the RCET Campus's Renewable Energy System Lab, from 9:30 am to 3:50 pm. The workshop aims to equip students with essential skills in electrical and electronic engineering, focusing on critical thinking, problem-solving, and teamwork.
12	Experiential Learning	**SURVEY CAMP** Advanced field surveying value added course and the course is conducted from 27-05-24 to 31-05-24. The student got practical exposure regarding total station and GPS survey.
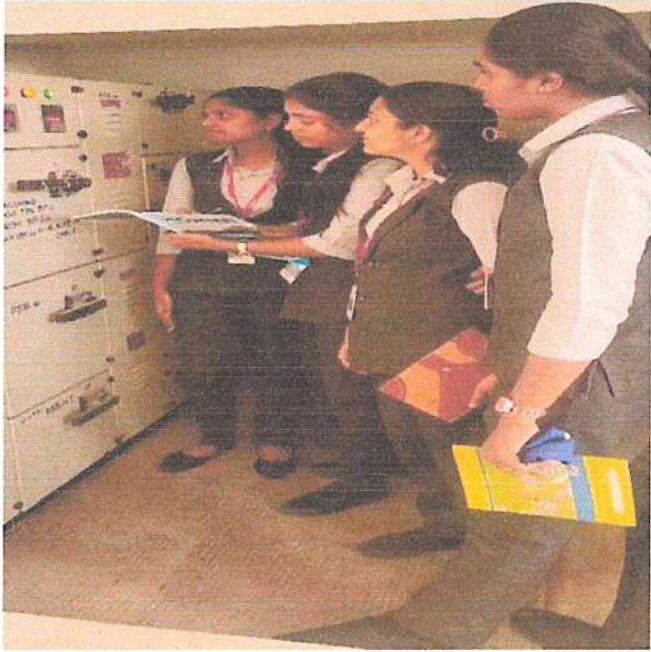
13	Experiential Learning	**ENERGY AUDIT** Encouraging students to audit their classroom and campus facilities for energy conservation can raise awareness and foster sustainable habits.
14	Experiential Learning	**TEST ON BRICK- EXPERIMENTAL LEARNING** **DATE - 22-08-2024**

15	Experiential Learning	**PROJECT EXPO** The Project Expo is an event where students present their projects, highlighting the practical application of the knowledge and skills they've gained through hands-on learning. It offers a platform for students to share their work, engage with peers and experts, and receive valuable feedback, promoting deeper understanding and growth in their field of study.
16	Experiential Learning	**SALES DAY** Sales Day allows students to apply their sales and marketing skills in a real-world setting. They participate in activities like pitching products, interacting with customers, and completing sales transactions, gaining practical experience. This event helps improve their communication, negotiation, and problem-solving skills, bridging the gap between theory and real-world scenario.

17	Experiential Learning	**SPECTRA PROJECT EXPO** **I YEAR BIO MEDICAL ENGINEERING**
18	Experiential Learning	**AGRO-VISIT** Hands on Training on Tractor Training was held on 14/10/2023, Head of Dept Ms K. Krishna Veni, and Assistant Professors Mr. N. Arunpandian, Mr. P. Venkateshan has conducted this training to all students of III - Year B - Tech , Agricultural engineering students with live demo and droves by individual students with the help of Our college labour.

19	Experiential Learning	INTERNSHIP TRAINING

III YEAR MECHANICAL ENGINEERING STUDENTS
DIESEL LOCO SHED, SOUTHERN RAILWAY, ERNAKULAM

20	Experiential Learning

INTERNSHIP TRAINING

III YEAR COMPUTER SCIENCE & ENGINEERING

Internship Training in Experiential Learning allows students to gain real-world work experience by applying their academic knowledge in professional settings. During internships, students work closely with industry professionals, develop practical skills, and learn about the day-to-day operations of their chosen field. This experience helps bridge the gap between classroom learning and professional practice, enhancing students' employability and overall career readiness.
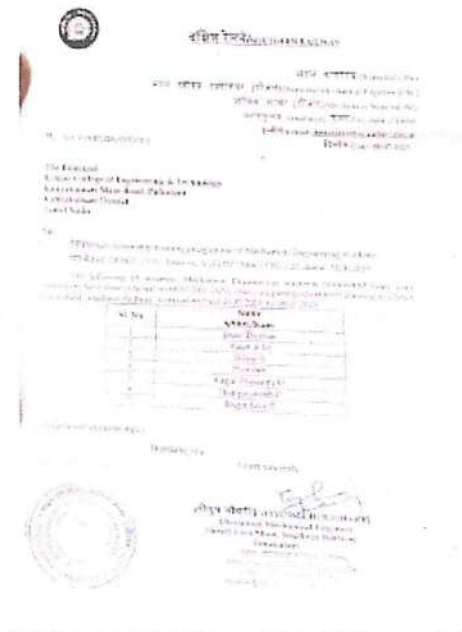
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METRIC 2.3.1

S L. N O	LEARNING CATEGORY	STUDENT CENTRIC METHODS (HIGHLIGHTS) Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
1	Participative Learning	**CERTIFICATION COURSES** RCET encourages students to pursue certification courses to cultivate and enhance their self-learning abilities. These courses rely on the students' intrinsic motivation rather than external pressures, empowering them to complete the coursework independently. This approach fosters a lifelong habit of staying updated through self-directed learning.

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Google

Nov 25, 2023

Solai Kesavan

has successfully completed

Crash Course on Python

an online non-credit course authorized by Google and offered through Coursera

Google

Google

coursera

verify at
https://coursera.org/verify/MAFSBW5KRKB

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cisco Networking Academy

Certificate of Course Completion

Devan V

has successfully achieved student level credential for completing
the Data Analytics Essentials course

The student was able to proficiently:

- Explain how the data analytics process creates value from data
- Explain the characteristics of data, including formats, availability and methods to acquire
- Transform data using analytics tools
- Analyze data using basic statistical and data preparation techniques
- Complete hands-on lab using Excel, SQL, Tableau and other tools
- Evaluate and share project portfolio

Laura Quintana
Laura Quintana
Vice President and General Manager
Cisco Networking Academy

December 21, 2023

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2	Participative Learning	**INTER COLLEGE MEDICAL CAMP**

On National Immunization Day (16-03-2024), the biomedical students of RCET organized a medical camp at the Imperial Hall of Rohini College of Engineering and Technology. The camp provided various health services, including blood pressure monitoring, oxygen level monitoring, blood grouping, RBC and WBC counts, temperature checks, height and weight measurements, and blood sugar level testing.

3	Participative Learning	**ONE Day Workshop on SPECIAL FOUNDATION AND SITE EXPLORATION TECHNIQUES FOR METRO AND NATIONAL HIGHWAY PROJECTS**

The Department of Civil Engineering of RCET has organized "ONE Day Workshop on "SPECIAL FOUNDATION AND SITE EXPLORATION TECHNIQUES FOR METRO AND NATIONAL HIGHWAY PROJECTS"on 26.09.2023. This program was conducted by Mr.K.Shankar Narayanan, Senior Geotechnical Engineer Varaha Geotechnical works, Rajapalayam.

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4	Participative Learning	**ONE DAY WORKSHOP ON NATURAL, ORGANIC AND BIO-FERTILIZERS**

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4HM7+V85, Kanyakumari, Tamil Na
Lat 8.134616°
Long 77.56333°

Kanyakumari, Tamil Nadu, India
4HM7+J9Q, Kanyakumari, Tamil Nadu 629401, India
Lat 8.13306°
Long 77.563444°
02/12/23 03:28 PM GMT +05:30

II YEAR AGRICULTURAL ENGINEERING

A workshop on participative learning emphasizes active engagement and collaboration among learners to enhance the educational experience. This approach fosters critical thinking, teamwork, and the ability to apply knowledge in real-world scenarios, making it an essential tool for holistic education.

| 5 | Participative Learning | **5 DAYS HANDS ON TRAINING ON IOT CONCEPTS & APPLICATIONS**

The RCET ISTE chapter organized the hands on Training in IoT Concepts & Applications. Program was inaugurated by the respected Principal Dr.R.Rajesh followed by 5 days hands on training by the resource persons Dr.M.Reji, ASP/ECE, RCET, Mr.Gokul Raj Sivaraj, IoS & Android Developer, Zio FinTech Service Pvt.Ltd, Mr.M.Saravana Kumar, Managing Director & CEO, Iconix Software Solution. This hands on training helped to increase awareness of the implications of using the IoT systems.


12 நாகர்கோவில் 10-3-2024 ★★★

ரோகிணி பொறியியல் கல்லூரியில்

பயிற்சி முகாம் |

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6	Participative Learning	**"TEAMWORK IS THE ENGINE FOR A HIGH PERFORMANCE AND WORK CULTURE"**
		STUDENTS GROUP ACTIVITY BASED ON MANAGERIAL CONCEPTS

Group discussions and gaming activities offer students a chance to develop professional values, acquire knowledge, and enhance their skills.
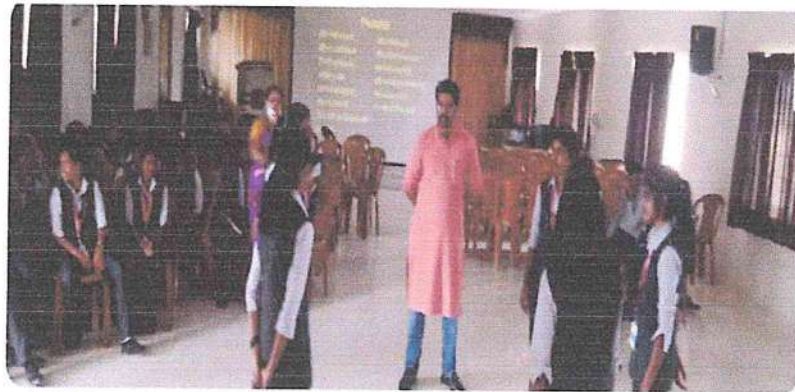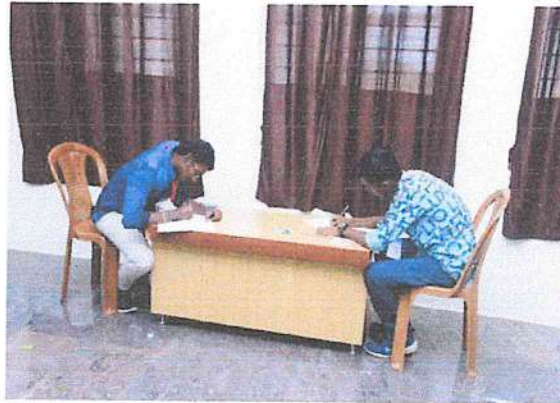
LAND SURVEYING BY STUDENT GROUP

7	Participative Learning	

RCET fosters a learner-focused approach to teaching and learning, prioritizing active engagement through hands-on activities, collaborative small group work, open-ended questions, and peer-to-peer teaching.

8	Participative Learning	**MOCK INTERVIEW**

A mock interview is an effective participative learning exercise that prepares students for real-world job interviews. By simulating the interview process, students actively engage in practicing communication skills, answering questions, and receiving constructive feedback from mentors or peers.

9	Participative Learning	**TWO DAYS HANDS-ON TRAINING WORKSHOP ON UNSEEN BUT ESSENTIAL HOW NDT SHAPES INDUSTRIES WORLDWIDE**

The Department of Mechanical Engineering organized a two-day hands-on training workshop on Non-Destructive Testing (NDT) for final year students The workshop aimed to provide students with practical experience in various inspection methods and equipment used in NDT.

10	Participative Learning	**PRODUCT DEVELOPMENT - MOBILE APP** RCET students have developed an innovative solution for college bus users by launching a mobile app for online tracking. This bus tracking app is a software application designed to help users monitor the real-time location of buses, manage their transit schedules, and enhance their overall commute experience.
11	Participative Learning	**SEMINAR PRESENTATION** RCET encourages students to actively participate in seminars, as they provide an opportunity for self-assessment and improvement in areas of weakness. Interacting with industry experts and professionals not only boosts their confidence but also enhances their readiness for interviews and future career opportunities.

SALES DAY

12	Participative Learning	
13	Participative Learning	

By using Sales Day as a form of participative learning, students gain valuable insights into the sales process, practice their skills in a safe and supportive environment, and walk away with a deeper understanding of business principles. It's a powerful way to make learning both practical and dynamic.

SPECTRA 23-24

Annual Tech Fest – An event held each year for engineering students, where selected projects are showcased on a larger platform, providing greater visibility and exposure.

ANNUAL TECH FEST – SPECTRA'2023

Creativity requires input, and that's what research is"- A Technical Paper Presentation, A Technical Debate and an Innovative Project.

14	Participative learning	ANNUAL CULTURAL FEST- RIPPLE

The annual cultural program serves as a platform for participative learning, allowing students to actively engage in organizing, planning, and performing various cultural activities. Through roles in event management, coordination, and presentation, students develop skills in teamwork, communication, leadership, and creativity.

Annual Day as Participative Learning is an engaging way to involve students in the planning, organization, and execution of an event that celebrates achievements and fosters a sense of community within the institution. By making the event a collaborative effort, students actively contribute their skills, creativity, and teamwork abilities, learning valuable life skills along the way.

15	Participative Learning	**TECHNICAL FEST** **"RCET uses Techfest to enhance human interactions"** **"If you and your team is passionate about technology you will do it with relative ease." - SPECTRA**
16	Participative Learning	**SEMINAR BY RCET STUDENT** Seminars, workshops, and conferences play a crucial role in a student's life, offering a platform to explore new ideas, gain alternative perspectives, and stay updated with current knowledge and trends.

17	Participative Learning	**RCET ENCOURAGES PROJECT BASED LEARNING**
		A Project Expo serves as an excellent platform for participative learning, enabling students to showcase their innovative projects and ideas. Through active involvement in designing, developing, and presenting their work, students apply theoretical concepts to real-world challenges.
18	Participative Learning	**GUEST LECTURE ON " POWER OF EMERGING TECHNOLOGIES "** The Faire Connectrons, an Association Electronics and Communication Engineers. hosted a Guest Lecture on " POWER OF EMERGING TECHNOLOGIES " on March 26, 2024 at College Campus. RCET develops the passion towards LEARNING because learning never exhausts the mind. A guest lecture is an effective method of participative learning, where students gain insights from experts with real-world experience and specialized knowledge in their field. By engaging in interactive discussions, asking questions, and sharing perspectives, students actively participate in the learning process.

19	Participative Learning	**ROLE PLAY** **STACK APPLICATION**
		CS3301 DATA STRUCTURES TOWERS OF HANOI & RECURSION
		Role playing exercises encourage students to think more critically about complex and controversial subjects and to see situations from a different perspective.
20	Participative Learning	**INDUSTRY INTERACTION**
		In order to expand the core competencies and practical knowledge of the students, they are familiarized with the real working environment through training by industrial people.

21	Participative Learning	**FIELD VISIT**
		Biomedical engineering students undertook a field visit to a hospital as part of their curriculum. The visit provided them with an opportunity to observe the practical applications of medical technologies, interact with healthcare professionals, and understand the functioning of advanced biomedical equipment such as ventilators, imaging systems, and diagnostic devices.
22	Participative Learning	**WORKSHOP ON "IOT BASED SYSTEM DESIGN**
		The Faire Connectrons , an Association of Electronics and Communication Engineers, hosted a four-day workshop on "Intelligent wireless data transfer in IOT system design using node MCU, Arduino and Rashperry Pi on October 9th,10th,11th and 12th, 2023 at Rohini Campus. Students were given hands on traing using NODE MCU and Arduino and training in programing the tools. They were also given a lecture on how Rashperry Pi and how it is programmed using python.

23	Participative Learning	**INTERNSHIP @ NATIONAL SMALL INDUSTRIAL CORPORATION (CHENNAI)**

The students of the ECE department went on a 15 days " Summer Internship Program" from June 29-2023 to july 15-2023. More than 40 students from the department of ECE attended an internship at NSIC in the domain of Embeded system

An internship serves as a dynamic form of participative learning, providing students with real-world experience in their field of study. By actively engaging in workplace tasks, collaborating with professionals, and applying academic knowledge to practical challenges, students gain valuable insights into industry practices.

24	Participative Learning	**MOTIVATIONAL PROGRAM DR. JEGAN & MR.GOPINATH**

A motivational program integrated into participative learning empowers students to actively engage in activities that inspire personal growth and resilience.

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Many students suffer from stress and anxiety. That may affect their performance. Our program motivates students and supports them.

25	Participative Learning	**CONFERENCE PRESENTATION**
		Conference presentations provide great opportunities for the students to communicate their research to a wide and interested audience, get feedback on their work, learn from other presenters and broaden their professional network.
26	Participative Learning	**TUTORIAL HOURS**
		Tutorial Hours as Participative Learning is an interactive learning approach that emphasizes active student involvement during tutorial sessions. Instead of traditional passive learning, where students simply listen to lectures, participative learning in tutorials encourages collaboration, problem-solving, and peer-to-peer teaching.

27	Participative Learning	**Poster Presentation**

A poster presentation in participative learning is an interactive method that encourages students to actively engage with the material being presented. This approach allows students to collaborate, discuss ideas, and share knowledge through visually appealing posters.
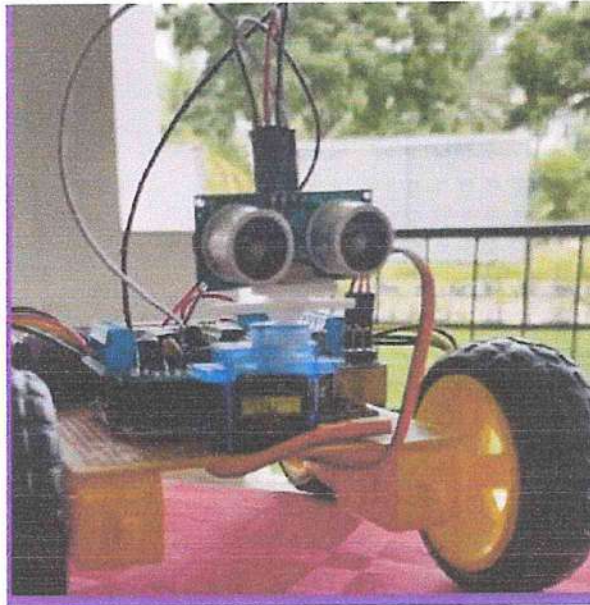
28	Participative Learning	**MINI PROJECT EXPO**

"Science is a way of thinking much more than it is a body of knowledge.", The ECE department of Rohini College of Engineering and Technology hosted a Mini Project Expo on October 19th 2023.

The students of Third year displayed their projects on various domains like Robotics, Internet of Things (IoT), Artificial Intelligence, Embedded Systems, Disaster Management System, Bluetooth technology etc.

29	Participative Learning	**FIELD VISIT KERALA AGRICULTURAL UNIVERSITY, UNIVERSITY OF AGRICULTURE** A field visit as part of participative learning offers students a hands-on opportunity to engage directly with real-world environments related to their field of study. By observing, interacting, and applying theoretical concepts in practical settings, students deepen their understanding and enhance critical thinking skills. This experiential approach promotes active involvement, collaboration, and the ability to connect classroom knowledge with real-world applications, making learning both dynamic and impactful.

METRIC 2.3.1		
S L. N O	LEARN ING CATEG ORY	**STUDENT CENTRIC METHODS (HIGHLIGHTS)** Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences
1	Problem Solving	**GAME BASED LEARNING** **SUBJECT CODE: CS3301 DATA STRUCTURES** RCET encourages students to go with Game based learning. It is also an active learning technique where games are used to enhance student learning. Here, the learning comes from playing the game and promotes critical thinking and problem solving skills.
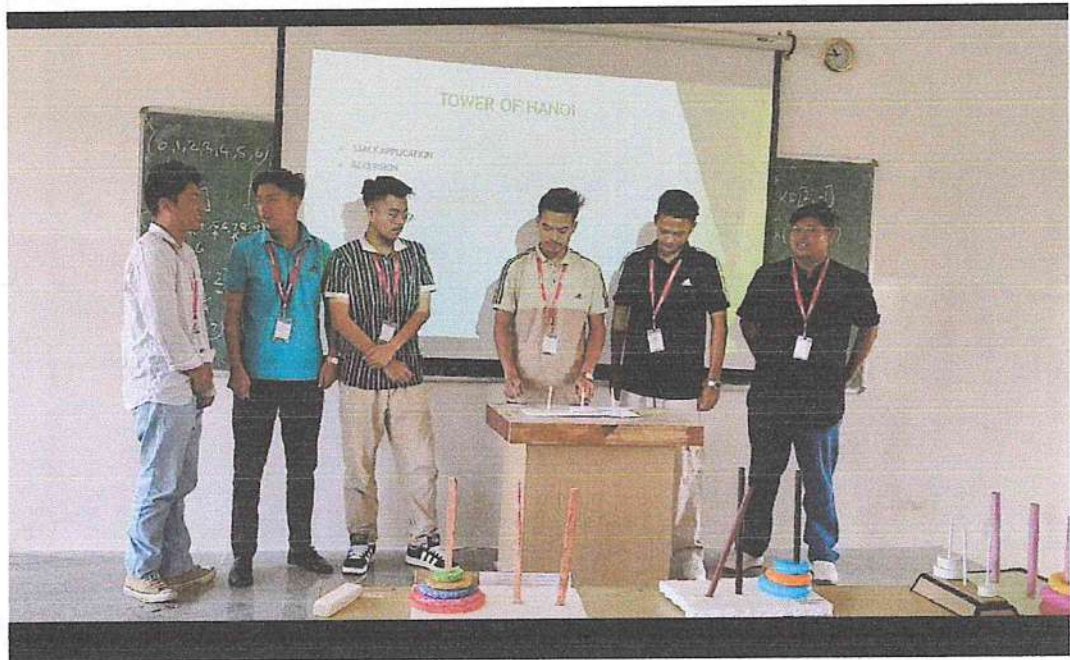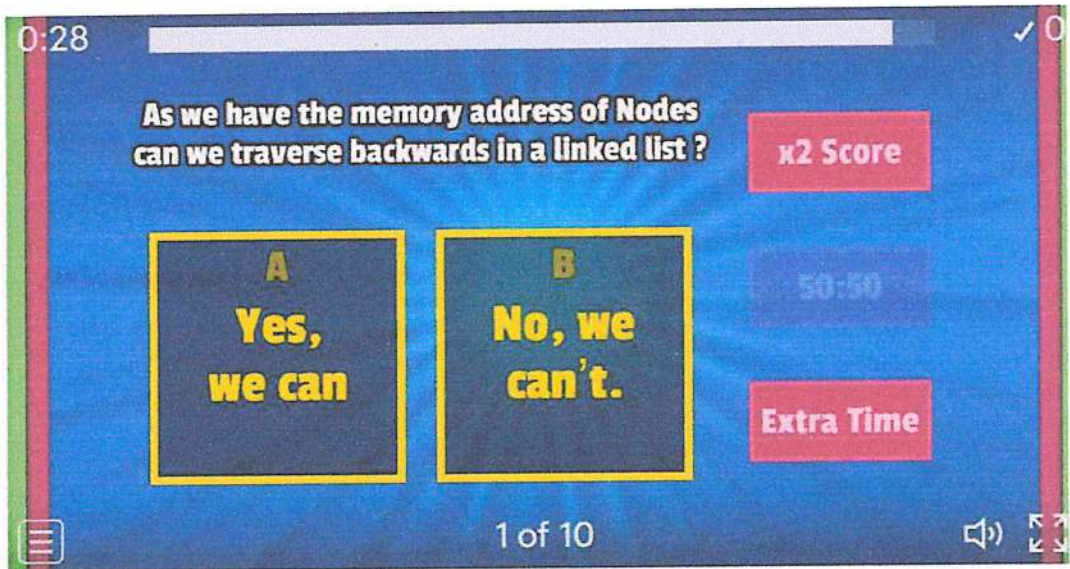
2	Problem Solving	**PUZZLE GAME** **CS8603 DISTRIBUTED SYSTEMS**

Visual perception plays a key role in learning to read and write, making puzzles an excellent tool for developing problem-solving skills. They offer enjoyable challenges, encourage collaboration, and test a wide range of thinking abilities. Moreover, they highlight the significant professional advantages of cultivating creative thinking.
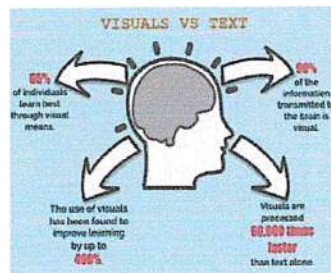
3	Problem Solving	YOU TUBE VIDEOS

TREE INTRODUCTION

CS3301 – DATA STRUCTURES

UNIT III
TREES

PRESENTED BY,
DR. I. MICHAEL REVINA
ASP/CSE

II ▶I ◀)) 0:09 / 6:34   Scroll for details

DISTRIBUTED SYSTEM

UNIT-I
MESSAGE-PASSING SYSTEMS
VERSUS SHARED MEMORY SYSTEMS

PREPARED BY,
MEENAKSHIAMMAL.R
AP/CSE, Rohini College of
Engineering & Technology

RCET leverages the power of YouTube videos to stimulate student learning and foster critical thinking.

VISUALS VS TEXT

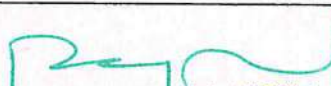| 4	Problem Solving	**VIRTUAL LAB** **CS8391 DATA STRUCTURES** **UNIT-II** A virtual laboratory enhances students' problem-solving skills, critical thinking, creativity, and conceptual understanding. It provides an effective solution for conducting experiments when resources and funding are limited.
5	Problem Solving	**VISUALIZERS** **NETWORK SECURITY** David Hyerle, the creator of the Thinking Maps methodology, highlights in his research on visual thinking that 90% of the information processed by the brain is visual. Visualization plays a key role in problem-solving, both before and after a problem is presented. Once a problem is introduced, visual representations help mentally simulate the scenario and the changes described within it.

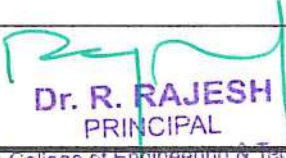| 6	Problem Solving	**GAME BASED LEARNING - MAZE CHASE** **CS3301 DATA STRUCTURES** **NETWORK SECURITY** Games are an excellent way for students to enhance their analytical skills. Engaging in mental games helps strengthen their minds, equipping them to solve real-world problems more effectively.

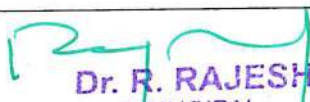| 7	Problem Solving	**APPLIED PROJECT IN BIG DATA** **DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING** **MINI PROJECT DEVELOPMENT** Problem-solving involves analyzing a challenge and then devising and implementing an effective solution. It is a critical skill for project managers to master. Various techniques can be employed for problem-solving, and the choice of method depends on the nature of the problem at hand.
8	Problem Solving	**MOCK INTERVIEW** Collaborating with a professional interviewer to solve problems teaches you a systematic approach to problem-solving. It also provides insight into various strategies for addressing a question and reveals how interviewers approach the thought process.

9	Problem Solving	**MINI PROJECT DEVELOPMENT** The way you connect and engage with others significantly influences the efficiency and speed at which you can solve problems.
10	Problem Solving	**FLIPPED CLASS** A flipped classroom is an instructional approach and a form of blended learning designed to enhance student engagement and learning. In this model, students complete readings or preparatory work at home, while class time is dedicated to active problem-solving and interactive activities.

11	Problem Solving	**TECHNICAL QUIZ**
		A technical quiz is an effective problem-solving learning methodology that encourages students to think critically, apply their knowledge, and analyze concepts under time constraints. By engaging in such quizzes, students sharpen their problem-solving skills, improve their subject understanding, and develop quick decision-making abilities in a competitive environment.
12	Problem Solving	**PRACTICAL STUDY**
		Practical study serves as a valuable problem-solving learning methodology by allowing students to apply theoretical knowledge to real-world scenarios. Field trips are a long-standing educational tradition that students thoroughly enjoy, as they provide an opportunity to step out of the classroom and explore new experiences. These trips offer real-world exposure, enhancing students' understanding and significantly improving their problem-solving skills.

13	Problem Solving	**LEARNING THROUGH WORKING MODELS**
		The model was effectively utilized by learners to address various problems, showcasing their cognitive development to a certain extent.
14	Problem Solving	**TECHNICAL SEMINAR**
		The goal of this seminar is to enhance problem-solving skills by presenting fun and challenging problems, many of which will require creative thinking to solve.

15	Problem Solving	**CASE STUDIES DISCUSSION** When well-structured, case studies challenge students' critical thinking and problem-solving abilities in a supportive and open learning environment.
16	Problem Solving	**INTERACTIVE SCREEN** Encouraging students to come up and solve problems on the interactive smart display is an exciting activity, as it allows them to interact with technology and fuels their curiosity. This method is an effective way to keep students engaged and maintain their attention.

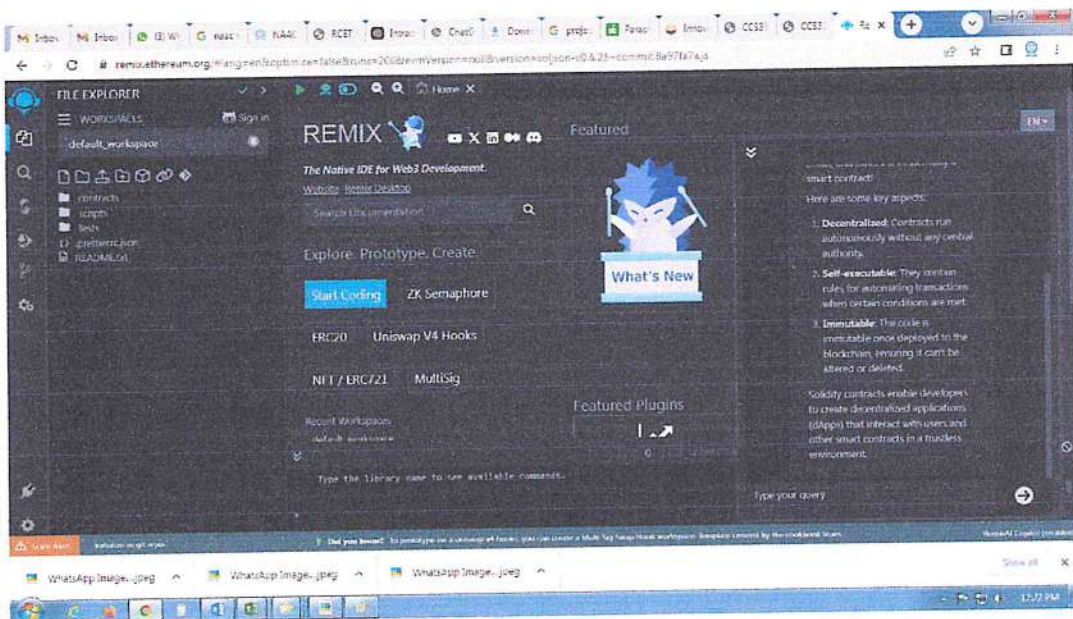| 17	Problem Solving	**MODEL BASED LEARNING**
		By constructing and analyzing these models, students can visualize relationships, test hypotheses, and explore various solutions. This approach enhances critical thinking, reasoning, and analytical skills, enabling students to tackle challenges systematically and creatively..
18	Problem Solving	**IN-HOUSE SUMMER TRAINING WITH PROJECT DEVELOPMENT**

19	Problem Solving	**DEMONSTRATION & PRACTICE** **REMIX IDE** **SUBJECT: CRYPTOGRAPHY AND CYBER SECURITY**
20	Problem Solving	**THINK-PAIR-SHARE STRATEGY** Think-Pair-Share is an effective problem-solving methodology that encourages students to engage in critical thinking and collaborative learning. In this approach, students first think individually about a problem, then pair up with a classmate to discuss their ideas and solutions, and finally, share their findings with the larger group. This method fosters analytical skills, enhances communication, and promotes teamwork, allowing students to explore different perspectives and generate effective solutions collectively.

| 21	Problem Solving	**PROJECT PRESENTATION**
22	Problem Solving	**ASSIGNMENTS BASED ON PROBLEMS** Problem-solving assignments are designed to help students develop critical thinking skills by finding solutions to real-world challenges based on facts and evidence, rather than personal opinions.
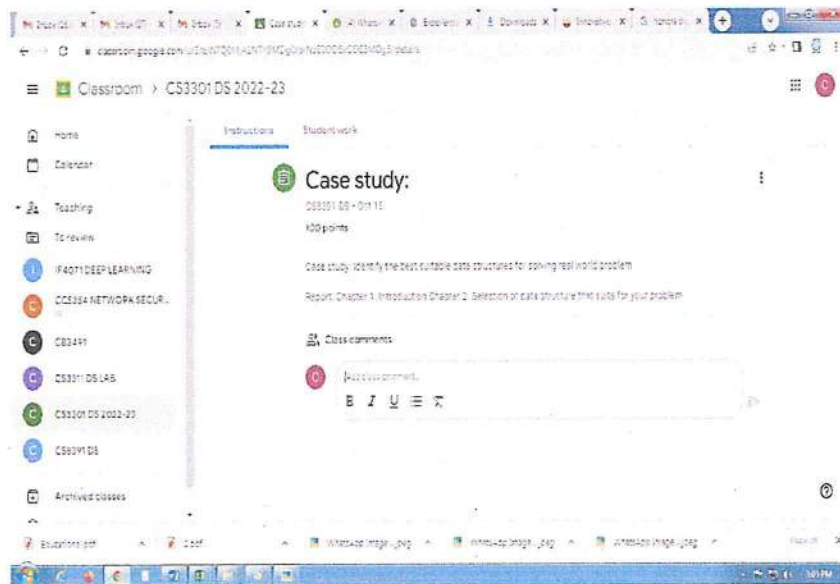
23	Problem Solving	EMAGAZINE & NEWS LETTERS DEPARTMENT OF ELECTRICAL ENGINEERING			

EMAGAZINE & NEWS LETTERS
DEPARTMENT OF ELECTRICAL ENGINEERING

S.NO	YEAR	MAGAZINE NAME	LINK TO PROOF
1	2023	FEEDERS 2023 - 24	https://rcet.org.in/uploads/files/Magazines/eee/FEEDERS%202023%20-%2024.pdf
2	2022	FEEDERS 2022 - 23	https://rcet.org.in/uploads/files/Magazines/eee/FEEDERS%202022%20-%2023.pdf
3	2021	FEEDERS 2021- 22	https://rcet.org.in/uploads/files/Magazines/eee/FEEDERS%202021-%2022.pdf
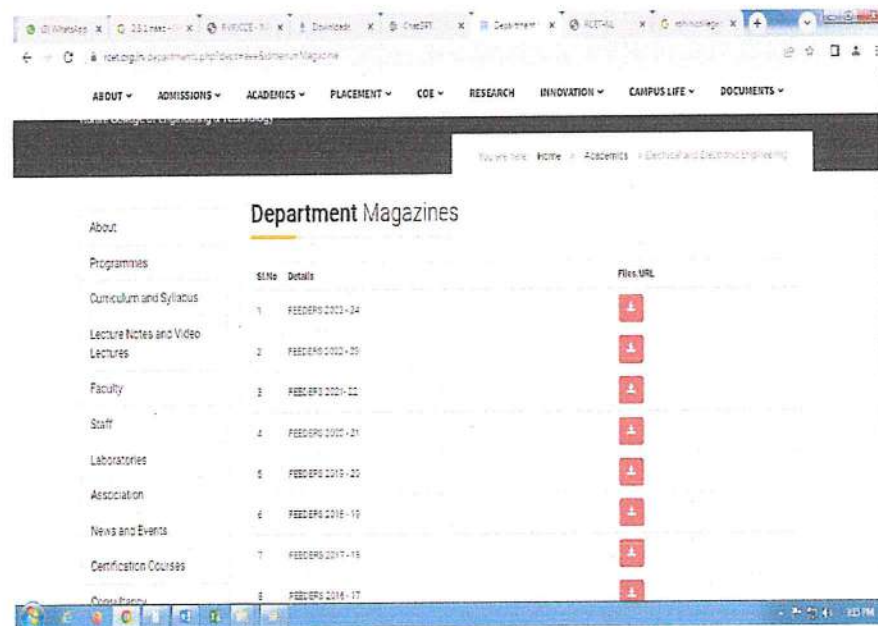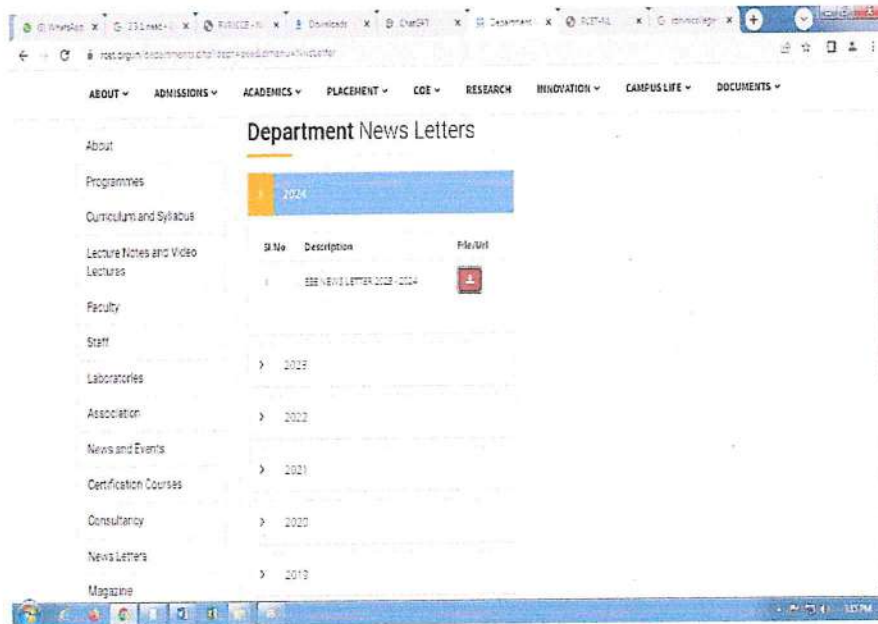
24	Problem Solving	**VIRTUAL HACKATHONE**

Virtual hackathons are online events where teams compete by collaborating through virtual meeting tools or remote communication platforms to develop a solution. At the conclusion of the competition, teams present their ideas to a panel of judges, who then select a winner.

25	Problem Solving	**Participation in Inter college events**

Participation in inter-college events serves as an effective problem-solving teaching method. These events provide students with opportunities to engage in real-world challenges, collaborate with peers, and apply their knowledge in competitive environments. By tackling diverse problems, students enhance critical thinking, creativity, and teamwork skills, making it a valuable learning experience.