



ROHINI
COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai (An ISO Certified Institution)

Accredited with A+ Grade by NAAC

Recognized under Section 2(f) of University Grants Commission, UGC ACT 1956

Date: 2-12-2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Rohini College of Engineering and Technology has adopted a feedback system for design and review of Curriculum that takes suggestions from stockholders of each programme. This eventually helps to fine-tune the teaching learning process and the curriculum.



Rajesh
2/12/2024

PRINCIPAL
Dr. R. RAJESH
PRINCIPAL

Rohini College of Engineering & Technology
Anjugramam Kanyakumari Main Road,
Palkulam, Varyoor (P.O.) - 629 401
Kanyakumari District, Tamil Nadu.



ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY

Anjugrammam main road, Palkulam 629401, Kanyakumari District

1.4.1 Feedback Process of the Institution

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I. Feedback Policy



ROHINI
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CONTENTS

- INTRODUCTION
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- CONSOLIDATION & CORRECTIVE ACTION TAKEN

INTRODUCTION

The essence of education lies in translating opportunities into experiences of empowerment, in transcending ‘what can be’ and transforming limitations into limitless learning. The institute aims to empower the students for succeeding in changing world to become productive engineers and responsible citizens.

The institute through a structured feedback mechanism from various stake holders ensures quality teaching learning process, research opportunities, and outreach services in technical education. The stakeholders play a vital role in the evaluation, development and enhancement of the quality of the learning experience. Feedback from stakeholders allows the institute to evaluate how its service provision is viewed. The stakeholders at Rohini College of Engineering and technology are categorized into internal and external stakeholders. The internal stakeholders are management, faculty and students. The external stakeholders are parents, alumni, employer, industry experts etc.

Internal Stakeholder

- Management- Coordinate the activities of a program in order to achieve defined objectives.
- Faculty-Act as channels for mission accomplishment.
- Students–Adapt the vision, mission and PEOs for professional development.

External Stakeholders

Parents Ambassadors for providing constructive suggestions for smooth functioning of the institution.

- Alumni-Brand Ambassadors carrying the mission forward.
- Professional Bodies–IETE, ISTE–support for excellence in education through awards and other forms of recognition.
- Employer-Represents the major endusers of our graduates and gives inputs to overcome the gap between program and industry.

- Accrediting Authorities - Accepted as agencies for quality assurance process, under which our services and operations are evaluated.

The process of feedback analysis had put an increasing emphasis on the need for involvement of the students in the quality assurance of Rohini College of Engineering and Technology. The stakeholders' involvement calls to act as active receivers of teaching and learning. The distribution, collection, analysis and corrective action of filled feedback form is done for each semester through online/offline mode.

The stakeholders' feedbacks involved in the following processes:

- Vision, mission and PEO formulation process
- Approval of COs, POs/ PSOs of the programme
- Identification of curriculum gap and the activities that support the POs/PSOs continual improvement.
- Participation in various academic and administrative committees like Governing Council, Academic council, IQAC, Alumni association meetings, DAB.
- Also, stakeholders are involved during admission, student awareness workshops, student induction programs and other intra departmental meetings.

Objective of feedback

The feedback collection process, aims towards continual improvement of academic and administrative facilities available in the campus. It is achieved by the following parameters:

- **Feedback in learning process:** To maximize their potential at different stages of training, raise their awareness of strengths and areas for improvement, and identify actions to be taken to improve performance.
- **Feedback in assessment process:** To understand the subject being studied and gives them clear guidance on how to improve their learning. Providing students engage with feedback, it should enhance learning and improve assessment performance.

FEEDBACK COMMITTEE

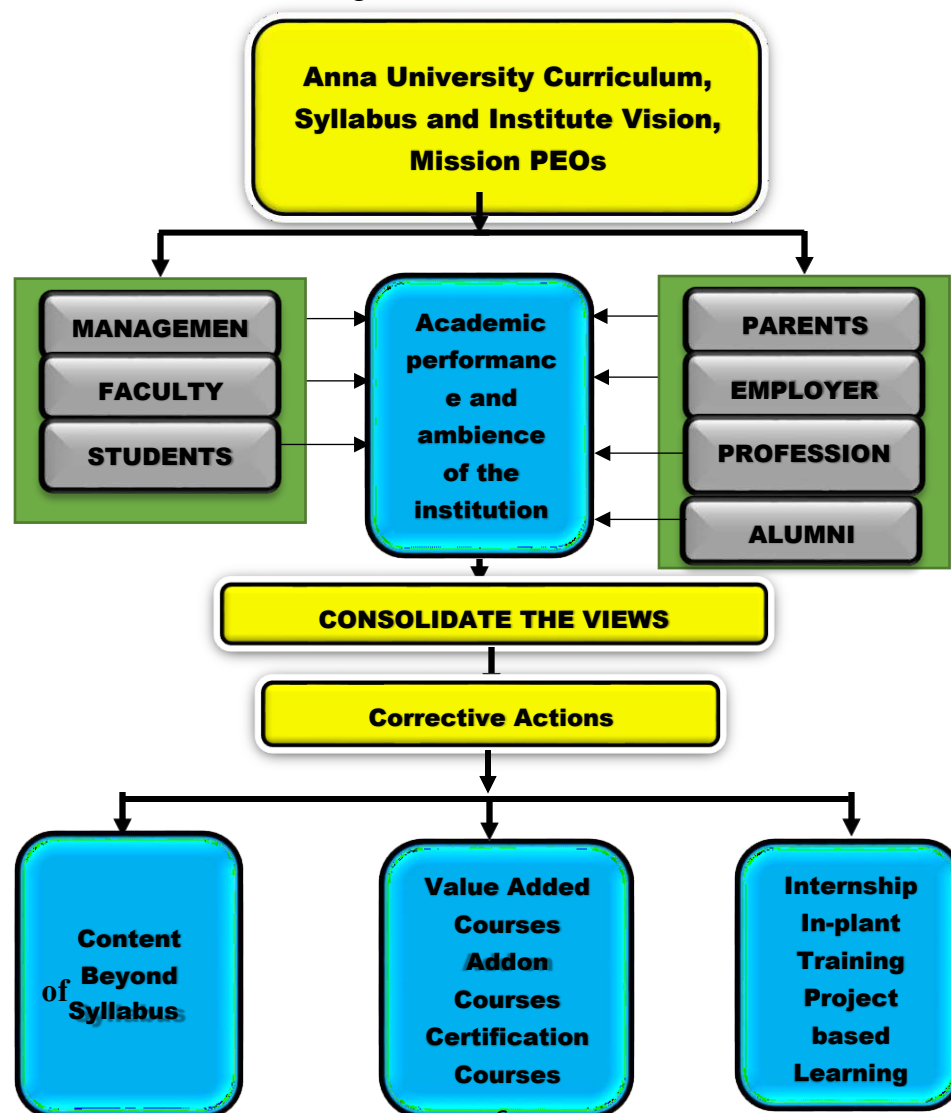
Committee/Activities	Management	Faculty	Student	Parent	Employer /Industrialis t	Alumni
Governing Council(GC) Meeting	✓	✓			✓	
Academic Council(AC) Meeting	✓	✓				
IQAC	✓	✓	✓	✓	✓	✓
Department Advisory Board (DAB) Meeting		✓	✓	✓	✓	✓
FDP, workshops, seminars, conferences		✓	✓		✓	
Career day, Industry Connect Programmes, Placement Drives	✓	✓	✓	✓	✓	✓
Class committee meetings		✓	✓			
Alumni meet	✓	✓	✓			✓

FEEDBACK MECHANISM

Feedback obtained periodically from various stakeholders help alleviate the academic concerns and motivate the students and faculty to improve their performance. Feedbacks are taken into consideration and corrective measures / improvements are made by the Head of the departments and Principal. If necessary, these are forwarded to the management for further action. Feedback from various sources has significantly improved academic activities, effective usage of teaching -learning resources and student's professional career advancements.

Feedback collection and Analysis process

Feedback about the Academic performance and ambiance is collected from the Stakeholders as illustrated in the following flowchart.



Feedback about the course and its delivery is collected from the students as illustrated in the chart below.

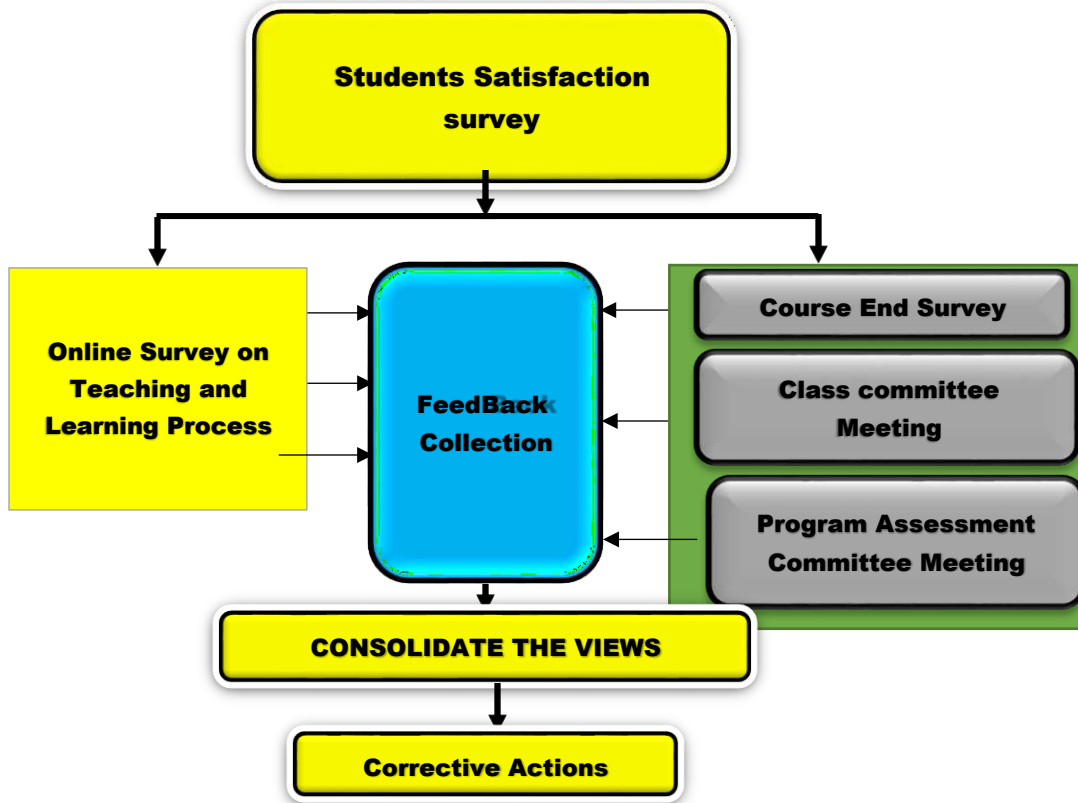
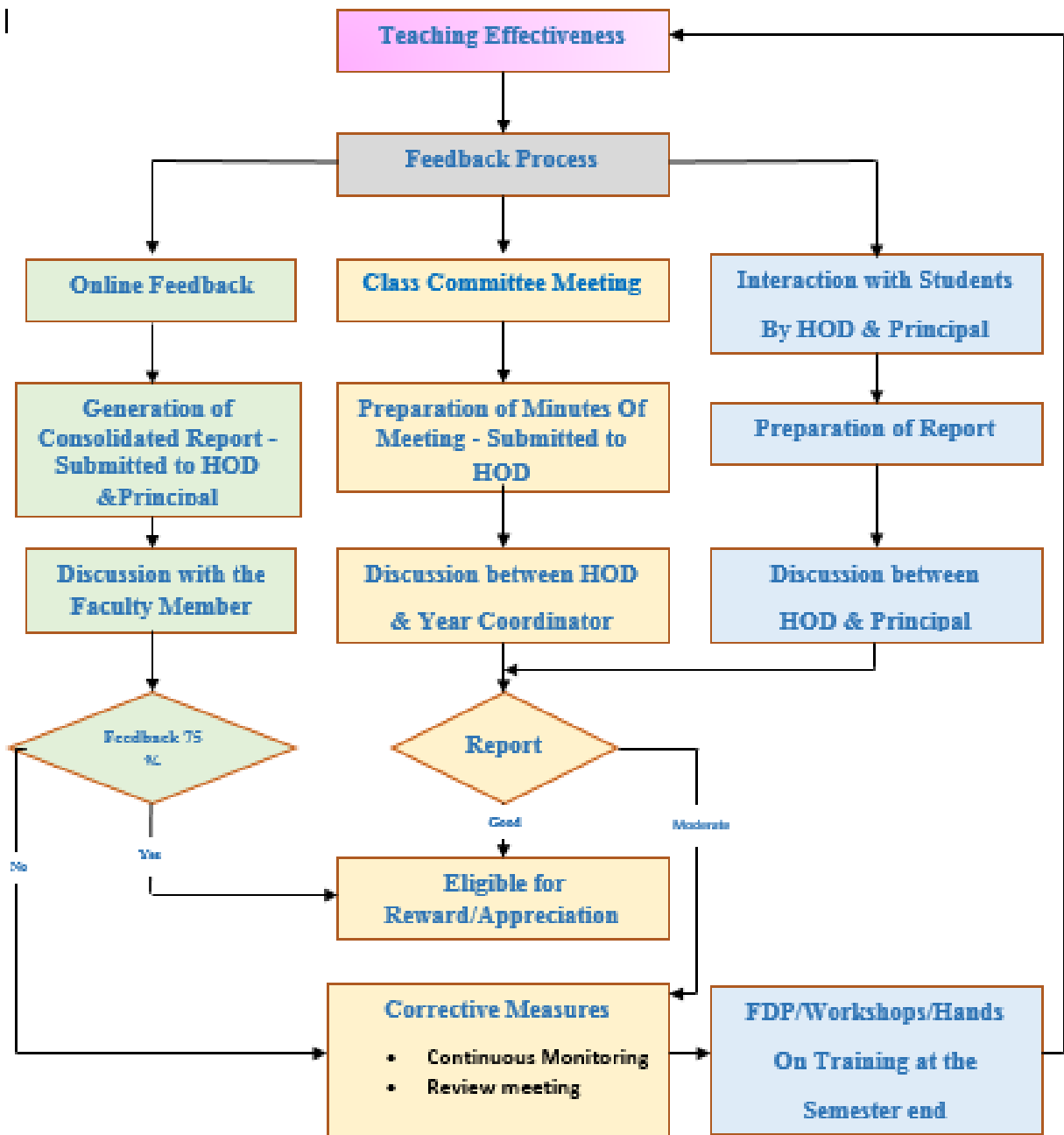


Fig: Process for Students Satisfaction Survey

The Detailed process for feedback collection and implementation in teaching and learning is explained in the following flow chart.



The data will be analyzed in the scale of 1 to 5 and Net Performance Weighted Index is calculated for each and every dimension of the course including laboratories.

Basis of reward/ corrective measures for feedback on faculty by students:

Faculty members with Feedback above 75% will be eligible for reward by issuing Certificate of Appreciation for each course. If the Feedback falls below 75%, the faculty will be counseled individually by the HoD/Principal and will be advised to incorporate methods to improve in the area so flacking.

II. Stakeholders' Feedback Analysis Report 2023 2024

Objectives:

1. To quantify the level of satisfaction acquired by students in curricular aspects and general learning ambience during the course of learning in Rohini College of Engineering and Technology.
2. To measure the level of satisfaction acquired in the skill set by alumni in general and curricular aspects during the course of learning in Rohini College of Engineering and Technology.
3. To identify the pit falls and bottle necks in the process of facilitating teaching learning process
4. To address the problems and the gaps for overall process improvement.
5. To set new goals in the event of new education policy.

Methodology:

Rohini College of Engineering and Technology undertakes Stakeholders' Feedback and Student Satisfaction Survey every year with structured questionnaires specifically designators students, teachers, alumni and parents in the following aspects.

1. Student feedback on curricular aspects
2. Teacher feedback on curriculum
3. Alumni feedback on general aspects of Rohini College of Engineering and Technology & curriculum.
4. Parents feedback on general aspects of Rohini College of Engineering and Technology

Student feedback on curricular aspects:

Cutting across the Programmes offered, the survey unanimously evinced that all the curricular aspects are in agreeable level as expressed by more than 75 per cent of respondents. The results are depicted in graphical form for faculty wise data.

Teachers feedback on curricular aspects:

This questionnaire is intended to collect information relating to teacher’s satisfaction towards the curriculum, learning and evaluation.

Alumni feedback on general aspects of Rohini College of Engineering and Technology & curriculum

The purpose of this survey is to obtain alumni input on the quality of education they received and the level of preparation they had at the College and also to assess the quality of the academic program.

Parents feedback on general aspects of Rohini College of Engineering and Technology

This questionnaire is intended to collect information relating to parent’s satisfaction towards the learning and ambiance of Rohini College of Engineering &Technology

Process: The survey was done by floating the questioners in Institution web site at student portal, Teachers, Alumni and Parents portal. The stakeholders are informed about the importance of the survey and its objectives through their class Advisors and mentors. Emphasis is given to offer fare and actual opinion by the students without any personal bias and hesitation.



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Kanyakumari District, Tamil Nadu.

Sample Questionnaire

The sample questionnaire from Students, Teachers, Alumni and Parents are shown below.



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Anjurammam mainroad, Palkulam 629401, Kanyakumari District

STUDENTS FEEDBACK ON CURRICULUM

Name of the Student	
Name of the Department	
Name of the Course	
Academic Year	

This questionnaire is intended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies /institution. Directions a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5

Excellent (5) Very Good (4) Good (3) Average (2) Poor (1)

Sl. no	Statements	Excellent	Very Good	Good	Average	Poor
1	How do you rate the syllabus of the course that you have studied in relation to the competences Expected out of the course?					
2	How do you rate the allocation of the credits to the courses?					
3	How do you rate the offering of the electives in terms of their relevance to the specialization streams?					

4	How do you rate the electives offered in relation to the Technology advancements?					
5	Rate the size of syllabus in terms of the load on the students					
6	How do you rate the evaluation Scheme designed for each of the course?					
7	How do you rate the objectives stated for each of the course?					
8	How do you rate the percentage of courses having LAB components?					



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TEACHERS FEEDBACK ON CURRICULUM

Name of the Teacher	
Name of the Department	
Academic Year	

This questionnaire is intended to collect information relating to your satisfaction towards the curriculum, learning and evaluation. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the program of studies / institution. Directions a score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5

Excellent (5) Very Good (4) Good (3) Average (2) Poor (1)

Sl. no	Statements	Excellent	Very Good	Good	Average	Poor
1	Syllabus is suitable to the course					
2	Syllabus is need based					
3	Aims and objectives of the syllabi are well defined and clear to teachers and students					
4	Course content is followed by corresponding reference books /materials					
5	The course/ syllabus has good balance between theory and Lab					
6	The course /syllabus of this subject increased my knowledge and Perspective in the subject area					
7	The course/program of studies carries sufficient number of optional papers					
8	The books prescribed/ listed as Reference materials are relevant, update and appropriate					



ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY
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ALUMNI SURVEY

Dear RCET Alumnus

Greetings from Rohini College of Engineering and Technology (RCET). It really makes us feel proud to have a student like you!

Our college is now going for Outcome Based Education (OBE) accreditation as per Washington Accord. It will largely benefit graduates from RCET to work as an Engineering Professional in the member countries coming under the Washington Accord.

OBE requires that Programme Educational Objectives (PEOs) and Programme Outcomes (POs) of the programme (Branch of Study) are to be clearly defined and attained. Besides, the graduates are expected to have a set of attributes (known as Graduates Attributes–GAs) while studying and after graduation.

The Questionnaire is designed to survey the attainments of POs, Curriculum and process followed in our college. Please take a few minutes to complete this survey and submit the same.

General Information's			
Name of the Alumni			
Register Number			
Department			
Year of Graduation			
Current Address			
Contact Number			
Email id			
Name and address of the company where you employed			
Name and contact address of the employer (Your immediate Head)			
What is your current career status? Placing tick(✓) suitably	Government Employed	Private Sector	Self-employed
	Unemployed		
	Pursuing higher Education		
	Undergoing Training		

Sl. no	Statements	Excellent	Very Good	Good	Average	Poor
1	Curriculum and its impact during your study					
2	The extent to which the curriculum is meeting the industry requirements					
3	Teaching Methods					
4	Knowledge gained in practical classes in laboratories					
5	Learning opportunities					
6	Internships arrangement by the departments					
7	Industrial visit					
8	Soft skills training for placements					
9	a)Infrastructure/Labs					
	b)Availability and speed of Internet					
	c)RCETLINWAYS					
	d)Classrooms					
10	Usefulness of NSS/Sports					
11	Department Association activities					
12	Library facilities					
13	How far you could explore the Entrepreneurship opportunities in the Area of your specialization					
14	List the courses from the curriculum that are helpful for your career development (including laboratory courses)					
15	List few course names that can be added specifically to match the latest industry trends					
	Other feedback					



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FEEDBACK FORM–PARENTS

Name:

Name of the Student:

Branch:

Semester:

Relationship of Parent with Student (Father/Mother)

Academic Year:

A Score for each item please indicate your level of satisfaction with the following statement by choosing between 1 and 5.

Excellent (5)

Very Good (4)

Good (3)

Average (2)

Poor(1)

Sl. no	Statements	Excellent	Very Good	Good	Average	Poor
1	The curriculum has been designed to make students industry ready by imparting analytical and reasoning, language and soft skills and addition to technical competencies as desired by the industry					
2	Holistic development of students is ensured by participation of students in various sports, cultural and co-curricular activities organized throughout the year					
3	Students are sensitized towards crosscutting issues like gender, equality, environment and sustainability, ethics and values etc., through relevant courses in the curriculum as well as through Community service/projects					
4	The academic flexibility embedded in the curriculum provides opportunities to students to pursue their interest by Choosing from a vast number of pathways					

	/ electives from own area / specialization as well as from other areas.					
5	Courses in the curriculum promote Entrepreneurship and students are encouraged and supported to initiate Startups by Startup school mentorship					
6	The curriculum is outcome based and the expected outcomes, through various courses are attained					

Analysis

The data obtained through online process are analyzed to derive a meaningful conclusion.

The distribution of respondents is listed below.

Distribution of Respondents		
S. No	Particulars of Survey	No. of Participants
1	Student feedback on curricular aspects	1950
2	Teachers feedback on curricular aspects	102
3	Alumni feedback on curricular and general aspects	350
4	Parents feedback on general aspects	230

Results

The results are depicted in graphical form as shown below.

Students Feedback 2023-24

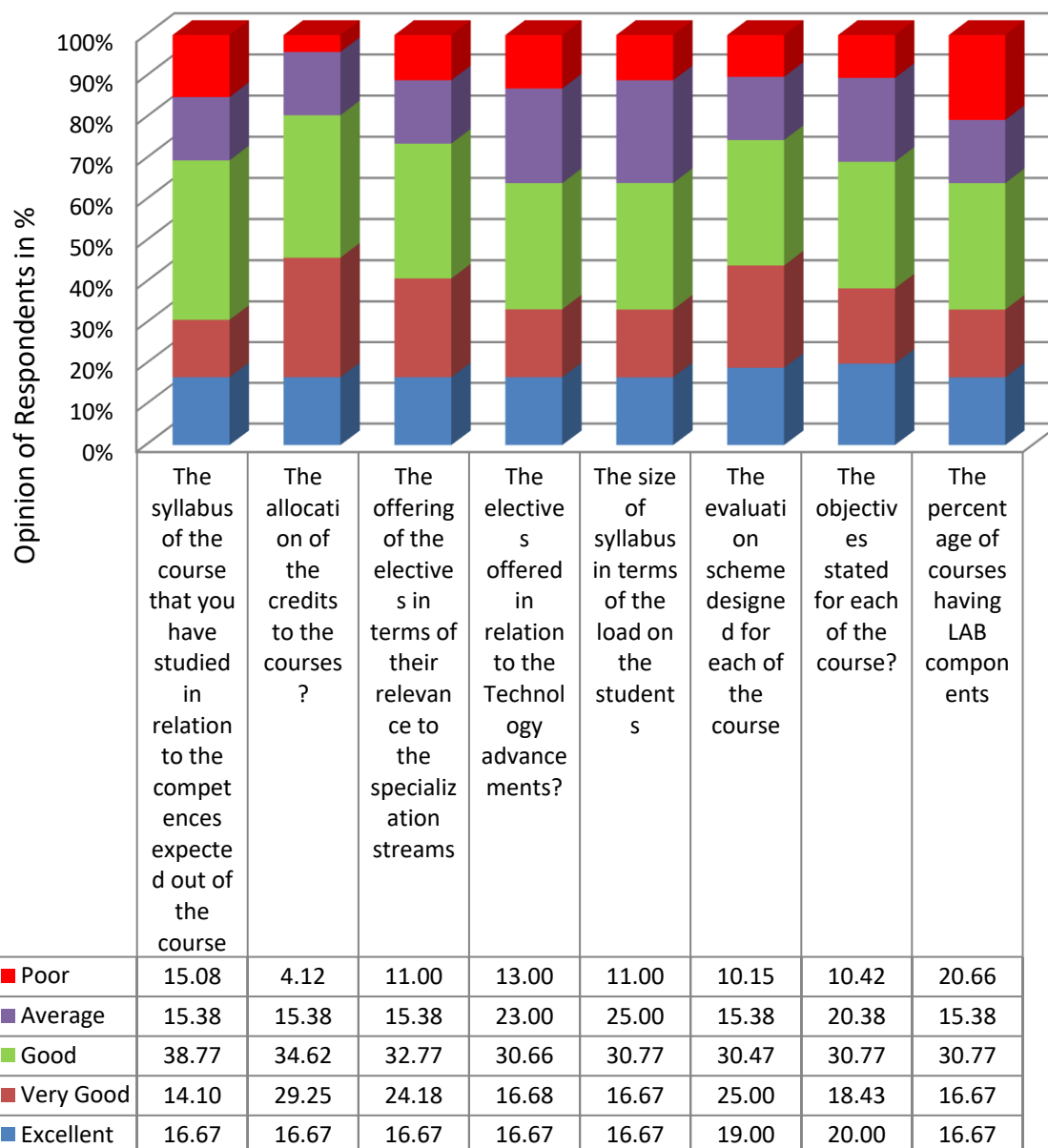


Fig. 1 Students feedback on curriculum in 2023 - 2024

Teachers Feedback 2023-24

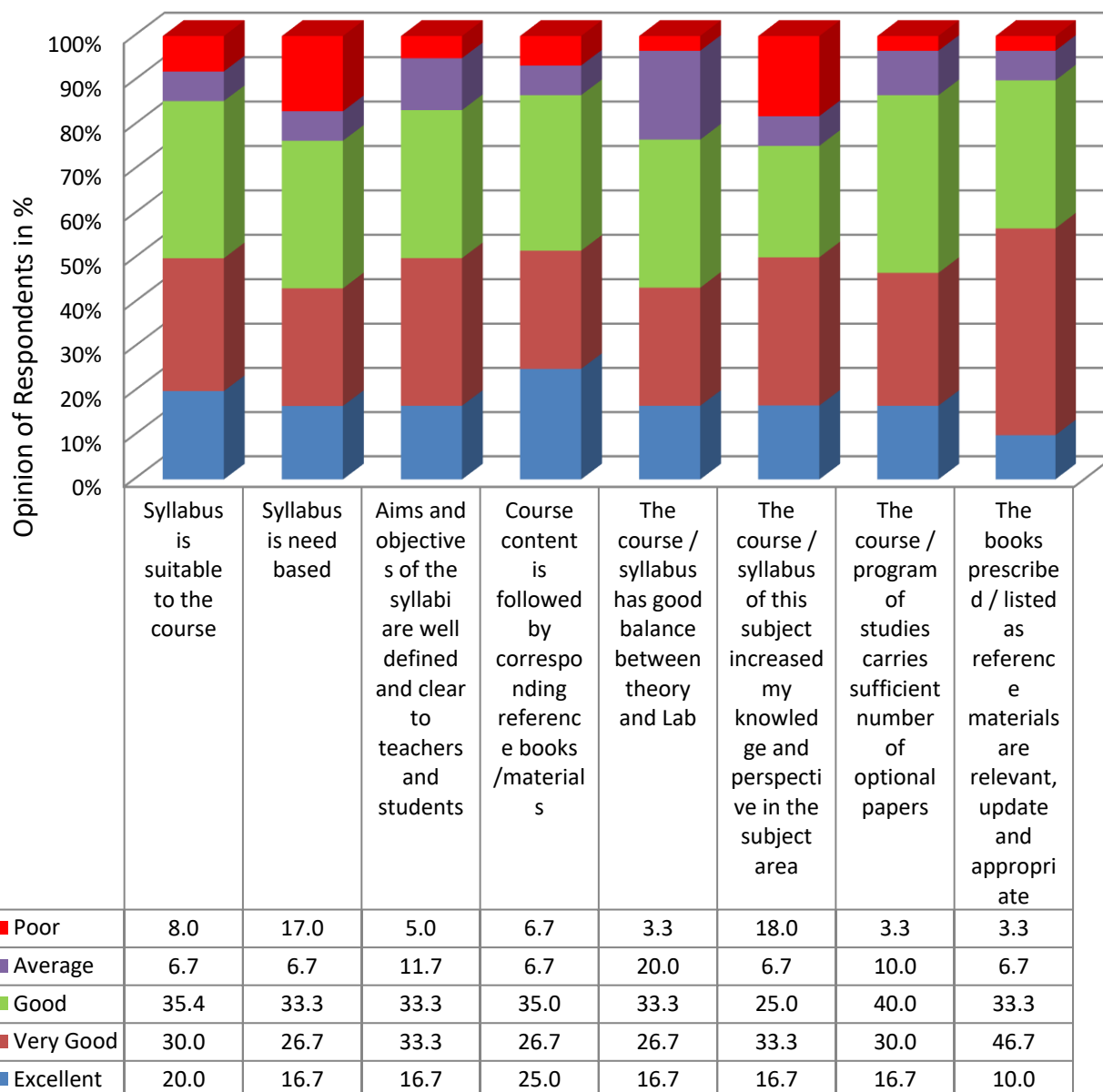


Fig.2 Teachers feedback on curriculum in (2023-24)

Alumni Feedback 2023-24

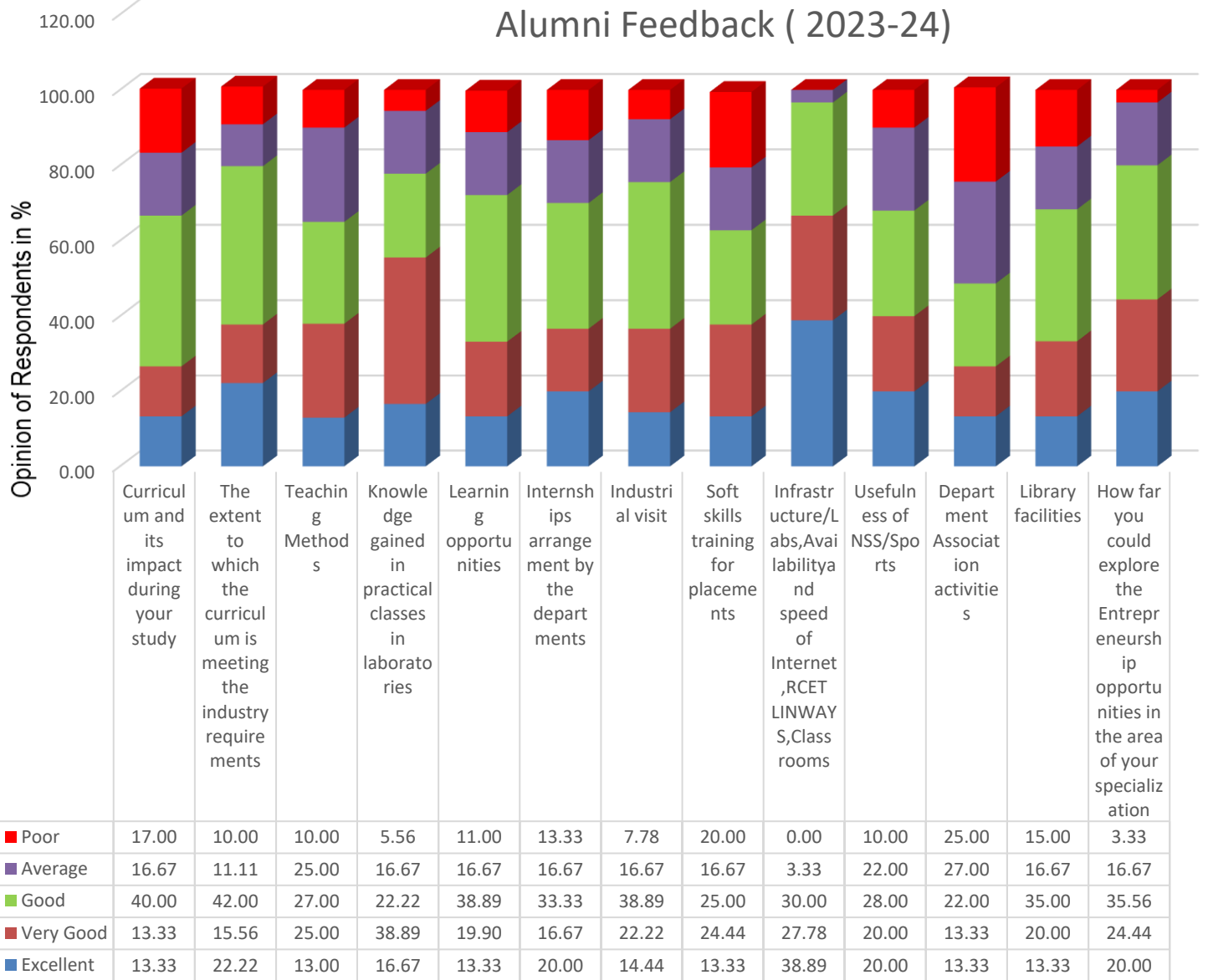
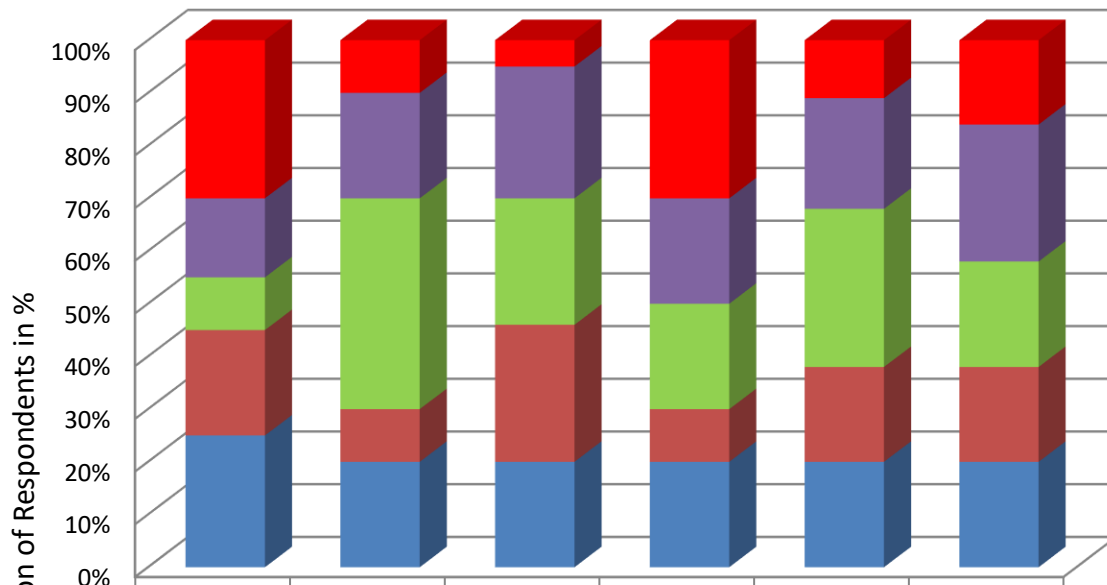


Fig.3 Alumni feedback on curriculum in (2023–2024)

Parents Feedback 2023-24



	The curriculum has been designed to make students industry ready by imparting analytical and reasoning, language and soft skills and addition to technical competencies as desired by the industry	Holistic development of students is ensured by participation of students in various sports, cultural and co-curricular activities organized throughout the year	Students are sensitized towards cross cutting issues like gender, equality, environment and sustainability, ethics and values etc., through relevant courses in the curriculum as well as through commun...	The academic flexibility embedded in the curriculum provides opportunities to students to pursue their interest by choosing from a vast number of pathways / electives from own area / specialization as...	Courses in the curriculum promote Entrepreneurship and students are encouraged and supported to initiate startups by Startup school mentorship	The curriculum is outcome based and the expected outcomes, through various courses are attained
■ Poor	30.00	10.00	5.00	30.00	11.00	16.00
■ Average	15.00	20.00	25.00	20.00	21.00	26.00
■ Good	10.00	40.00	24.00	20.00	30.00	20.00
■ Very Good	20.00	10.00	26.00	10.00	18.00	18.00
■ Excellent	25.00	20.00	20.00	20.00	20.00	20.00

Fig.4 Parent feedback on curriculum in (2023–2024)

III) Action taken report

ACTION TAKEN REPORT OF STUDENTS FEEDBACK ON CURRICULUM 2023-2024

Parameter	Threshold (80%)	Determination	Action taken
How do you rate the syllabus of the course that you have studied in relation to the competences expected out of the course?	70 to 80	Design based courses conducted by industrial experts may be provided to improve theory and hands-on skills.	Value added course on Antenna Design supported by Industry was provided for III year students to enable them practice antenna design.
How do you rate the percentage of courses having LAB components?	70to80	More practical exposure other than the Laboratory courses is required.	Two Days Hands On Training Workshop (NDT) for iv year mechanical engineering students

ACTION TAKEN REPORT OF TEACHERS FEEDBACK ON CURRICULUM

Parameter	Threshold	Determination	Action taken
Syllabus is need Based	70 to 80	Few courses have to be improved to meet the cutting edge technologies.	Requirement of topics for current advancements in technologies are delivered as content beyond syllabus wherever needed
		Being the affiliated college, the institute Cannot take any action. To fill the curriculum gaps students were Encouraged to participate internship, industrial training, project Expo etc.	Sample Internship, industrial training, Project Expo participants list and certificates

The course/syllabus of this subject increased my knowledge and perspective in the subject area	70 to 80	Faculties were encouraged to attend Faculty development programs to gain knowledge	Sample faculty development program certificates
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ACTION TAKEN REPORT OF FEEDBACK FROM ALUMNI

Parameter	Threshold	Determination	Action taken
Curriculum and its impact during your study	70 to 80	More emphasis needed on acquiring IT Knowledge, as there are more job opportunities in IT sector.	Certification courses are executed to enhance the skills of the students and make them competent
Department Association activities	75 to 80	More importance can be given for making students improve presentation skills and improve publications	International Conference, national level technical conference is being conducted in the institution and students of different semesters were trained to write and present papers in the conference.
Soft skill training	75 to 80	Improve soft skills	From II Year onward giving soft skill training.

ACTION TAKEN REPORT OF FEEDBACK FROM PARENTS

Parameter	Thres hold	Determination	Action taken
The curriculum has been designed to make students industry ready by imparting analytical and reasoning, language and soft skills and addition to technical competencies as desired by the industry	70to80	The parents were concerned about the employability of their children	Placement oriented Training was given to equip the students to face the placement drive with confidence.
The academic Flexibility embedded in the curriculum provides opportunities to students pursue their interest by choosing from a vast number of pathways /electives from/specializations well as from other areas.	70 to80	Parents expressed that students should be given flexibility in choosing the electives.	Students of III year and IV Year have opted for different electives like IoT and its application, Robotics & Automation, Medical electronics, Software Engineering, Students of IV Year have opted for Disaster Management and Hospital Management.



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IV) Evidences for action taken

EVIDENCES FOR ACTION TAKEN REPORT OF STUDENTS FEEDBACK ON CURRICULUM

1) Value added course on **Antenna Design** supported by Industry was provided for III year students to enable them practice antenna design.

VALUE ADDED COURSE

Topic: ANTENNADESIGN

Date: 23/05/2024 to 29/05/2024

Department of ECE conducted Value Added Course-Antenna Design for third Year students from 23/5/2024 to 29/5/2024 for designing wire and wireless antenna.

From
M.Reji
Associate Professor
Department of ECE
RCET
18/5/2024


To
The Principal
RCET

Subject: Requisition to conduct value added course -Antenna Design


Respected Sir


As dept of ECE is planning to conduct Value added course -
Antenna Design for third year students from 23/5/2024 to 29/5/2024 to design
wire and wireless antenna. So please grant me permission to conduct the course.

Thanking you

Yours Faithfully


Total no of student:(Third year):122
Amount: Rs 600 per Student

Total amount:122*600:73200


Forwarded to
principal

18/5/24

SYLLABUS

1. ANTENNA DESIGN & ANALYSIS

TRACK 1- FUNDAMENTAL CONCEPTS

- Physical concept of radiation
- Radiation pattern, near- and far-field regions
- Reciprocity, directivity and gain
- Effective aperture, polarization
- Input impedance
- Efficiency
- Efficiency
- Radiation integrals and auxiliary potential functions.

TRACK 2- RADIATION FROM WIRES AND LOOPS

- Infinitesimal dipole, finite-length dipole, linear elements near conductors
- Dipoles for mobile communication
- Small circular loop
- Polarization – Linear, Circular and Elliptical
- Radiated Fields
- Radiation resistance
- Field regions & Directivity
- Current distribution
- Radiated Field
- Practice: Design of Half wave Dipole Antenna
- Practice: Design of Monopole Antenna

TRACK 3- APERTURE ANTENNAS

- Huygens' Principle, radiation from rectangular and circular apertures
- Design considerations
- Babinet's principle
- Radiation from sectoral and pyramidal horns, design concepts
- Practice: Design of Horn Antenna

- Practice: Design of Parabolic Antenna

TRACK 4- BROADBAND ANTENNAS

- Broadband concept
- Log-periodic antennas
- Frequency independent antennas
- Antennas For Satellite communication
- Practice: Design of Circular antenna Simulation for UWB
- Practice: Design of Log Periodic Dipole Antenna

TRACK 5- MICROSTRIP ANTENNAS

- Basic characteristics of microstrip antennas
- Feeding methods
- Methods of analysis
- Design of rectangular and circular patch antennas.
- Practice: Design of Microstrip Antenna Simulation
- Practice: Design of Microstrip Antenna Array Simulation

TRACK 6- ANTENNA ARRAYS

- Analysis of uniformly spaced arrays with uniform and non-uniform excitation amplitudes
- Extension to planar arrays.
- Practice: Design of Helix Antenna Simulation

TRACK 7- BASIC CONCEPTS OF SMART ANTENNAS

- Concept and benefits of smart antennas
- Fixed weight beamforming basics
- Adaptive beamforming
- Practice: Design of 5G phased array antenna design and beamforming.



Students received certificates after attending the Course.

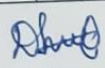


ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2022-2023
Feedback on Value Added Course

Date: 29/05/2024

Name of the student	Dhanalakshmi
Year/ Sem	III
Subject	Antenna Designs in various applications
Topic Name	Antenna Design & Analysis
Resource Person	Mr.Kavin .K.S, Manager of AB Technologies

1	2	3	4	5
Poor	Below Average	Average	Good	Excellent

QUESTIONS/QUALITY	Degree of accomplished				
	1	2	3	4	5
Understand the fundamental knowledge in the field of Electronics And Communication Engineering.					✓
Apply the complex Engineering problem solving techniques in various industrial Engineering sectors.					✓
Apply modern and IoT tools to solve Engineering problems			✓		
Understand the impact of the professional engineering solutions in Environment and sustainability.		✓			
Apply ethical principles and norms for all the engineering practice.			✓		
Function effectively as an individual and as a member or leader diverse team				✓	
					 Signature

ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2022-2023
Feedback on Value Added Course

Date: 29/05/2024

Name of the student	Asha.S
Year/ Sem	III - 06
Subject	Antenna Designs in various applications
Topic Name	Antenna Design & Analysis
Resource Person	Mr.Kavin .K.S, Manager of AB Technologies

1	2	3	4	5
Poor	Below Average	Average	Good	Excellent

QUESTIONS/QUALITY	Degree of accomplished				
	1	2	3	4	5
Understand the fundamental knowledge in the field of Electronics And Communication Engineering.			✓		
Apply the complex Engineering problem solving techniques in various industrial Engineering sectors.			✓		
Apply modern and IoT tools to solve Engineering problems		✓			
Understand the impact of the professional engineering solutions in Environment and sustainability.				✓	
Apply ethical principles and norms for all the engineering practice.			✓		
Function effectively as an individual and as a member or leader diverse team		✓			

Abba
Signature

ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR 2022-2023
Feedback on Value Added Course

Date: 29/05/2024

Name of the student	JENIFER
Year/ Sem	III
Subject	Antenna Designs in various applications
Topic Name	Antenna Design & Analysis
Resource Person	Mr.Kavin .K.S, Manager of AB Technologies

1	2	3	4	5
Poor	Below Average	Average	Good	Excellent

QUESTIONS/QUALITY	Degree of accomplished				
	1	2	3	4	5
Understand the fundamental knowledge in the field of Electronics And Communication Engineering.				✓	
Apply the complex Engineering problem solving techniques in various industrial Engineering sectors.			✓		
Apply modern and IoT tools to solve Engineering problems				✓	
Understand the impact of the professional engineering solutions in Environment and sustainability.					✓
Apply ethical principles and norms for all the engineering practice.			✓		
Function effectively as an individual and as a member or leader diverse team	✓				

Jenifer
Signature

**VALUE ADDED COURSE ON
ANTENNA DESIGN AND ANALYSIS**



Organised by

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ROHINI COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

Kanyakumari Main Road, near Anjugramam, Palkulam, Anjugramam, Tamil Nadu 629401

&
AB TECHNOLOGIES

14, First & Second Floor, Prajam Complex, S.T. Hindu College Road, Chettikulam,
Nagercoil, Kanyakumari - 629002.

Certificate of Participation

This certificate is proudly presented to Mr./Ms. BHANUMATHI D.

III year/ECE, for the successful completion of Value added course on "ANTENNA DESIGN AND ANALYSIS" organized by the Department of Electronics and Communication Engineering, Rohini College of Engineering & Technology in association with AB Technologies, Nagercoil from 23rd May 2024 to 29th May 2024.

Dr. Jasmine J C Sheeja
HOD/ ECE
Dr. Jasmine J C Sheeja
RCET

Dr. R. Rajesh
PRINCIPAL
Dr. R. Rajesh
RCET

Er. R. Siva Nagini
MANAGER
Er. R. Siva Nagini
AB Technologies

Head Office:
14, First & Second Floor, Prajam Complex,
S.T.Hindu College Road, Chettikulam Jn.,
Nagercoil, Kanyakumari District- 629002.
Contact: +91 9789224844

Branch Office:
1/103M, Barani Nagar,
Opposite to Francis Xavier CBSE School,
Vannarpettai, Tirunelveli - 627003.
Contact: +91 9361506544

Branch Office:
No.336,1st Floor, Mudichur Road,
Tambaram West, Chennai - 600 045
Contact: +91 9043295818

✉ abt@abtechnologies.in, abtechchennai@gmail.com, abtech@abtechnologies.in
🌐 www.abtechnologies.in | ☎ +91 9840511458 | GSTIN: 33CKGPK5591Q1ZG

**VALUE ADDED COURSE ON
ANTENNA DESIGN AND ANALYSIS**



Organised by

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ROHINI COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

Kanyakumari Main Road, near Anjugramam, Palkulam, Anjugramam, Tamil Nadu 629401

&
AB TECHNOLOGIES

14, First & Second Floor, Prajam Complex, S.T. Hindu College Road, Chettikulam,
Nagercoil, Kanyakumari - 629002.

Certificate of Participation

This certificate is proudly presented to Mr./Ms. PRIYANKA S.

III year/ECE, for the successful completion of Value added course on "ANTENNA DESIGN AND ANALYSIS" organized by the Department of Electronics and Communication Engineering, Rohini College of Engineering & Technology in association with AB Technologies, Nagercoil from 23rd May 2024 to 29th May 2024.

Dr. Jasmine J C Sheeja
HOD/ ECE
Dr. Jasmine J C Sheeja
RCET

Dr. R. Rajesh
PRINCIPAL
Dr. R. Rajesh
RCET

Er. R. Siva Nagini
MANAGER
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ROHINI COLLEGE OF ENGINEERING & TECHNOLOGY
 Accredited by NAAC with A+ Grade
 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 03,S6, BE - ECE A (Academic Year 2023-24) Even
 Value Added Course (Attendance Sheet)

Roll No	Reg. Number	Stud. Name	23-05-2024		24-05-2024		27-05-2024		28-05-2024		29-05-2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	963321106001	AASHIKA R S										
2	963321106002	ABINAYA S	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi
3	963321106003	ABISHEK S										
4	963321106005	AISHWARYA W										
5	963321106006	AJAY K										
6	963321106008	AKSHAYA S	Akshaya	Akshaya	Akshaya	Akshaya	Akshaya	Akshaya	Akshaya	Akshaya	Akshaya	Akshaya
7	963321106009	AMSATHITH K	Ams	Ams	Ams	Ams	Ams	Ams	Ams	Ams	Ams	Ams
8	963321106010	ANAND A										
9	963321106011	ANANDHESWARAN B										
10	963321106012	ANBU RAJA S										
11	963321106013	ANGELIN HEPSIBHA S	Angelina	Angelina	Angelina	Angelina	Angelina	Angelina	Angelina	Angelina	Angelina	Angelina
12	963321106014	ARCHANA S	Archana	Archana	Archana	Archana	Archana	Archana	Archana	Archana	Archana	Archana
13	963321106015	AROCKIA SWEETY J	Sweet	Sweet	Sweet	Sweet	Sweet	Sweet	Sweet	Sweet	Sweet	Sweet
14	963321106016	ASHA VS	Asha	Asha	Asha	Asha	Asha	Asha	Asha	Asha	Asha	Asha
15	963321106017	ASHWINI K	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
16	963321106018	ASWIN PANDIYAN T S										
17	963321106019	BABIN S R										
18	963321106021	BABY J										
19	963321106022	BALA RAM S	Bala	Bala	Bala	Bala	Bala	Bala	Bala	Bala	Bala	Bala
20	963321106023	BALA SUBRAMANI I	Bala	Bala	Bala	Bala	Bala	Bala	Bala	Bala	Bala	Bala
21	963321106025	BARATH S										
22	963321106026	BHANUMATHI D	Banu	Banu	Banu	Banu	Banu	Banu	Banu	Banu	Banu	Banu
23	963321106027	BHARATHI K	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi
24	963321106031	DHANALAKSHMI M										
25	963321106032	DHANYA AS	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya	Dhanya
26	963321106033	DHARUN P										
27	963321106034	EBIMOL C										
28	963321106035	FENISHA J S	Fenisha	Fenisha	Fenisha	Fenisha	Fenisha	Fenisha	Fenisha	Fenisha	Fenisha	Fenisha
29	963321106036	GANESH RAYAN N										
30	963321106037	HETHCIA JUDCI C										

31	963321106038	INDUJA A	Induja	Induja	Induja	Induja	Induja	Induja	Induja	Induja	Induja	Induja
32	963321106039	INISHA S	Inisha	Inisha	Inisha	Inisha	Inisha	Inisha	Inisha	Inisha	Inisha	Inisha
33	963321106040	JANAKI M	Janaki	Janaki	Janaki	Janaki	Janaki	Janaki	Janaki	Janaki	Janaki	Janaki
34	963321106041	JANIFAR G	Janifar	Janifar	Janifar	Janifar	Janifar	Janifar	Janifar	Janifar	Janifar	Janifar
35	963321106042	JEBA RIYA A	Jeba	Jeba	Jeba	Jeba	Jeba	Jeba	Jeba	Jeba	Jeba	Jeba
36	963321106043	JEBASHINY I	Jebashiny	Jebashiny	Jebashiny	Jebashiny	Jebashiny	Jebashiny	Jebashiny	Jebashiny	Jebashiny	Jebashiny
37	963321106044	JEBIN R										
38	963321106045	JEEVA V	Jeeva	Jeeva	Jeeva	Jeeva	Jeeva	Jeeva	Jeeva	Jeeva	Jeeva	Jeeva
39	963321106046	JENIFER B	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer
40	963321106047	JENIFER V	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer	Jenifer
41	963321106048	JERIN J										
42	963321106049	JERIN JOIE J	Jerinjoi	Jerinjoi	Jerinjoi	Jerinjoi	Jerinjoi	Jerinjoi	Jerinjoi	Jerinjoi	Jerinjoi	Jerinjoi
43	963321106050	JOSLIN PINU P	Joslin	Joslin	Joslin	Joslin	Joslin	Joslin	Joslin	Joslin	Joslin	Joslin
44	963321106051	KALAI K	Kalai	Kalai	Kalai	Kalai	Kalai	Kalai	Kalai	Kalai	Kalai	Kalai
45	963321106052	KARTHIKEYAN S	Karthikeyan	Karthikeyan	Karthikeyan	Karthikeyan	Karthikeyan	Karthikeyan	Karthikeyan	Karthikeyan	Karthikeyan	Karthikeyan
46	963321106053	KESAVA HARISH N	Kesava	Kesava	Kesava	Kesava	Kesava	Kesava	Kesava	Kesava	Kesava	Kesava
47	963321106054	KIRUTHIKAA M A										
48	963321106055	KRISHNA AMAR C	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
49	963321106056	MAHESWARI N S	Maheswari	Maheswari	Maheswari	Maheswari	Maheswari	Maheswari	Maheswari	Maheswari	Maheswari	Maheswari
50	963321106057	MALAR N	Malar	Malar	Malar	Malar	Malar	Malar	Malar	Malar	Malar	Malar
51	963321106058	MANEESHA BEBIL J	Maneesha	Maneesha	Maneesha	Maneesha	Maneesha	Maneesha	Maneesha	Maneesha	Maneesha	Maneesha
52	963321106060	MARY ROSHIA PETER	Mary	Mary	Mary	Mary	Mary	Mary	Mary	Mary	Mary	Mary
53	963321106061	MERA KRISHNA N	Mera	Mera	Mera	Mera	Mera	Mera	Mera	Mera	Mera	Mera
54	963321106062	MINI MOL P	Mini	Mini	Mini	Mini	Mini	Mini	Mini	Mini	Mini	Mini
55	963321106064	MUTHU SELVAN M	Muthu	Muthu	Muthu	Muthu	Muthu	Muthu	Muthu	Muthu	Muthu	Muthu
56	963321106077	RAJA LAKSHMI PELISHA K	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja	Raja
57	963321106301	AISHWARIA R										
58	963321106303	ASVANTH A										
59	963321106304	JOHN BERLIN P E										
60	963321106308	SIVABALAN S										
61	963321106501	JOSELIN P										
62	963321106701	SUDHA E										

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 03.S6, BE - ECE B (Academic Year 2023-24) Even

Value Added Course (Attendance Sheet)

Roll No	Reg. Number	Stud. Name	23-05-2024		24-05-2024		27-05-2024		28-05-2024		29-05-2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	963321106059	MANEESHKAR SELVA N M	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh	Sh
2	963321106063	MUTHUKUMAR M										
3	963321106065	NAGARAJAN M										
4	963321106066	NAVITHA N	N.Navitha	N.Navitha	N.Navitha	N.Navitha	N.Navitha	N.Navitha	N.Navitha	N.Navitha	N.Navitha	N.Navitha
5	963321106067	NIHALUDHEEN J M										
6	963321106068	PRATHEESWARAN N	Prathees	Prathees	Prathees	Prathees	Prathees	Prathees	Prathees	Prathees	Prathees	Prathees
7	963321106069	PREETHY SHAMILY M	M.Preethy	M.Preethy	M.Preethy	M.Preethy	M.Preethy	M.Preethy	M.Preethy	M.Preethy	M.Preethy	M.Preethy
8	963321106070	PRETHIVIN S	S.Prethi	S.Prethi	S.Prethi	S.Prethi	S.Prethi	S.Prethi	S.Prethi	S.Prethi	S.Prethi	S.Prethi
9	963321106071	PRIATHICKSHAN K P										
10	963321106072	PRIYANKA S	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka
11	963321106073	PRIYANKA RAJ V M	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka	P.Priyanka
12	963321106075	RAHUL S										
13	963321106076	RAHUL ANAND KM										
14	963321106078	RAJASEKAR M	R.Rajasekar	R.Rajasekar	R.Rajasekar	R.Rajasekar	R.Rajasekar	R.Rajasekar	R.Rajasekar	R.Rajasekar	R.Rajasekar	R.Rajasekar
15	963321106079	RAKESH R	R.Rakesh	R.Rakesh	R.Rakesh	R.Rakesh	R.Rakesh	R.Rakesh	R.Rakesh	R.Rakesh	R.Rakesh	R.Rakesh
16	963321106080	RAKUL R	R.Rakul	R.Rakul	R.Rakul	R.Rakul	R.Rakul	R.Rakul	R.Rakul	R.Rakul	R.Rakul	R.Rakul
17	963321106081	RAM PRASATH I	R.Ram	R.Ram	R.Ram	R.Ram	R.Ram	R.Ram	R.Ram	R.Ram	R.Ram	R.Ram
18	963321106082	RAMYA RL	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya
19	963321106083	RAMYA S	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya	R.Ramya
20	963321106084	RATHIKA R	R.Rathika	R.Rathika	R.Rathika	R.Rathika	R.Rathika	R.Rathika	R.Rathika	R.Rathika	R.Rathika	R.Rathika
21	963321106085	REENA ANGELIN R	R.Reena	R.Reena	R.Reena	R.Reena	R.Reena	R.Reena	R.Reena	R.Reena	R.Reena	R.Reena
22	963321106086	SABAPATHY RV	S.Sabapathy	S.Sabapathy	S.Sabapathy	S.Sabapathy	S.Sabapathy	S.Sabapathy	S.Sabapathy	S.Sabapathy	S.Sabapathy	S.Sabapathy
23	963321106087	SAHAYA BISMI L	S.Sahaya	S.Sahaya	S.Sahaya	S.Sahaya	S.Sahaya	S.Sahaya	S.Sahaya	S.Sahaya	S.Sahaya	S.Sahaya
24	963321106089	SAHAYA THERES AGASTA M	M.Sahaya	M.Sahaya	M.Sahaya	M.Sahaya	M.Sahaya	M.Sahaya	M.Sahaya	M.Sahaya	M.Sahaya	M.Sahaya
25	963321106090	SAKTHIPRIYA S	S.Sakthi	S.Sakthi	S.Sakthi	S.Sakthi	S.Sakthi	S.Sakthi	S.Sakthi	S.Sakthi	S.Sakthi	S.Sakthi
26	963321106091	SANJAY AKASH NJ	N.Sanjay	N.Sanjay	N.Sanjay	N.Sanjay	N.Sanjay	N.Sanjay	N.Sanjay	N.Sanjay	N.Sanjay	N.Sanjay
27	963321106092	SANJEEVIN M										

Roll No	Reg. Number	Stud. Name	23-05-2024		24-05-2024		27-05-2024		28-05-2024		29-05-2024	
			FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
28	963321106093	SANTHIYA P	P.Santhiya	P.Santhiya	P.Santhiya	P.Santhiya	P.Santhiya	P.Santhiya	P.Santhiya	P.Santhiya	P.Santhiya	P.Santhiya
29	963321106094	SANTHOSH M	M.Santhosh	M.Santhosh	M.Santhosh	M.Santhosh	M.Santhosh	M.Santhosh	M.Santhosh	M.Santhosh	M.Santhosh	M.Santhosh
30	963321106095	SARAVANAN SJ	S.Saravanan	S.Saravanan	S.Saravanan	S.Saravanan	S.Saravanan	S.Saravanan	S.Saravanan	S.Saravanan	S.Saravanan	S.Saravanan
31	963321106096	SELVA VANAJA S	S.Selva	S.Selva	S.Selva	S.Selva	S.Selva	S.Selva	S.Selva	S.Selva	S.Selva	S.Selva
32	963321106097	SHAIKASHIK S	S.Shaikashik	S.Shaikashik	S.Shaikashik	S.Shaikashik	S.Shaikashik	S.Shaikashik	S.Shaikashik	S.Shaikashik	S.Shaikashik	S.Shaikashik
33	963321106098	SHANI S	S.Shani	S.Shani	S.Shani	S.Shani	S.Shani	S.Shani	S.Shani	S.Shani	S.Shani	S.Shani
34	963321106099	SHARMI K T	K.T.Sharmi	K.T.Sharmi	K.T.Sharmi	K.T.Sharmi	K.T.Sharmi	K.T.Sharmi	K.T.Sharmi	K.T.Sharmi	K.T.Sharmi	K.T.Sharmi
35	963321106100	SHARMINCY SHALLOMIN P	P.Sharmincy	P.Sharmincy	P.Sharmincy	P.Sharmincy	P.Sharmincy	P.Sharmincy	P.Sharmincy	P.Sharmincy	P.Sharmincy	P.Sharmincy
36	963321106101	SIVA S										
37	963321106102	SIVA SANKAR M M	M.M.Sivasankar	M.M.Sivasankar	M.M.Sivasankar	M.M.Sivasankar	M.M.Sivasankar	M.M.Sivasankar	M.M.Sivasankar	M.M.Sivasankar	M.M.Sivasankar	M.M.Sivasankar
38	963321106103	SOWMIYA S	S.Sowmiya	S.Sowmiya	S.Sowmiya	S.Sowmiya	S.Sowmiya	S.Sowmiya	S.Sowmiya	S.Sowmiya	S.Sowmiya	S.Sowmiya
39	963321106105	SREE KAMALESH S	S.Sreekamalesh	S.Sreekamalesh	S.Sreekamalesh	S.Sreekamalesh	S.Sreekamalesh	S.Sreekamalesh	S.Sreekamalesh	S.Sreekamalesh	S.Sreekamalesh	S.Sreekamalesh
40	963321106107	SREE VIJEEESH PS	P.Sreevijeeesh	P.Sreevijeeesh	P.Sreevijeeesh	P.Sreevijeeesh	P.Sreevijeeesh	P.Sreevijeeesh	P.Sreevijeeesh	P.Sreevijeeesh	P.Sreevijeeesh	P.Sreevijeeesh
41	963321106108	STAINS R	R.Stains	R.Stains	R.Stains	R.Stains	R.Stains	R.Stains	R.Stains	R.Stains	R.Stains	R.Stains
42	963321106109	SUBITHA C	C.Subitha	C.Subitha	C.Subitha	C.Subitha	C.Subitha	C.Subitha	C.Subitha	C.Subitha	C.Subitha	C.Subitha
43	963321106110	SUJI B	B.Suji	B.Suji	B.Suji	B.Suji	B.Suji	B.Suji	B.Suji	B.Suji	B.Suji	B.Suji
44	963321106111	SUKIN J	J.Sukin	J.Sukin	J.Sukin	J.Sukin	J.Sukin	J.Sukin	J.Sukin	J.Sukin	J.Sukin	J.Sukin
45	963321106112	SUMITH S	S.Sumith	S.Sumith	S.Sumith	S.Sumith	S.Sumith	S.Sumith	S.Sumith	S.Sumith	S.Sumith	S.Sumith
46	963321106113	SURESH M	M.Suresh	M.Suresh	M.Suresh	M.Suresh	M.Suresh	M.Suresh	M.Suresh	M.Suresh	M.Suresh	M.Suresh
47	963321106114	SUVETHA M	M.Suvetha	M.Suvetha	M.Suvetha	M.Suvetha	M.Suvetha	M.Suvetha	M.Suvetha	M.Suvetha	M.Suvetha	M.Suvetha
48	963321106115	SUYAMBU M	M.Suyambu	M.Suyambu	M.Suyambu	M.Suyambu	M.Suyambu	M.Suyambu	M.Suyambu	M.Suyambu	M.Suyambu	M.Suyambu
49	963321106116	THANUSHA S M	M.Thanusha	M.Thanusha	M.Thanusha	M.Thanusha	M.Thanusha	M.Thanusha	M.Thanusha	M.Thanusha	M.Thanusha	M.Thanusha
50	963321106117	THANUSHIKA S	S.Thanushika	S.Thanushika	S.Thanushika	S.Thanushika	S.Thanushika	S.Thanushika	S.Thanushika	S.Thanushika	S.Thanushika	S.Thanushika
51	963321106118	VAISHNAVI KRISHNA K	K.Vaishnavi	K.Vaishnavi	K.Vaishnavi	K.Vaishnavi	K.Vaishnavi	K.Vaishnavi	K.Vaishnavi	K.Vaishnavi	K.Vaishnavi	K.Vaishnavi
52	963321106119	VARUN SP	P.Varun	P.Varun	P.Varun	P.Varun	P.Varun	P.Varun	P.Varun	P.Varun	P.Varun	P.Varun
53	963321106120	VASANTH R	R.Vasanth	R.Vasanth	R.Vasanth	R.Vasanth	R.Vasanth	R.Vasanth	R.Vasanth	R.Vasanth	R.Vasanth	R.Vasanth
54	963321106121	VENI R	R.Veni	R.Veni	R.Veni	R.Veni	R.Veni	R.Veni	R.Veni	R.Veni	R.Veni	R.Veni
55	963321106122	VIJAYAKUMAR V	V.Vijayakumar	V.Vijayakumar	V.Vijayakumar	V.Vijayakumar	V.Vijayakumar	V.Vijayakumar	V.Vijayakumar	V.Vijayakumar	V.Vijayakumar	V.Vijayakumar
56	963321106123	VIMAL M	M.Vimal	M.Vimal	M.Vimal	M.Vimal	M.Vimal	M.Vimal	M.Vimal	M.Vimal	M.Vimal	M.Vimal
57	963321106124	VISHNU KANDH K	K.Vishnu	K.Vishnu	K.Vishnu	K.Vishnu	K.Vishnu	K.Vishnu	K.Vishnu	K.Vishnu	K.Vishnu	K.Vishnu
58	963321106125	YABESH S	S.Yabesh	S.Yabesh	S.Yabesh	S.Yabesh	S.Yabesh	S.Yabesh	S.Yabesh	S.Yabesh	S.Yabesh	S.Yabesh
59	963321106126	YUJITHA I J	J.Yujitha	J.Yujitha	J.Yujitha	J.Yujitha	J.Yujitha	J.Yujitha	J.Yujitha	J.Yujitha	J.Yujitha	J.Yujitha
60	963321106307	SHYLO B										



Building plan and construction certificate course

CERTIFICATE



This is to certify that **DELBIN V** has successfully completed the **Building Planning and Construction** at Rohini College of Engineering and Technology from 05-03-2024 to 09-03-2024.


HOD


Convenor



Advance field surveying

PRESTO
REGD:
TN/7015



PRESTO LAND SURVEY INSTITUTE
Computerized Surveying with
Total Station



Certificate of Participation


This is to Certify that Mr./Ms.

LINGA ABISHA L

Rohini College of Engineering and Technology

has Participated in the value added course
Advanced Field Surveying

Duration : 27.05.2024 to 31.05.2024


G. MOHANAVIZHIYAN

Educational Director

PRESTO LAND SURVEY INSTITUTE

No.7/149, Thammampatti Main Road, Near BSNL Telephone Office, Malliakarai - 636 107, Salem D.T.
E-mail: Prestosurveyinstitute@gmail.com, Prestoinstitutes@gmail.com, Help Line: +91 93842 38137

2) Two Days Hands On Training Workshop(NDT)for iv year mechanical engineering students

The Department of Mechanical Engineering SAE organize two days' hands on training workshop for final year students on 12 & 13 October 2023 In this hands-on training students can learn with various inspection methods and equipment. This practical experience is highly valuable for future employment. Problem-Solving Skills: NDT professionals must analyze data, interpret test results, and make critical decisions. This helps students develop strong problem-solving and analytical skills. Contribution to Safety: NDT professionals play a crucial role in ensuring the safety and reliability of structures and products. This can be personally rewarding and meaningful. Environmental Benefits: NDT can help reduce waste and the environmental impact by extending the life of materials and components through early detection of defects. Continuous Learning Opportunities: NDT is a dynamic field with ongoing advancements in technology and techniques. This provides opportunities for lifelong learning and professional growth. International Opportunities: NDT professionals are in demand worldwide, which can open up opportunities for working abroad and experiencing different cultures. Networking Opportunities: NDT courses often facilitate networking with industry professionals, which can be helpful for career development and job placement. Personal Fulfillment: NDT professionals take pride in their work, knowing that they are contributing to the safety and integrity of various structures and products. In conclusion, NDT courses offer students a range of advantages, including excellent career prospects, skill development, competitive salaries, and the opportunity to make a meaningful contribution to industries and society. If you have an interest in science, technology, and problem-solving, pursuing NDT courses may be a rewarding career choice.

From
Dr. A. Sagal Francis Britto,
Associate Professor,
Year In -Charge/ IV Year,
Department of Mechanical Engineering,
Rohini College of Engineering and Technology.

To,
The Principal,
Rohini College of Engineering and Technology.

Through: HOD/ Mechanical Engineering

Respected Sir,


SUB: Seeking Permission for Conducting 2 days Workshop Reg...

We are taking an initiative to educate **190 Final Year Students** of our department to develop their Technical skills through 2 days' workshop on the topic "**Non-Destructive Testing: Hands-on Training**" on Thursday **12th, 13th October, 2023** at Imperial Hall from **9.45 am to 03.45 pm**.

For Conducting such Program, we need your support to permit us for bringing this thought into reality. You are requested to give your permission for conducting the said Program. The budget of the program is approximately Rs. 32,500/- and its details are affixed in the annexure. **7 Technical Faculty** will be available from **Techie- Trichy**. They will be available in our campus to deliver technical aspects to our students. I request you to **provide 2 Guest rooms** for their stay for the said date.

Thank You.

Palkulam,
05.10.2023

Yours truly,

(Dr. A. Sagal Francis Britto)



ROHINI COLLEGE OF ENGINEERING & TECHNOLOGY
Near Anjugramam Junction, Kanyakumari Main Road, Palkulam, Varkyoor PO - 629401
Kanyakumari Dist, Tamilnadu, E-mail : admin@rcet.org.in, Website : www.rcet.org.in
DEPARTMENT OF MECHANICAL ENGINEERING

03/10/2023


To
Ms. Nithya S,
Admin Coordinator,
TECHIE Training & Inspection,
Trichy.

Dear Madam,

Sub: Invitation for Two days Hands on Training Workshop on Non Destructive Testing - reg.

Department of Mechanical Engineering, ROHINI College of Engineering and Technology is organizing a two days hands on training workshop on "**Non Destructive Testing**" on 12/10/2023 & 13/10/2023. We are pleased to invite you as and your team as our resource people for the inaugural function and to provide hands on training both days.

Thank you,


Yours Sincerely,

Dr.D.Prince Sahaya Sudherson
HOD/Mech

06/10/2023

ROHINI COLLEGE OF ENGINEERING & TECHNOLOGY Mail - Acceptance of Invitation



Dr.D.Prince / HOD Mechanical

Acceptance of Invitation

<nithyas@techie.org >
To:hodmech@rcet.org.in

Fri, Oct 06, 2023 at 11:50

Respected sir,

Thank you for inviting me and my team to the Hands on training workshop on "**NON DESTRUCTIVE TESTING**" scheduled by Mechanical Department on 12/10/2023 and 13/10/2023. We gladly accept your invitation. We feel privileged to be a part of this eventful workshop. We really look forward to the discussions in the workshop, meet some new people and learn some new stuff.

All the best to you and your team for a successful organization of the workshop.

Regards

Ms. Nithya S,
Admin Coordinator,
TECHIE Training & Inspection,
Trichy.



TECHIE
TRAINING & INSPECTIONS
An ISO 9001 :2015 Certified Company

Mail : enquiry@techiendt.com

Mobile: +91 915 915 1848

Web: www.techiendt.com

Date: 12.09.2023

To:

THE PRINCIPAL / EXECUTIVE DIRECTOR
Rohini College of Engineering and Technology

Dear Sir,

Sub: Workshop on NDT with HANDS ON PRACTICALS

I am writing on behalf of Techie Training & Inspections regarding our company's training program and related workshop that we are keen to present live. I would like to request for your permission and support to conduct the workshop efficiently. **It will be a two-day workshop for which charges will be taken from students as refer below.** The main focus of this workshop will NDE/NDT methodology and its applications. This will include theory and practical's training and also each student who attends the training program will be given certificate. Practical's are mainly conducted to help students to gain knowledge over the subject and understand NDT in a more professional way. We are also pleased to let you know that students who perform well will be rewarded with 50 to 70% off on their next level of certification program. I shall be highly obliged for your kind support.

About Workshop:

- To expose the salient features of different types of NDE/NDT methodology and its applications in various industries and career opportunities in NDT techniques.
- To facilitate the **Practical Training** of various NDT equipment's familiarization their operations.

Workshop Outline (Theory):

Magnetic Particle Testing

- Basic of Magnetic Particle Testing
- Working Principles of Magnetic Particle Testing
- Advantages and Limitations, Applications
- Basic steps of Magnetic Particle Testing





Department of Mechanical Engineering
TWO DAYS HANDS ON TRAINING WORKSHOP ON NDT

S.NO	REG.NO	Name of the Student	12-10-2023	13-10-2023
1	963320114001	AATHITHYA VALLUVAN N	P	P
2	963320114002	ABBHISHEAK A M	P	P
3	963320114003	ABHIRAM S	A	P
4	963320114004	ABHIRAMI R M	P	P
5	963320114005	ABIGANESH R	P	P
6	963320114006	ABILDON B	P	A
7	963320114007	ABINESH A	P	P
8	963320114008	ABINESH K	P	P
9	963320114009	ABINESH P	P	P
10	963320114010	ABISHEAK A	P	P
11	963320114011	ABISHEK G	P	P
12	963320114012	ABISHEK M	P	A
13	963320114013	ADHISH D C	P	P
14	963320114014	AFSAL A	P	P
15	963320114015	AJAY K	P	P
16	963320114016	AJAY K	P	P
17	963320114017	AJAY S	P	P
18	963320114018	AJIN B	A	P
19	963320114019	AJINO SAM S	P	P
20	963320114020	AJITH G	P	P
21	963320114022	AJITH AJAY	P	P
22	963320114023	AKASH M	P	P
23	963320114024	AKASH M	P	P
24	963320114025	AKASH P	P	P
25	963320114026	AKHIL PRATHAP R P	P	P
26	963320114027	AKHINO SAM S	P	P
27	963320114028	ALLWIN M	P	P
28	963320114029	ANISH S	P	P
29	963320114030	ANTO JAISON J	P	P
30	963320114031	ANTONY KEBINESH A	P	P
31	963320114032	ARAVIND RAM A	P	P
32	963320114033	ARAVINTH M S	P	P
33	963320114034	ARAVINTH S J	P	P
34	963320114035	ARIKARAN R P	P	A
35	963320114037	ASHIS C	P	P
36	963320114038	ASHKIN V	P	P
37	963320114039	ASHWIN R	P	P
38	963320114040	ASUVETH V S	P	P

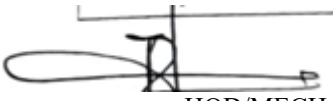
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40	963320114043	ASWIN S	P	P
41	963320114045	BALA MURUGAN J	P	P
42	963320114046	BALA MURUGAN P	P	P
43	963320114047	BALA VISHNU M	P	P
44	963320114048	BENIN S	P	P
45	963320114049	BERIN SAM S	P	P
46	963320114050	BESLINLUEI D	P	P
47	963320114051	BIBIN RAJ S	P	P
48	963320114052	BOHAR S	P	P
49	963320114053	BRIGIN JEYS B	P	P
50	963320114054	DANI VASANTH J	P	P
51	963320114056	DHANESH R	P	P
52	963320114057	FRANGO R	P	P
53	963320114058	FRANKLIN D	P	P
54	963320114059	FRANSON F	P	A
55	963320114060	FRITO RATHNA DOSS V	P	P
56	963320114061	GOKIL R M	P	P
57	963320114062	GOPALA KRISHNAN M	P	P
58	963320114063	HANSON E	P	P
59	963320114064	HONEST RAJ S	P	P
60	963320114065	IRSHAD HAJI ALI Y	P	P
61	963320114066	JEBARSH XAVIER NADAR F	P	P
62	963320114067	JEBA SHARON C J	P	P
63	963320114068	JEGATHEESH S	P	P
64	963320114069	JENEESH C	P	P
65	963320114070	JENISH K J	P	P
66	963320114071	JENISH S	P	P
67	963320114072	JENISH LAL Y	P	P
68	963320114073	JENISH REBINSTON V	P	P
69	963320114074	JERIN R	P	P
70	963320114075	JESSO THOMAS	P	P
71	963320114077	JEYA NITHIN R	P	P
72	963320114078	JIRIS ANISTAN A	P	A
73	963320114079	JONE RITHISH S	P	P
74	963320114080	JONI P	P	P
75	963320114081	JOSEPH VINO J	P	P
76	963320114082	KALIRAJ M	P	P
77	963320114083	KARTHICK S	P	P
78	963320114084	KRISHNAKUMAR R S	P	P
79	963320114085	KRISTON AJITH A	P	P
80	963320114086	LEKSHMAN M	P	P
81	963320114087	LINISH M	P	P
82	963320114088	LOGESH R	P	P

83	963320114089	MAANISH M	P	P
84	963320114090	MADHAN KUMAR S	P	P
85	963320114091	MADHAVAN S	P	P
86	963320114092	MAHARAJAN K	P	P
87	963320114093	MAHESH M	P	P
88	963320114094	MAHESWARAN R	P	P
89	963320114095	MANIKANDAN N	P	P
90	963320114096	MESHAK Y	P	P
91	963320114097	MICHEAL ROHAN A	P	P
92	963320114098	MOHAMED JAFEEL A	P	P
93	963320114099	MOHAMED SHAFITH B	P	P
94	963320114100	MOHAMED YOOSUF AFZER S	P	P
95	963320114101	MUGESH KANNA M	A	P
96	963320114102	MUTHU KRISHNAN M	P	P
97	963320114104	NAVIN NIRMAL N	A	P
98	963320114105	NEELA KUMAR P	P	P
99	963320114106	NEO VILKING J	P	P
100	963320114107	NIRANJAN AAKASH S	P	A
101	963320114108	NISHANTH S	P	P
102	963320114109	NITHIN R	P	P
103	963320114110	NITHISH KUMAR C N	P	P
104	963320114111	NIVIN S S	P	P
105	963320114112	NOUFAL N	P	P
106	963320114113	PONNANAINTHA PERUMAL R	P	P
107	963320114114	PONVIJAY N	P	P
108	963320114115	PRABIN JEBA P	P	P
109	963320114116	PRAHALATHAN J	P	P
110	963320114117	PRAKASH P	P	P
111	963320114118	PRAVIN S	P	P
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113	963320114120	RAGUL PRASANTH M	P	P
114	963320114121	RAJAN R M	P	P
115	963320114122	RAJAVIGNESH R	P	P
116	963320114123	RAJESH KUMAR G	P	P
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123	963320114130	RETHISH R	P	P
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125	963320114132	ROJITH R E	P	P
126	963320114133	SABARISH T	P	P

127	963320114134	SABEEL S	P	P
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129	963320114136	SANTHOSH S	P	P
130	963320114137	SARAN C	P	P
131	963320114138	SARANYA G	P	A
132	963320114139	SARAVANAN M	P	P
133	963320114140	SENTHIL KUMAR S	P	P
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135	963320114142	SHEWAK L	P	P
136	963320114143	SHIBU A	P	P
137	963320114144	SIVA V	A	P
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139	963320114147	SIVA MAJITH K	P	P
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141	963320114149	SIVA SAKTHI GANESH V	P	P
142	963320114150	SIVA SAKTHI VEL P	P	P
143	963320114151	SIVA SANKAR N	P	P
144	963320114152	SOMEN TRIPATHY	P	P
145	963320114154	SREE AKASH RAM C	P	P
146	963320114155	SREE RAJ R	P	P
147	963320114156	SREE SURAJ T	P	P
148	963320114158	SRI VISHNU A	P	P
149	963320114159	STARVIN J	P	P
150	963320114160	SUBIN R	P	P
151	963320114161	SUJIN K S	P	P
152	963320114163	SUNIL S	P	P
153	963320114164	SURYA I	P	P
154	963320114165	SUTHARSAN G	P	P
155	963320114166	THANGA KARTHIKEYAN K	P	P
156	963320114168	THANGA RAKESH P	P	P
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159	963320114171	THIVAKARAN S M	A	P
160	963320114172	UDAYA PERUMAL B	P	P
161	963320114173	UMAIYORU BHAGAM E S	P	P
162	963320114174	VASANTH K	P	P
163	963320114175	VASEEKARAN J	P	P
164	963320114176	VENISH MANI S	P	P
165	963320114177	VIGNESH A	P	A
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167	963320114179	VIJAYAN K	P	P
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169	963320114181	VIKRAMAN J	P	P
170	963320114182	VINAYAK WHEELAN P	P	P

171	963320114183	VINO R	P	P
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174	963320114301	AFIGITH SELVAN S	A	P
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180	963320114310	HARIPRAKASH M	P	P
181	963320114311	JERIL ASIR G	P	A
182	963320114312	KARTHIKEYAN R	P	P
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185	963320114316	SENTHIL MURUGAN A	P	P
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187	963320114319	TAMU MISHEL M	P	P
188	963320114320	VISHWA V	P	P
189	963320114701	SAMUEL GLIGHTUS S	P	P


 C TOR
 Dr. SAHAYA FRANCIS BRITTO


 HOD/MECH

EVIDNANCE FOR TEACHERS FEEEDBACK

- 1) Requirement of topics for current advancements logies are delivered as content beyond syllabus wherever**

CONSOLIDED FACULTY DEVELOPMENT PROGRAM

EVIDENCE OF TEACHERS FEEDBACK ON CURRICULUM

- 1) Requirement of topics for current advancements in technologies are delivered as Content beyond Syllabus wherever needed.**

ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONTENT BEYOND SYLLABUS

Academic Year: 2023-2024

S.No.	COURSE CODE/COURSE TITLE	CONTENT BEYOND SYLLABUS TOPICS	PO & PSO MAPPING	DATE
1.	EC8094 - Satellite Communication	Intermodulation noise Density Calculation	PO4,PSO1	29.02.2024
		Master antenna TV, Community antenna TV	PO1,PSO1	30.04.2024
2.	OEE351- Renewable Energy Systems	Wind Energy Estimation	PO4	13.03.2024
		Tidal power calculation	PO4	27.04.2024
3.	CEC352-Satellite Communication	Earth Station System	PO1,PO2,PO3,PSO1	04.04.2024
				05.04.2024
4.	EC3452- Electromagnetic Fields	Wave polarization antenna	PO1,PO2	07.05.2024
		Basics Microwave Application of EMF	PO12,PSO1	05.06.2024
5.	EC3401-Networks and Security	Boarder gate way protocol	PO2,PO5,PO12	07.05.2024
6.	EC3451-Linear Integrated Circuits	Basic IC fabrication Process	PO6,PO10	14.03.2024
7.	EC3492-Digital Signal Processing	Realization considerations in finite word length	PO2,PO3,PO7	14.05.2024
		Adaptive filter usage in DSP		11.06.2024
8.	EC3491- Communication Systems	Tuned radio frequency receiver	PO3	23.03.2024
		Wave length division Multiplexing	PO12	13.04.2024
9.	GE3451- Environmental Sciences and Sustainability	Cause, efforts And control measures of plastic pollution	PO6	07.05.2024
		Important measures for sustainable development of Environment pollution Control	PO1,PO2	11.06.2024
10.	EC3461- Communication System Lab	Pulse Amplitude Modulation power Estimation	PO4,PSO1	As per batches
		Pulse position Modulation	PO3,PO4	
11.	EC3464-Linear Integrated Circuits Lab	Simulation of Instrumentation amplifier using pspice	PO2,PO5	As per batches
		Simulation of Astable and Monostable Multivibrator using pspice	PO2,PO5	


HOD/ECE

ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CONTENT BEYOND SYLLABUS

Academic Year: 2023-2024 (ODD SEMESTER)

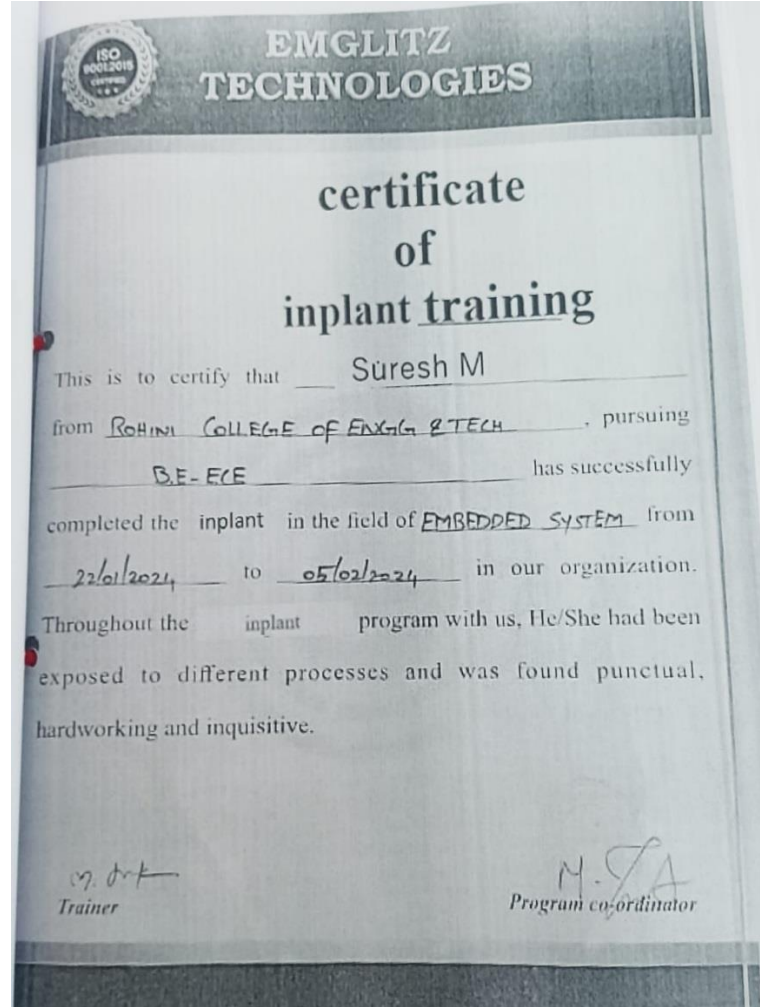
S.No.	COURSE CODE/COURSE TITLE	CONTENT BEYOND SYLLABUS TOPICS	PO & PSO MAPPING	DATE
1.	EC8701-Antenna and Microwave Engineering	Design of meander line and patch antenna	PO4,PO6	09.10.2023
				09.10.2023
2.	EC8751-Optical Communication	Efficiency of High performance receivers	PO4, PO6	18.09.2023
		Photonic packet switch	PO1,PO2	10.10.2023
3.	EC8791- Embedded and real time systems	Software modem	PO1,PO2	12.09.2023
4.	EC3501-Wireless Communication	OFAM Orthogonal (Frequency, Division, Multiplication)	PO2, PO3, PO5	05.10.2023
				21.10.2023
5.	EC3552-VLSI and Chip Design	Fabrication – p well n- well, twin tub	PO1,PO2,PSO1	30.10.2023
		Multiplexer and decoder	PO1,PO2,PSO1	
6.	EC3551- Transmission Lines and RF Systems	Slotted line impedance measurements	PO1,PO2	11.09.2023
		Micro Strip Line Matching	PO4,PO6	26.10.2023
7.	CBM370- Wearable Devices	Health care industry	PO4,PO6	30.05.2023
				25.05.2023
8.	CEC368-IoT based system design	Recent trend in IOT	PO6,PSO1	30.10.2023
		Block chain technology in IOT	PO1,PO2,PSO1	03.11.2023
9.	CS8088-Wireless sensor network design	Security in sensor n/w	PO5 ,PO6	30.10.2023
10	MA3355- Random Process and Linear Algebra	Negative binominal distribution	PO2	13.12.2023
		Tet for dragonalizablity	PO3	03.01.2024
11.	CS3353-C Programming and Data Structures	Graph	PO2,PSO1	13.12.2023
		Red block trees	PO3	03.01.2024
		Radix soot	PO2,PSO1	03.01.2024


HOD/ECE

INDUSTRIAL VISIT



Inplant training certificates



1	Mr.N.Arunpandian	Assistant Professor/Agri	AICTE Training and Learning (ATAL) Academy	All India Council for Technical Education	23-10-2023 to 28-10-2023
2	Mr.P.Venkateshan	Assistant Professor/Agri	AICTE Training and Learning (ATAL) Academy	All India Council for Technical Education	23-10-2023 to 28-10-2023
3	Dr.M.Ezhilan	Professor/Mechanical	Empowering Educators:AI in Robotics and automation for Innovative innitiatives in the digital Era	Sri Krishna College of Engineering and Technology, Coimbatore	04/12/2023 to 08/12/2023
4	Dr.K.K.Ajitha Kumar	Professor/Mechanical	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology	23.10.2023 to 27/10/2023
5	Dr.S.Kailainathan	Associate Professor/Mechanical	Design ,Process and Applications of Additive Manufacturing	EASA College of Engineering and Technology	22.01.2024 to 27.01.2024
6	Dr.D.PrinceSahaya Sudherson	Associate Professor/Mechanical	Engineering Thermodynamics	CARE College of Engineering and Technology	28.08.2023 to 01.09.2023
7	Dr.D.Gopi	Associate Professor/Mechanical	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology	23.10.2023 to 27/10/2023
8	Dr.K P Paranitharan	Associate Professor/Mechanical	Empowering Educators:AI in Robotics and automation for Innovative innitiatives in the digital Era	Sri Krishna college of Engineering and Technology,Coimbatore	04/12/2023 to 08/12/2023
9	Dr.A.Sagai Francis Britto	Associate Professor/Mechanical	Drone Technology	DMI Engineering College	19.02.2024 to 24.02.2024
10	Mr.V.Loganathan	Assistant Professor/Mechanical	Engineering Thermodynamics	CARE College of Engineering and Technology	28.08.2023 to 01.09.2023
11	Mr.R.David	Assistant Professor/Mechanical	3D Printing Using NX	Govt Engineering College Tvl	24.07.2023 to 28.07.2023
12	Mr.M.Rajakumar	Assistant Professor/Mechanical	Engineering Thermodynamics	CARE College of Engineering and Technology	28.08.2023 to 01.09.2023

13	Mr.T.Jeba Singh	Assistant Professor/Mechanical	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology	23.10.2023 to 27/10/2023
14	Mr.S.T.Arjun	Assistant Professor/Mechanical	3D Printing Using NX	Govt Engineering College Tv1	24.07.2023 to 28.07.2023
15	Mr.P.NavinJass	Assistant Professor/Mechanical	Empowering Educators:AI in Robotics and automation for Innovative innitiatives in the digital Era	Sri Krishna college of Engineering and Technology,Coimbatore	04/12/2023 to 08/12/2023
16	Mr.G.Pradeesh	Assistant Professor/Mechanical	Empowering Educators:AI in Robotics and automation for Innovative innitiatives in the digital Era	Sri Krishna college of Engineering and Technology,Coimbatore	04/12/2023 to 08/12/2023
17	Mr.V.Abilesh	Assistant Professor/Mechanical	Empowering Educators:AI in Robotics and automation for Innovative innitiatives in the digital Era	Sri Krishna college of Engineering and Technology,Coimbatore	04/12/2023 to 08/12/2023
18	Mr.V P Prawyn Jeba	Assistant Professor/Mechanical	Design ,Process and Applications of Additive Manufacturing	EASA College of Engineering and Technology	22.01.2024 to 27.01.2024
19	Mr.K.Rajasuthan	Assistant Professor/Mechanical	3D Printing Using NX	Govt Engineering College Tv1	24.07.2023 to 28.07.2023
20	Mr.S.Wesley Jacob	Assistant Professor/Mechanical	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology	23.10.2023 to 27/10/2023
21	Mr.D.Yugendra Rajan	Assistant Professor/Mechanical	Design ,Process and Applications of Additive Manufacturing	EASA College of Engineering and Technology	22.01.2024 to 27.01.2024
22	Mr.Benny John J	Assistant Professor/Mechanical	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology	23.10.2023 to 27/10/2023

23	Dr.M.Sergious Joe	Assistant Professor/Mechanical	Empowering Educators:AI in Robotics and automation for Innovative initiatives in the digital Era	Sri Krishna college of Engineering and Technology,Coimbatore	04/12/2023 to 08/12/2023
24	Mrs.K.Krishnaveni	Assistant Professor/Mechanical	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology	23.10.2023 to 27/10/2023
25	Mr.C.Suren	Assistant Professor/Mechanical	Product Design Engineering and Modelling	Govt Engineering College Tv1	29.01.2024 to 03.02.2024
26	Dr. Jasmine J C Sheeja	Associate Professor/ECE	Emerging Research Trends in Engineering and Technology	KINGS Engineering College, Chennai	04-11 January 2024
27	Dr.E. Sree Devi	Professor/ECE	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology, Kanyakumari, TN	23-28 October 2023
28	Dr. T. SudarsonRamapural	Associate Professor/ECE	Recent Trends in Democratization in Chip Design	JEPPIAAR Institute of Technology, Chennai	12-16 June 2023
29	Dr.R.B. Benisha	Associate Professor/ECE	Recent Advancement in Electric Vehicle Technologies and Energy Storage- ATAL Academy	Noorul Islam College of Engineering, Kanyakumari Dist., TN, India	11-16 December 2023
30	Dr.R.B. Benisha	Associate Professor/ECE	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology	23/10/2023 to 28-10-2023
31	Dr.M.Reji	Associate Professor/ECE	Recent Advancement in Electric Vehicle Technologies and Energy Storage - ATAL Academy	Noorul Islam College of Engineering, Kanyakumari Dist., TN, India	11-16 December 2023

32	Dr.M.S.Sumi	Associate Professor/ECE	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology, Kanyakumari, TN	23-28 October 2023
33	Mr.R.Venkatesh	Assistant Professor/ECE	FDP on Future-Proofing Engineering Education: Emerging Trends and Technologies	VINS Christian College of Engineering, Chunkankadai, KK Dist, TN, India	23-27, July 2024
34	Mr. R.V. Nagarajan	Assistant Professor/ECE	Digital Tools for Teaching and Learning	NITTTTR, Chandigarh	11-15 March 2024
35	Mrs.R. AshlinJinushia R	Assistant Professor/ECE	Deep Learning and IoT Driven Smart Applications	Department of CSE, MLRIT	24-29 June 2024
36	Dr.G.K.Jabash Samuel	Associate Professor/EEE	Electric power grid modernization Trends, challenges and Opportunities	KKR & KSR Institute of Technology and Science,Guntur.	11/12/2023 to 16-12-2023
37	Dr.N.Amutha Priya	Associate Professor/EEE	Developing Instructional Material	National Institute of Technical Teachers Training and Research, Chennai.	19/6/2023 to 23-06-2023
38	Dr.N.Amutha Priya	Associate Professor/EEE	Teaching and learning in Engineering	NPTEL	Jan-Feb 2024
39	Dr.N.Amutha Priya	Associate Professor/EEE	Recent Advancement in Electric Vehicle Technologies and Energy Storage	Noorul Islam College of Engineering	11/12/2023 to 16-12-2023
40	Dr.N.Amutha Priya	Associate Professor/EEE	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology	23/10/2023 to 28-10-2023
41	Dr.N.Amutha Priya	Associate Professor/EEE	AI in Robotics and Automation for Innovative	Sri Krishna College of Engineering and	4/12/2023 to 08-12-2023

			Initiatives in the Digital Era	Technology, Coimbatore	
42	Dr.Binu	Associate Professor/EEE	Industrial Advancement in Electronics and Communication	Techno College of Engineering Agartala	3/7/2024 to 07-07-2024
43	Dr.Binu	Associate Professor/EEE	IoT Concepts and Applications	Rohini College of Engineering and Technology	19/2/2024 to 23-02-2024
44	Mr.P.Jeyakumar	Assistant Professor/EEE	Application of Power Electronics for Renewable Energy	RVS College of Engineering and Technology, Coimbatore.	8/6/2024 to 14-06-2024
45	Mr.S.Gopakumar	Assistant Professor/EEE	AI in Robotics and Automation for Innovative Initiatives in the Digital Era	Sri Krishna College of Engineering and Technology, Coimbatore	4/12/2023 to 08-12-2023
46	Mr.S.Gopakumar	Assistant Professor/EEE	Recent Advancement in Electric Vehicle Technologies and Energy Storage	Noorul Islam College of Engineering	11/12/2023 to 16-12-2023
47	Mr.S.Gopakumar	Assistant Professor/EEE	Outcome based education for Effective learning and Teaching	AMET University	19/7/2023 to 27-07-2023
48	Mr.C.EbbieSelvakumar	Assistant Professor/EEE	Recent Advancements in Sustainable solar photovoltaic power Technology	Vardhaman College of Engineering, Shamshabad.	15/4/2024 to 20-04-2024
49	Mr.C.EbbieSelvakumar	Assistant Professor/EEE	Internet of Things in Smart Spaces	CVR College of Engineering, Ibrahimpatnam.	26/2/2024 to 02-03-2024
50	Mr.C.EbbieSelvakumar	Assistant Professor/EEE	Recent Advances and Challenges in Electric Vehicles	Vardhaman College of Engineering, Shamshabad.	23/10/2023 to 28-10-2023
51	Dr.C.Sowthily	Assistant Professor/EEE	IoT Concepts and Applications	Rohini College of Engineering and Technology	19/2/2024 to 23/2/2024
52	Dr.C.Sowthily	Assistant Professor/EEE	Recent Advancement in Electric Vehicle Technologies	Noorul Islam College of Engineering	11/12/2023 to 16/12/2023

			and Energy Storage		
53	Dr.C.Sowthily	Assistant Professor/EEE	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology.	23/10/2023 to 28-10-2023
54	Dr.C.Sowthily	Assistant Professor/EEE	Research Methodology	Indian Institute of Information and Technology, Chennai.	11-3-2024 to 15-03-2024
55	Mrs.A.R.Preethi	Assistant Professor/MCA	Artificial Intelligence in Healthcare and Hospitality Management – ATAL Academy	Rohini College of Engineering and Technology.	23/10/2023 to 28-10-2023





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

DAVID R

for successfully completing the course

Mechanics of Sheet Metal Forming

with a consolidated score of **68** %

Online Assignments	21.08/25	Proctored Exam	46.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 29

Feb-Apr 2024

(8 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL24ME51S462800569

To verify the certificate



No. of credits recommended: 2 or 3



SRI KRISHNA

COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution, Affiliated to Anna University, Chennai)
Kuniamuthur, Coimbatore-641008



CERTIFICATE OF APPRECIATION

This is to certify that Dr. EZHILAN M
of ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY
has participated in the Five day National Level Faculty Development Program on
"Empowering Educators: AI in Robotics and Automation for Innovative Initiatives in the
Digital Era" conducted by Department of Mechatronics Engineering, Sri Krishna College of
Engineering and Technology, Coimbatore from 4/12/2023 to 8/12/2023.

HOD

PRINCIPAL



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MEENAKSHIAMMAL R

for successfully completing the course

Demystifying Networking

with a consolidated score of **65** %

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jul-Aug 2023)

Roll No: NPTEL23CS124545410065

Duration of NPTEL course : 4 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



ROHINI

COLLEGE OF ENGINEERING AND TECHNOLOGY
Approved by AICTE and Affiliated to Anna University (An ISO Certified Institution)
Accredited by NAAC with A+ Grade | Recognized under section 2(f) of University Grants Commission, UGC Act 1956



5-Day Faculty Development Program on IoT Concepts and Applications

Organized by

RCET - ISTE CHAPTER

Certificate of Participation

This is to certify that

Mr/Mrs/Ms. SOWTHILY...C..., ELECTRICAL AND ELECTRONICS ENGINEERING
of ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY
has participated in a five-day faculty development program on "IoT Concepts & Applications" organised by
the RCET ISTE chapter in association with ICONIX Software Solutions and SOSHAI IT Services and IT Consulting
from February 19 to 23, 2024.

RCET-ISTE Chapter Secretary

Principal

Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma Institute of Information Technology

(An Autonomous Institute affiliated to Savitribai Phule Pune University)



Certificate of Participation

This is to certify that

Meenakshiammal R

Rohini College of Engineering and Technology

has successfully completed One Week Faculty Development Program on "Cognitive Computing for
Smart Applications" organized by the Department of Artificial Intelligence and Data Science,
Vishwakarma Institute of Information Technology, Pune from 18th March, 2024 to 22nd March, 2024.

Dr. Vivek Patil
FDP Coordinator
Dept. of AI&DS

Prof. Prasad Chaudhari
FDP Coordinator
Dept. of AI&DS

Parikshit N. Mahalle
FDP Convener
Head of Dept., AI&DS

Dr. Vivek S. Deshpande
Director
VIIT, Pune



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SAHAYA RUBEN J

for successfully completing the course

Maintenance and Repair of Concrete Structures

with a consolidated score of **56** %

Online Assignments	24.78/25	Proctored Exam	31.56/75
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Total number of candidates certified in this course: 790

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2024

(12 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL24CE22S362800242

To verify the certificate



No. of credits recommended: 3 or 4

EVIDENCE FOR ACTION TAKEN REPORT OF FEEDBACK FROM ALUMINI**Certification courses are executed to enhance the skills of the students and make them competent**

Sl.No.	Name of the student	Certification/Technical Event	Course Name /Event Title	Institution/ Course provider	Date /Duration	Award/Result
1	Sinthuja L	Certification	Introduction to Machine Learning	NPTEL	Jul-Sep 2023	Completed
2	Vinoba V	Certification	Foundations of Cloud IOT Edge ML	NPTEL	Feb-April 2024	Completed
3	BalaAbinesh T	Certification	Foundations of Cloud IOT Edge ML	NPTEL	Feb-April 2024	Completed
4	Viji U	Certification	Foundations of Cloud IOT Edge ML	NPTEL	Feb-April 2024	Completed
5	Demi Rithika G	Certification	Foundations of Cloud IOT Edge ML	NPTEL	Feb-April 2024	Completed
6	Jeswin Sam S	Certification	Problem solving Through programming in C	NPTEL	Jul-Oct 2023	Completed
7	K R Ashika	Certification	Database Management System	NPTEL	Jul-Sep 2023	Completed
8	Sariga C	Certification	Machine Learning with python	IBM Developer Skill Network	26-Jan-2024	Completed
9	Aswini A J	Certification	Database Management System	NPTEL	Jul-Sep 2023	Completed
10	S Ajish	Certification	Introduction to Machine Learning	NPTEL	Jul-Sep 2023	Completed
11	Sariga C	Certification	SQL and PostgreSQL	Udemy	30-Jan - 2024	Completed

12	Nithin C	Certification	Hackathon	StartUp TN	2023	4 th Runner Up
13	Lavanya A	Certification	Problem solving Through programming in C	NPTEL	Jul-Oct 2023	Completed
14	Gowsik Beesma Shilesh	Certification	Problem solving Through programming in C	NPTEL	Jul-Oct 2023	Completed (Elite)
15	Biju H Nair	Certification	Problem solving Through programming in C	NPTEL	Jul-Oct 2023	Completed (Elite)
16	Solai Kesavan B	Certification	Problem solving Through programming in C	NPTEL	Jul-Oct 2023	Completed (Elite)
17	Janice Gressida J	Certification	Problem solving Through programming in C	NPTEL	Jul-Oct 2023	Completed (Elite)
18	Sariga C	Certification	AI for India 2.0	Skill India	15-Aug-2023	Completed
19	Sariga C	Certification	Introduction to Data science	CISCO Networking Academy	30-Jan - 2023	Completed
20	Mowlika J R	Certification	Red Hat System Administration II (RH134)	Red Hat	17-Nov-2023	Completed
21	Archana S	Certification	Red Hat System Administration II (RH134)	Red Hat	3-Nov-2023	Completed
22	Anugraha S	Certification	Red Hat System Administration II (RH134)	Red Hat	3-Nov-2023	Completed

23	Archa J	Certification	Red Hat System Administration II (RH134)	Red Hat	3-Nov-2023	Completed
24	Devan V	Certification	Data analytics Essentials	CISCO Networking Academy	21-Dec-2023	Completed
25	BencyTeenu	Certification	Red Hat System Administration II (RH134)	Red Hat	27-Oct-2023	Completed
26	Danuja D	Certification	Red Hat System Administration II (RH134)	Red Hat	27-Oct-2023	Completed
27	Bala Abinesh	Certification	Python 101 for Data Science	IBM Developer Skill Network	7-Feb-2024	Completed
28	Sariga C	Certification	Data analytics Essentials	CISCO Networking Academy	30-Jan-2024	Completed
29	Devan V	Certification	Introduction to Cyber Security	CISCO Networking Academy	30-Jan-2024	Completed
30	Sariga C	Certification	Python	GUVI	06-Aug-2023	Completed
31	Solai Kesavan	Certification	Crash course on Python	Coursera	25-Nov-2023	Completed
32	S.L.Sushmin	Technical Event	Digital Marketing	PET Engineering college	11-Oct-2023	Second Prize
33	Vinisha T	Technical Event	Digital Marketing	PET Engineering college	11-Oct-2023	Second Prize
34	SolaiKesavan	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed

35	Satheesh Manikandan M	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
36	Nithin C	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
37	GowsikBeesmaShilesh P Shilesh	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
38	PonSuriya P	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
39	Lekshmi G	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
40	Lavanya E	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
41	BencyTeenu M	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
42	Nithya A	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
43	K C Praveen Kumar	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
44	Jeswin Sam S	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
45	Biju H Nair	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
46	Danuja D	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed

47	R Linsila Regin	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
48	Janice Gressida J	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
49	SreeAjatha N T	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
50	Gowtham E	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
51	RagulSelton B	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
52	Reshmittha Y C	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
53	NivedhSankar.C.J	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
54	Shiju S	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
55	Nikitha Vesta K	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
56	Hilda R	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
57	Atshaya K	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
58	Ajinslin J	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed

59	NallaSivam R	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
60	Anton Vasanth S S	Certification	Robotic Process Automation	Honeywell	11-Sep-2023 to 27-Sep-2023	Completed
61	Surya Ruppeash	Technical Event	Debugging	Rohini College of Engineering & Technology	20-Oct-2023	First Prize
62	Sridevi Minusha B	Technical Event	Paper Presentation	Rohini College of Engineering & Technology	20-Oct-2023	Second Prize
63	Naveen Kumar M	Technical Event	Quiz	Rohini College of Engineering & Technology	20-Oct-2023	First Prize
64	Naveen Kumar M	Technical Event	Paper Presentation	Rohini College of Engineering & Technology	20-Oct-2023	Third Prize
65	Sree Vishnu S	Technical Event	Paper Presentation	Rohini College of Engineering & Technology	20-Oct-2023	Second Prize

Sample certificates:



International Conference , national level technical conference is being conducted in the institution and students of different semesters were trained to write and present papers in the conference.

INTERNATIONAL CONFERENCE

Rohini College of Engineering and Technology, in Association with: Srinivas University Mangaluru, India & Azteca University, Mexico organized an International Conference on Trends in Computing, Automation, Management, Economics & Applied Social Sciences (ICCAMESS-2023), 28th October, 2023 in hybrid mode.

Chairman Shri K NeelaMarthandan, Pro Chairman Dr. N. Neela Vishnu and Managing Director Dr.V.M. Blessy Geo has graced the occasion. Dr.R.BBenisha Associate Professor Department of Electronics and Communication Engineering welcomed the gathering. Dr.Reji M Associate Professor revealed the theme and purpose of the conference Dr. R.Rajesh, Principal has delivered the presidential address.

Dr. P.S. Aithal Vice Chancellor, Srinivas University was the chief guest for the program and imparted about the research in automation and multidisciplinary research. He also gave the awareness about research laboratories in India and motivated the students to pursue research. He also released the proceedings of the conference. The Felicitation address by Dr.P.k.Paul gave the awareness about multidisciplinary research. Three key note sessions were conducted.

Dr. P.S. Aithal, Ph.D., D.Sc.

Vice Chancellor
Srinivas University,
Mangaluru,
KN, India

Title of the talk:

Efficient Technology Management for Effective Automation of Industries in Society

Dr. Prosannajid Sarkar, Ph.D.

Principal Scientific Researcher
Dr. Wazed International Research and Training Institute
Begum Rokeya University, Rangpur
Bangladesh

Title of the talk:

An Overview of hypertension: Risk factors and its management strategies in the context of Bangladesh

Dr. P.K. Paul, Ph.D., D.Sc.

Executive Director (MCIS Program), Asst. Professor
Head/ Coordinator, Dept. of CIS & Information Scientist (Offg.)
Raiganj University, West Bengal, India

Title of the talk:

Latest ICT, Informatics in support of Academic & Business Innovation: Aspects of Educational policies & sustainability

Dr. Neil P. Balba, Ph.D.

Chief Digital Officer & Professor
The Lyceum of the Philippines University (LPU)
Laguna, Philippines

Title of the talk:

EdTech and Society: Transforming Education through Technology

The inaugural function concluded with the vote of thanks by Mr. Sanju, Assistant Professor. Industrial persons, academic researchers, undergraduate and postgraduate students from various colleges presented research papers. Around 120 research papers were received and 86 papers were shortlisted for the presentation. The preparations for the event were organized by the professors of Rohini college of Engineering and Technology.



2023



International Conference on

Trends in Computing, Automation,
Management, Economics & Applied Social
Science (ICCAMEASS-2023)

**28th October, 2023 at RCET,
Kanyakumari, TN, India**



Hybrid Mode





ROHINI

COLLEGE OF ENGINEERING AND TECHNOLOGY
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In Association with
**Srinivas University, Mangaluru, India and
 Azteca University, Mexico**

The International Conference on
**Trends in Computing, Automation, Management, Economics & Applied
 Social Science.**



CERTIFICATE

This is to certify that Malax Bhasathi M
 of Rohini College of Engineering and Technology has presented the
 paper entitled Gaganyaan
 in the International Conference on Trends in
 Computing, Automation, Management, Economics & Applied Social Science
 (ICCAMEASS-2023) held on 28 October 2023 organized by Rohini College of
 Engineering & Technology, Kanyakumari, India and in association with Srinivas
 University, Mangaluru, India and Azteca University, Mexico


Convener


Director & General Secretary


General Chair

APRIL 15
ROHINI
 COLLEGE OF ENGINEERING & TECHNOLOGY
 (AUTONOMOUS)
DEPARTMENT OF CSE
 Rohini CSE Association
XenotriX
 PRESENTS
ZYNIX'24
 A NATIONAL LEVEL TECHNICAL SYMPOSIUM

TECHNICAL EVENTS

- ◆ Paper Presentation
- ◆ Debugging
- ◆ Quiz
- ◆ Poster Design
- ◆ Treasure Hunt
- ◆ Logo Design
- ◆ Find the Gospel
- ◆ Video Editing

NON TECHNICAL EVENTS

- ◆ Photography
- ◆ Esports
- ◆ Connection

Win exciting prizes!
 More Details

Registration Fee **250/-**
 Lunch included

STUDENT CO-ORDINATORS

- Sabarish - 90929 66941
- Gowish Shilesh - 94884 09307
- Sam Giftson - 87543 80297
- Bala Abinesh - 76038 97774
- Janice Gressida Mowilla

CONVENOR
 Prof.R.Sahila Devi
 HOD, Dept. of CSE
 zynix_2k24

FACULTY ADVISORS

- Dr.L.Michael Revina - 97900 27948
- Prof.G.Devi Visalalesh - 90958 51574
- Prof. I. Sivaprasad - 97873 03564

Save the Date!
 Last Date for Paper Submission
12

Register here

csesymposium2024@gmail.com



A National Level Technical Symposium (MACH'24)

A National level technical symposium (MACH'24) was held on 17-04-2024 Association of SAEINDIA students' chapter on behalf of the Department of Mechanical Engineering at Rohini College of Engineering and Technology. The chairman of the college, Mr. Neela Marthandan, Pro chairman Dr. Neela Vishnu, and Managing Director Dr. Blessy George presided over the event. The principal of the college, Dr. R.Rajesh, gave the presiding address. The Head of the Department

of Mechanical Engineering, Dr. Prince Sahaya Sudherson welcomed them all. Dr.Sahaya Francis Britto introduced the special guest. Dr. D.P. Sudhakar Deputy Director, ISRO attended the program as special guest and gave departmental advice to the students. And Dr. James Daniel Rtd. Principal, Scott Christian college gave motivational speech for the students. Various competitions and art programs were held for the students and prizes were awarded to the winners. Also a car expo was organized by the department of mechanical Engineering, This expo featured a large number of expensive new cars and old cars and the last special event was a bike stunt. More than 500 students from various colleges participated in this event. The arrangements for the program were jointly organized by the Head of the Department of Mechanical Engineering and the Professors of the Department.





Placement oriented Training was given to equip the students to face the placement drive with confidence.

Evidence for Parents feedback

- 1) Placement related activities and training were given to pre-final and final year students to enable them attend and clear interviews with confidence



ROHINI
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Near Anjugramam Junction, Kanyakumari Main Road, Palkulam, Varyoor P.O - 629 401

PLACEMENT CELL

Placement Training Details

Academic year (2023-2024)

S.No	Training Programs	Resource Person	No of Days & Dates
1.	Interview Skills Improvement Workshop Aptitude Training	Campus Connection	10 Days 17-07-2023 to 28-07-2023


Placement Officer
Placement Officer
Rohini College of Engineering & Technology
Palkulam, Anjugramam - 629 401.


PRINCIPAL
Dr. R. RAJESH
PRINCIPAL
Rohini College of Engineering & Technology
Anjugramam Kanyakumari Main Road,
Palkulam, Varyoor (P.O.) - 629 401
Kanyakumari District, Tamil Nadu.





SOFTSKILL TRAINING



- 2) Students of III Year have opted for different electives of recent technologies like IOT and its applications, Artificial Intelligence and Machine Learning, Embedded and IoT. Industrial Visits and internships have been attended by students to enrich their knowledge practically.



ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY

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Accredited with A+ Grade by NAAC

TIME TABLE FOR SIXTH SEMESTER

Programme: B.E

Branch: III MECH A

Academic Year :2023-2024 [EVEN]

Hall No: IN 108

Regulation:2021

Day/ Period	9.25 - 10.05am	10.05- 10.45am	10.45 am- 11.00 am	11.00am - 11.40am	11.40am- 12.20pm	12.20pm- 1.00pm	1.00pm - 1.40 pm	1.40 pm-2.20pm	2.20 - 2.35pm	2.35pm- 3.15pm	3.15pm- 3.55pm
	1	2		3	4	5		6		7	8
Mon	CME397 (RDD)	CME397 (RDD)	INTERVAL	ME3681(STA)/ ME3682(EZH)			LUNCH	ME3691 (SFB)	INTERVAL	OCS352 (SRC)	ME3691 (SFB)
Tues	OCS352 (SRC)	CME365 (EZH)		CME388 (VPJ)	CME388 (VPJ)	ME3691 (SFB)		CME365 (EZH)		CME365 (EZH)	OCS352 (SRC)
Wed	CME397 (RDD)	CME397 (RDD)		ME3691 (SFB)	CME365 (EZH)	ME3691 (SFB)		ME3681(STA) /ME3682(EZH)		ME3681(STA) /ME3682(EZH)	
Thurs	CME388 (VPJ)	CME388 (VPJ)		OCS352 (SRC)	ME3691 (SFB)	ME3691 (SFB)		OCS352 (SRC)		OCS352 (SRC)	ME3691 (SFB)
Fri	CME365 (EZH)	CME397 (RDD)		MX3089 (DBI)	COUN (RDD)(VAB)			CME397 (RDD)		TRP (ASV)	TRP (ASV)

S.No.	Subject Code & Name	Staff Name	Total Hours
1	ME369-Heat and Mass Transfer	Dr.A.Sagai Francis Britto (SFB)	8
2	CME365-Renewable Energy Technologies	Dr.M.Ezhilan (EZH)	5
3	CME397-Surface Engineering	Mr.R.David (RDD)	6
4	CME388-Industrial Safety	V.P.Prawyn Jeba (VPJ)	4
5	OCS352-IOT Concepts and Application	Mr.C.Suren (SRC)	6
6	MX3089-Industrial Safety	Mrs. Divya Bharathi (DBI)	2
7	ME3681-CAD/CAM Laboratory	Mr.S.T.Arjun (STA)	6
8	ME3682- Heat Transfer Laboratory	Dr.M.Ezhilan (EZH)	6
9	Training and Placement	Ms.Aslin Jinusha (ASV)	2

Class Advisor & Mentor's		Roll Number's
Class Advisor	Mr.R.David	
Mentors	Mr.R.David	1-32
	Mr.V.Abilesh	33-64

HOD 07-03-2024

PRINCIPAL

OBJECTIVES:

- To apprise students with basic knowledge of IoT that paves a platform to understand physical and logical design of IOT
- To teach a student how to analyse requirements of various communication models and protocols for cost-effective design of IoT applications on different IoT platforms.
- To introduce the technologies behind Internet of Things(IoT).
- To explain the students how to code for an IoT application using Arduino/Raspberry Pi open platform.
- To apply the concept of Internet of Things in real world scenario.

UNIT I INTRODUCTION TO INTERNET OF THINGS 5

Evolution of Internet of Things – Enabling Technologies – IoT Architectures: one M2M, IoT World Forum (IoT WF) and Alternative IoT Models – Simplified IoT Architecture and Core IoT Functional Stack – Fog, Edge and Cloud in IoT

UNIT II COMPONENTS IN INTERNET OF THINGS 5

Functional Blocks of an IoT Ecosystem – Sensors, Actuators, and Smart Objects – Control Units - Communication modules (Bluetooth, Zigbee, Wifi, GPS, GSM Modules)

UNIT III PROTOCOLS AND TECHNOLOGIES BEHIND IOT 6

IOT Protocols - IPv6, 6LoWPAN, MQTT, CoAP - RFID, Wireless Sensor Networks, Big Data Analytics, Cloud Computing, Embedded Systems.

UNIT IV OPEN PLATFORMS AND PROGRAMMING 7

IOT deployment for Raspberry Pi /Arduino platform-Architecture –Programming – Interfacing –Accessing GPIO Pins – Sending and Receiving Signals Using GPIO Pins – Connecting to the Cloud.

UNIT V IOT APPLICATIONS 7

Business models for the internet of things, Smart city, Smart mobility and transport, Industrial IoT, Smart health, Environment monitoring and surveillance – Home Automation – Smart Agriculture

30 PERIODS**PRACTICAL EXERCISES: 30 PERIODS**

1. Introduction to Arduino platform and programming
2. Interfacing Arduino to Zigbee module
3. Interfacing Arduino to GSM module
4. Interfacing Arduino to Bluetooth Module
5. Introduction to Raspberry PI platform and python programming
6. Interfacing sensors to Raspberry PI
7. Communicate between Arduino and Raspberry PI using any wireless medium
8. Setup a cloud platform to log the data
9. Log Data using Raspberry PI and upload to the cloud platform
10. Design an IOT based system

OUTCOMES:

- CO 1: Explain the concept of IoT.
 CO 2: Understand the communication models and various protocols for IoT.
 CO 3: Design portable IoT using Arduino/Raspberry Pi /open platform
 CO 4: Apply data analytics and use cloud offerings related to IoT.
 CO 5: Analyze applications of IoT in real time scenario.

TOTAL PERIODS:60**TEXTBOOKS**

1. Robert Barton, Patrick Grossetete, David Hanes, Jerome Henry, Gonzalo Salgueiro, “IoT

