



6.5.1 Internal Quality Assurance cell (IQAC) has contributed significantly for instituting the quality assurance strategies and processes

1. Comprehensive Planning for lecturers/ practical Tutorials, List out of Books and Assignments, Content beyond the syllabus, study materials Prepared by the Faculty. As Per suggestion by IQAC, the plan is further streamlined and strengthened every year with incremental improvements by incorporating required components

Lesson plan format: 1

	<b>LESSON PLAN</b>			LP – EC6015
	Sub Code & Name: EC6015 RADAR & NAVIGATIONAL AIDS			LP Rev. No: 00
Unit : 1	Branch : ECE	Semester: VII		Date: 13/05/17
				Page 01 of 06

UNIT 1 INTRODUCTION TO RADAR EQUATION 9

Introduction- Basic Radar –The simple form of the Radar Equation- Radar Block Diagram- Radar Frequencies –Applications of Radar – The Origins of Radar – Detection of Signals in Noise- Receiver Noise and the Signal-to-Noise Ratio-Probability Density Functions- Probabilities of Detection and False Alarm- Integration of Radar Pulses- Radar Cross Section of Targets- Radar cross Section Fluctuations- Transmitter Power-Pulse Repetition Frequency- Antenna Parameters- System losses – Other Radar Equation Considerations.

Session No.	Topics to be covered	Time (minutes)	Teaching Method
1.	Introduction- Basic Radar –The simple form of the Radar Equation- Radar Block Diagram	50	BB
2.	Radar Frequencies –Applications of Radar – The Origins of Radar	50	BB
3.	Detection of Signals in Noise- Receiver Noise and the Signal-to-Noise Ratio	50	BB
4.	Probability Density Functions- Probabilities of Detection and False Alarm	50	BB
5.	Integration of Radar Pulses- Radar Cross Section of Targets-	50	BB
6.	Radar cross Section Fluctuations-	50	BB
7.	Transmitter Power-Pulse Repetition Frequency-	50	BB
8.	- Antenna Parameters- System losses	50	BB
9.	- Other Radar Equation Considerations	50	BB

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	<b>LESSON PLAN</b>		<b>LP – EC6302</b>
	<b>Sub Code &amp; Name: EC6015 RADAR &amp; NAVIGATIONAL AIDS</b>		<b>LP Rev. No: 00</b>
<b>Unit : V</b>		<b>Branch : ECE</b>	<b>Date: 13/05/17</b>
		<b>Semester: VII</b>	<b>Page 05 of 06</b>

## UNIT V SATELLITE NAVIGATION SYSTEM 9

Distance Measuring Equipment – Operation of DME – TACAN – TACAN Equipment – Instrument Landing System – Ground Controlled Approach System – Microwave Landing System (MLS) The Doppler Effect – Beam Configurations – Doppler Frequency Equations – Track Stabilization – Doppler Spectrum – Components of the Doppler Navigation System – Doppler range Equation – Accuracy of Doppler Navigation Systems Inertial Navigation – Principles of Operation – Navigation Over the Earth – Components of an Inertial Navigation System – Earth Coordinate Mechanization – Strapped-Down Systems – Accuracy of Inertial Navigation Systems – The Transit System – Navstar Global Positioning System (GPS)

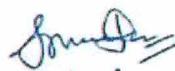
Session No.	Topics to be covered	Time (minutes)	Teaching Method
1	Distance Measuring Equipment – Operation of DME	50	BB/PPT
2	– TACAN – TACAN Equipment – Instrument Landing System	50	BB/PPT
3	Ground Controlled Approach System – Microwave Landing System (MLS)	50	BB/PPT
4	The Doppler Effect – Beam Configurations	50	BB/PPT
5	– Doppler Frequency Equations – Track Stabilization	50	BB
6	Track Stabilization – Doppler Spectrum – Components of the Doppler Navigation System – Doppler range Equation	50	BB
7	Accuracy of Doppler Navigation Systems. Inertial Navigation – Principles of Operation – Navigation Over the Earth	50	BB/PPT
8	Components of an Inertial Navigation System – Earth Coordinate Mechanization – Strapped-Down Systems	50	BB/ICT
9	Accuracy of Inertial Navigation Systems – The Transit System – Navstar Global Positioning System (GPS)	50	BB/ICT

### TEXTBOOKS:

1. Merrill I. Skolnik, "Introduction to Radar Systems", 3rd Edition Tata Mc Graw-Hill 2003.
2. N.S. Nagaraja, "Elements of Electronic Navigation Systems", 2nd Edition, TMH, 2000.

### REFERENCES:

1. Peyton Z. Peebles, "Radar Principles", John Wiley, 2004
2. J.C. Toomay, "Principles of Radar", 2nd Edition – PHI, 2004

  
Prepared by

  
Approved by



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## Updated format of Lesson Plan

MOHAMMED SATHAK A J COLLEGE OF ENGINEERING  
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LESSON PLAN							
Department of <u>Electronics and Communication Engineering</u>							
Name of the Subject	Control System Engineering	Name of the handling Faculty	Mrs S Priyadharshini				
Subject Code	ECR391	Year Sem	II/III				
Acad Year	2021-22	Batch	2021-2020				
Course Objective							
To introduce the components and their representation of control systems							
To learn various methods for analyzing the time response, frequency response and stability of the systems							
To learn the various approach for the state variable analysis							
Course Outcome							
Identify the various control system components and their representations							
Analyze the various time domain parameters.							
Discuss the various frequency response plots and its system							
Apply the concepts of various system stability criterions							
Design various transfer functions of digital control system using state variable models							
Lesson Plan							
Sl. No.	Topic(s)	T/R*	Periods Required	Mode of Teaching (BB / PPT NPTEL / MOOC / etc )	Blooms Level (L1-L6)	CO	PO
		Book					
UNIT I SYSTEMS COMPONENTS AND THEIR REPRESENTATION							
1	Terminology and Basic Structure	T1,R3	1	BB,PPT	L1	CO1	PO1-PO3
2	Feed forward and Feedback control theory	T1,R3	1	BB,PPT	L2	CO4	PO1-PO3
3	Electrical Transfer Function Models	T1,R3	1	BB,PPT	L2	CO1	PO1-PO3
4	Mechanical Transfer Function Models	T1,R3	1	BB,PPT	L2	CO1	PO1-PO3
5	Signal flow graph models	T1,R3	1	BB,PPT	L3	CO1	PO1-PO3
6	Problems of SFG	T1,R3	1	BB,PPT	L2	CO1	PO1-PO3
7	Block diagram Models	T1,R3	1	BB,PPT	L2	CO1	PO1-PO3
8	Problems of Block diagram Models	T1,R3	1	BB,PPT	L2	CO1	PO1-PO3
9	Synchronous -Multivariable control system	T1,R3	1	BB,PPT	L2	CO1	PO1-PO3
Suggested Activity: Assignment / Case Studies / Tuorials/ Quiz / Mini Projects / Model Developed/others Planned if any in-class activity - Problems on block diagram and sfg							
Evaluation method : Assignments on Problems in voltage and current equation of control systems							
UNIT II TIME RESPONSE ANALYSIS							
10	Transient response steady state response	T1	1	BB,PPT	L3	CO2	PO1-PO3
11	Measures of performance of the standard first order	T1	1	BB,PPT	L3	CO2	PO1-PO3
12	Measures of performance of the second order	T1	1	BB,PPT	L3	CO2	PO1-PO3
13	Derivation of second order system of different damping effect on an additional zero and an additional	T1	1	BB,PPT	L3	CO2	PO1-PO3
14	steady state error constant and system	T1	1	BB,PPT	L2	CO2	PO1-PO3
15	type number and problems	T1	1	BB,PPT	L2	CO2	PO1-PO3
16	Time domain specifications	T1	1	BB,PPT	L3	CO2	PO1-PO3,PO4
17	Analytical design for PD, PI, PID controllers	T1	1	BB,PPT	L2	CO2	PO1-PO3,PO4

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<b>Suggested Activity: Assignment / Case Studies / Tuorials/ Quiz / Mini Projects / Model Developed/others Planned if any</b> In-class activity - Solving problems on steady state error problems							
<b>Evaluation method</b> Assignment on Problems in time and frequency parameters							
<b>UNIT III FREQUENCY RESPONSE AND SYSTEM ANALYSIS</b>							
19	Closed loop frequency response	T1	1	BB,PPT	L2	CO3	PO1
20	Frequency response of standard second order system	T1	1	BB,PPT	L2	CO3	PO1
21	Bode Plot concept	T1	1	BB,PPT	L2	CO3	PO1
22	Problems on Bode Plot	T1	1	BB,PPT	L3	CO3	PO1-PO3,PO5
23	Polar Plot concept	T1	1	BB,PPT	L3	CO3	PO1-PO3,PO5
24	Problems on Polar Plot	T1	1	BB,PPT	L3	CO3	PO1-PO3,PO5
25	Design of compensator using Bode plots	T1	1	BB,PPT	L2	CO3	PO1-PO3
26	Cascade lead compensation-Cascade	T1	1	BB,PPT	L2	CO3	PO1-PO3
27	Nyquist plot and problems	T1	1	BB,PPT	L2	CO3	PO1-PO3
<b>Suggested Activity: Assignment / Case Studies / Tuorials/ Quiz / Mini Projects / Model Developed/others Planned if any</b> problems based on bode and polar plot							
<b>Evaluation method</b> Assignment on problems in frequency and phase plots							
<b>UNIT IV CONCEPTS OF STABILITY ANALYSIS</b>							
28	Concept of stability	T1	1	BB,PPT	L2	CO4	PO1-PO3
29	Bounded - Input Bounded - Output	T1	1	BB,PPT	L3	CO4	PO1-PO3
30	stability-Routh stability criterion	T1	1	BB,PPT	L3	CO4	PO1-PO3
31	Relative stability	T1	1	BB,PPT	L2	CO4	PO1-PO3,PO5
32	Root locus concept	T1	1	BB,PPT	L2	CO4	PO1-PO3
33	Guidelines for sketching root locus	T1	1	BB,PPT	L2	CO4	PO1-PO3,PO5
34	Nyquist stability criterion.	T1	1	BB,PPT	L3	CO4	PO1-PO3
35	Problems	T1	1	BB,PPT	L3	CO4	PO1-PO3
36	Problems	T1	1	BB,PPT	L3	CO4	PO1-PO3
<b>Suggested Activity: Assignment / Case Studies / Tuorials/ Quiz / Mini Projects / Model Developed/others Planned if any : Seminar on root locus</b>							
							Present
<b>Evaluation method</b> and explain the concepts of root locus							
<b>UNIT V CONTROL SYSTEM ANALYSIS USING STATE VARIABLE METHODS</b>							
37	State variable representation Conversion of state variable models	T1,R1	1	BB,PPT	L2	CO5	PO1-PO3
38	Conversion of transfer functions to state variable models	T1,R1	1	BB,PPT	L2	CO5	PO1-PO3
39	Solution of state equations	T1,R1	1	BB,PPT	L2	CO5	PO1-PO3
40	Concepts of Controllability	T1,R1	1	BB,PPT	L3	CO5	PO1-PO3
41	Concepts of Observability	T1,R1	1	BB,PPT	L3	CO5	PO1-PO3
42	Equivalence between transfer function and state variable representation	T1,R1	1	BB,PPT	L2	CO5	PO1-PO3
43	State variable analysis of digital control system	T1,R1	1	BB,PPT	L2	CO5	PO1-PO3
44	Digital control design using state feedback	T1,R1	1	BB,PPT	L2	CO5	PO1-PO3
45	Problems	T1,R1	1	BB,PPT	L3	CO5	PO1-PO3
<b>Suggested Activity: Assignment / Case Studies / Tuorials/ Quiz / Mini Projects / Model Developed/others Planned if any</b> problems on controllability and observability							
<b>Evaluation method: Problems</b>							
<b>Content Beyond the Syllabus Planned</b>							
1	Design of compensation networks						
<b>Text Books</b>							
1	TB1. M. Gopal, "Control System - Principles and Design", Tata McGraw Hill, 4th Edition, 2012						
<b>Reference Books</b>							
1	RB1 J Nagrath and M.Gopal, "Control System Engineering", New Age International Publishers, 5th Edition, 2007						
2	RB2 K. Ogata, "Modern Control Engineering", 5th edition, PHI, 2012						

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3	RB3 S.K Bhattacharya, Control System Engineering, 3rd Edition, Pearson, 2013													
4	RB4 Benjamin C Kuo, "Automatic control systems", Prentice Hall of India, 7th Edition, 1995.													
<b>Website / URL References</b>														
1	<a href="https://www.nitrrkl.ac.in/Academics/AcademicDepartments/CurriculaDetails.aspx?id=RUM6RWwY3Ryb25pY3MqYW5kIEVubW11bmljYXJpb24jRW5naW5lZ2">https://www.nitrrkl.ac.in/Academics/AcademicDepartments/CurriculaDetails.aspx?id=RUM6RWwY3Ryb25pY3MqYW5kIEVubW11bmljYXJpb24jRW5naW5lZ2</a>													
2	<a href="http://ngtel.ac.in/course/108102043/">http://ngtel.ac.in/course/108102043/</a>													
<b>Blooms Level</b>														
Level 1 (L1) : Remembering Level 2 (L2) : Understanding Level 3 (L3) : Applying	Lower Order Thinking	Fixed Hour Exams	Level 4 (L4) : Analysing		Higher Order Thinking	Projects / Mini Projects								
			Level 5 (L5) : Evaluating											
			Level 6 (L6) : Creating											
<b>Mapping syllabus with Bloom's Taxonomy LOT and HOT</b>														
Unit No	Unit Name	L1	L2	L3	L4	L5	L6	LOT	HOT	Total				
Unit 1	SYSTEMS COMPONENTS AND THEIR REPRESENTATION	1	7	1	0	0	0	9	0	9				
Unit 2	TIME RESPONSE ANALYSIS	0	3	6	0	0	0	9	0	9				
Unit 3	FREQUENCY RESPONSE AND SYSTEM ANALYSIS	0	6	3	0	0	0	9	0	9				
Unit 4	CONCEPTS OF STABILITY ANALYSIS	0	5	4	0	0	0	9	0	9				
Unit 5	CONTROL SYSTEM ANALYSIS USING STATE VARIABLE METHODS	0	6	3	0	0	0	9	0	9				
<b>Total</b>		1	27	17	0	0	0	45	0	45				
<b>Total Percentage</b>		2.22	60.00	37.78	0.00	0.00	0.00	100.00	0.00	100.00				
<b>CO PO Mapping</b>														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	0	0	0	0	0	0	0	0	0	0	0	0
CO2	3	2	1	0	2	0	0	0	0	0	0	1	0	0
CO3	3	2	1	0	2	0	0	0	0	0	0	1	0	0
CO4	3	2	1	1	1	0	0	0	0	0	0	1	1	0
CO5	2	1	1	0	0	0	0	0	0	0	0	1	1	0
Avg	2.8	1.8	0.8	0.2	1	0	0	0	0	0	0	0.8	0.4	0
<b>Justification for CO-PO mapping</b>														
CO1	High correlation for PO1 and medium correlation for PO2,PO3 is given as the CO2 can be used to apply knowledge of engineering to Identify , formulate and provide solutions													
CO2	High correlation for PO1-PO3 is given as the CO2 can be used to apply knowledge of engineering to Identify , formulate and provide solutions and medium correlation for PO4,PO5 provide solutions by using relevant techniques and tools. no correlation for PSO1 is given. its required for the design of analyze, design and develop solutions.													
CO3	High correlation for PO1-PO3 is given as the CO3 can be used to apply knowledge of engineering to Identify , formulate and provide solutions and medium correlation for PO4,PO5 provide solutions by using relevant techniques and tools.													
CO4	High correlation for PO1-PO5 is given as the CO4 can be used to apply knowledge of engineering to Identify , formulate and provide solutions by using relevant techniques and tools.High Correlation for PO11,PO12 is given as the design of sub systems require project management and life long learning Medium correlation for PSO1 is given. it is required for the design of analyze, design and develop solutions.													
CO5	High correlation for PO1,medium correlation for PO2,PO3 for CO5 can be used to apply knowledge of engineering to Identify , formulate and provide solutions.High Correlation for PO12 is given as the knowledge on new technology and testing techniques require life long learning.Medium correlation for PSO1 is given as filters are required for the design of analyze, design and develop solutions.													
3	High level				2	Moderate level				Low level				
Name & Sign of Faculty Incharge : Mrs.S.Priyadarshini <i>Ompr</i>														
Name & Sign of Subject Expert : <i>M.L.SYEDALI</i> <i>M</i>														
Head of the Department : Mr.M.Kamarajan <i>M</i>														

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**2. Quality improvements:**

**New facilities:**

**Technology Centers**

S.NO	NAME OF THE CENTRE	COURSES / CERTIFICATIONS OFFERED
<b>CSE &amp; IT</b>		
1	BOT Lab & RPA Centre supported by Automation Anywhere	Automation Anywhere Certified Essential RPA Professional Automation Anywhere Certified Advanced RPA Professional Automation Anywhere Certified Master RPA Professional
2	Network Academy supported by CISCO & Palo Alto	Network Essentials & Mobility Fundamentals CCNA: Introduction to Networks CCNA: Switching, Routing, and Wireless Essentials CCNA: Enterprise Networking, Security and Automation Palo Alto Networks Cyber Security Essentials I & II Palo Alto Networks Gateway I & II Palo Alto Networks Cyber Security Foundation
3	Code Thantra - Coding Learning Centre	Python programming Java Course ( Core & Advanced ) C / C++ Programming Data Structures using C
4	AI & ML Centre Approved under AICTE-KARMA Scheme	Artificial Intelligence , ML & DL Hadoop - Big Data Analytics Selenium Testing tool
5	Mobile App & Web Development	Android Mobile Application Development Website Development AWS Certified Cloud Practitioner
6	Centre for Gaming , AR & VR	Gaming using Unity Augmented Reality Fundamentals Virtual Reality Fundamentals
<b>MECH &amp; CIVIL</b>		
1	Centre for 3D Printing and Additive Manufacturing (Approved under AICTE-KARMA Scheme)	3D Rapid Prototype Printing
2	Centre for CAE	Computer Aided Engineering Drawing Computer Aided Design - CATIA Computer Aided Simulation - HyperWorks
3	Center for CAM	Computer Aided Manufacturing- CNC Milling & Turning
4	Centre for Industrial Robotics	Industrial Robotics
5		Revit Architecture

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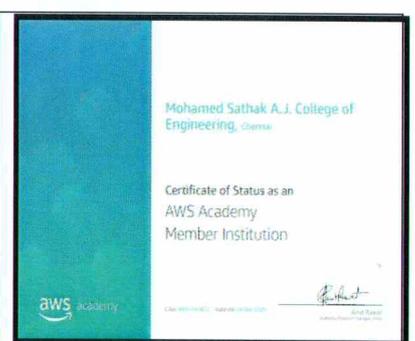
	Centre for Building Information Modeling	STAAD.Pro Software Geographic Information System Primavera & Project Planning Management
6	APJ Abdul Kalam Innovation Centre - Supported by Institute Innovation Council - MOE, Govt. of India	
<b>ECE &amp; EEE</b>		
1	Lab View Academy - Associate with National Instruments	Certified Lab-view Associate Developer(CLAD)
2	Embedded and IOT Centre	Raspberry pi IoT applications Advanced Embedded Design (PIC/ ARM / IoT) Wireless Mobile Network ( GSM / GPS / Blue tooth)
3	E-Yantra Lab - Supported by IIT Bombay	Embedded Systems and Robotics Drone Development
4	Godrej Drisha Skill Development Centre	Hands on Training in Electrical Appliances
5	E - Mobility Centre	Hybrid / Electric Vehicle Engineering.
6	Centre for Solar Systems - Associated with YNY Enterprise Pvt Ltd, Ahamadabed	Solar cell manufacturing
7	Centre for NDT	
8	Computer Hardware & Networking	
9	Centre for UAV/Drone - Supported by Jet Aerospace	



Drone Centre



MoU with Codetantra



AWS Academy Member

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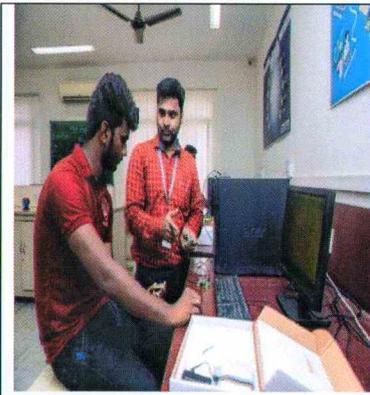
Industrial Robot



BIM Lab



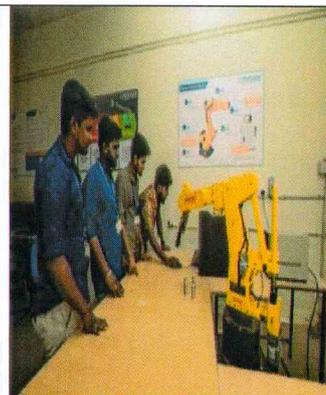
CNC Lab



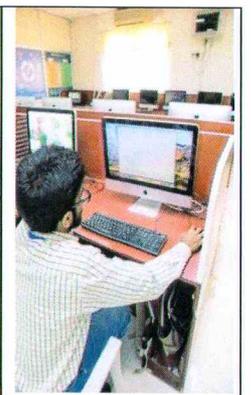
IoT Centre



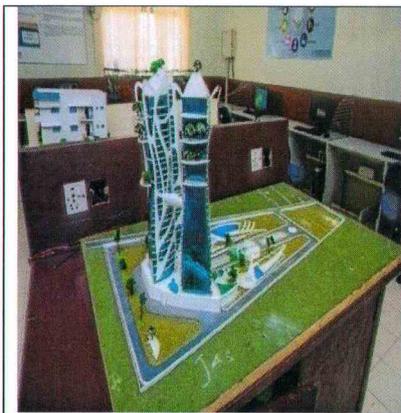
Centre for CAE



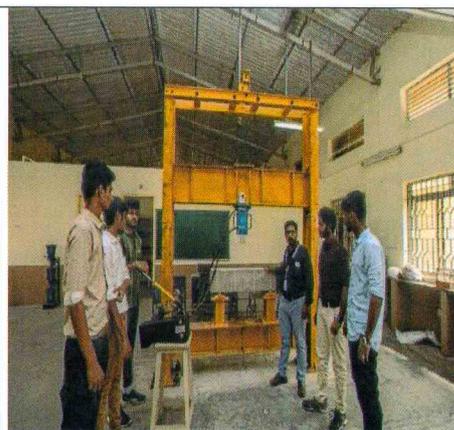
Centre for Ind.  
Robotics



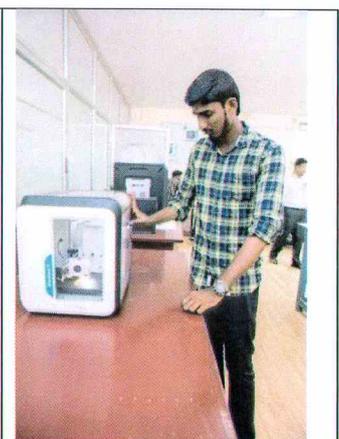
Centre for MAD



Centre for BIM



Structural Engg. Lab



Centre for 3D Printing

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**SPORTS FACILITIES**

SL.No	Name	Building	Floor	Room No	Area (Sq.m)
1	Physical Education	Main Building	Fourth Floor	505	19.7
2	Indoor (Chess & Carrom)	Main Building	Fourth Floor	507	208.5
3	Yoga Class Room	Main Building	Fourth Floor	506	208.5
4	Table Tennis	Main Building	Fourth Floor	507	208.5

**Outdoor Games**

Sl.No	Facilities	Quantity	Capacity/ Area (Sq.m)	Location	Year of Establishment	Usar rate (%)
1	Football	1	9375	Main Building back Side	2006	50
2	Cricket Nets	2	101.6	Main Building back Side	2007	10
3	Volleyball	2	2023	Canteen Back Side	2010	70
4	Kabaddi	1	2023	Canteen Back Side	2010	70
5	Basketball	1	831.6	Main Building back Side	2010	35
6	GYM	1	60.2	Main Building	2016	25

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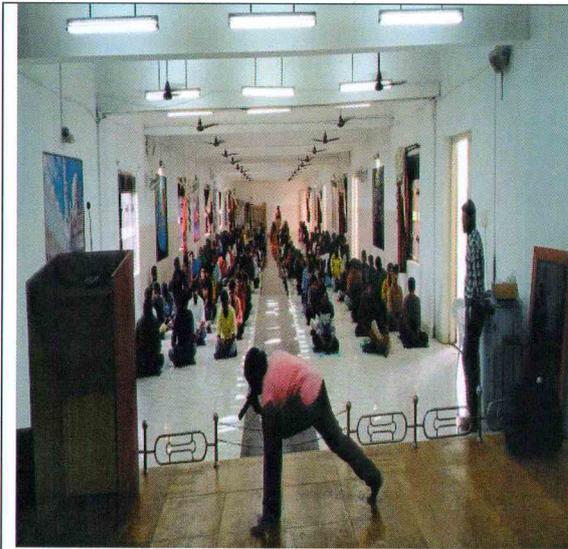
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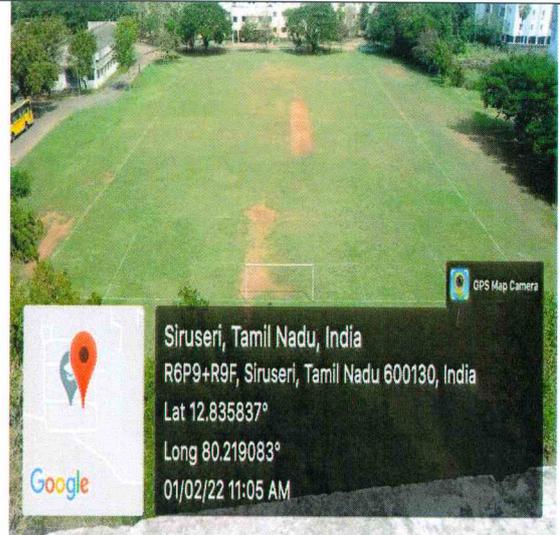
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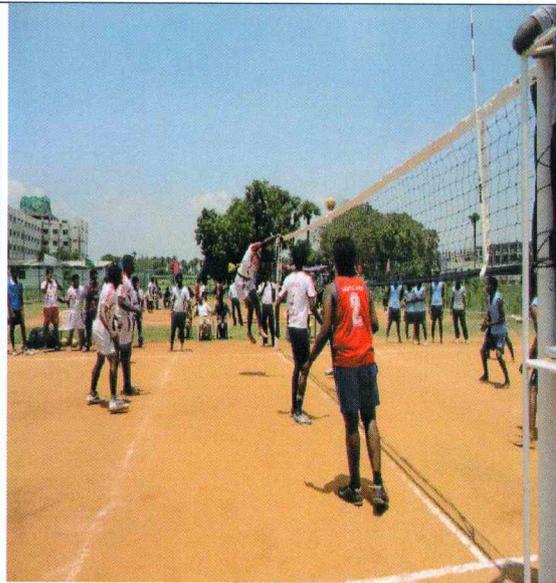
**Sports Facilities Photographs:**



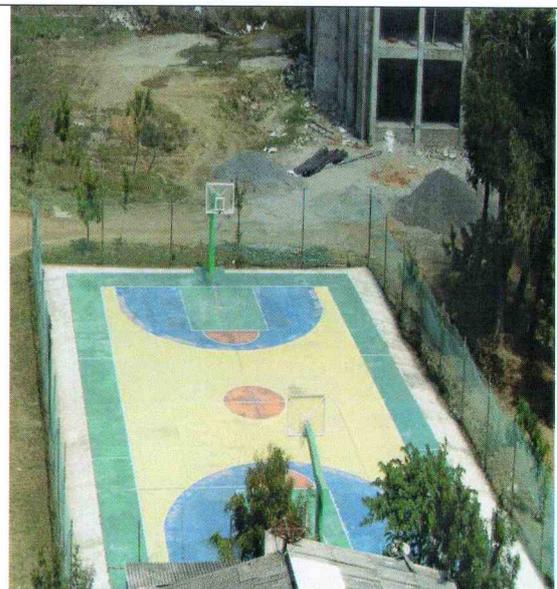
**Yoga Class Room**



**Football Ground**



**Volleyball Ground**



**Basketball Ground**

**PRINCIPAL**  
**MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING**  
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park  
Chennai-603 103.



# MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

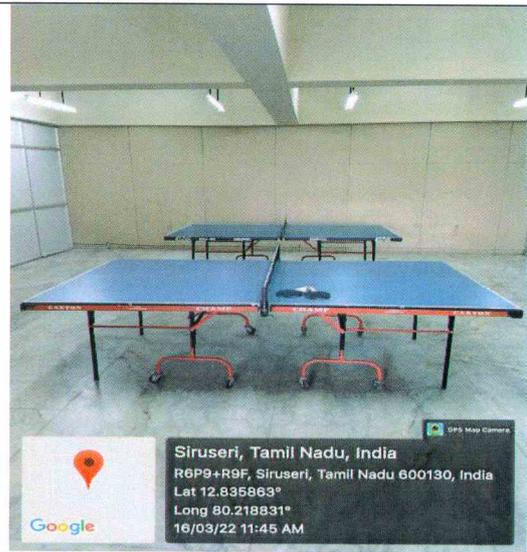
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Siruseri IT Park, Egattur, Chennai - 603 103

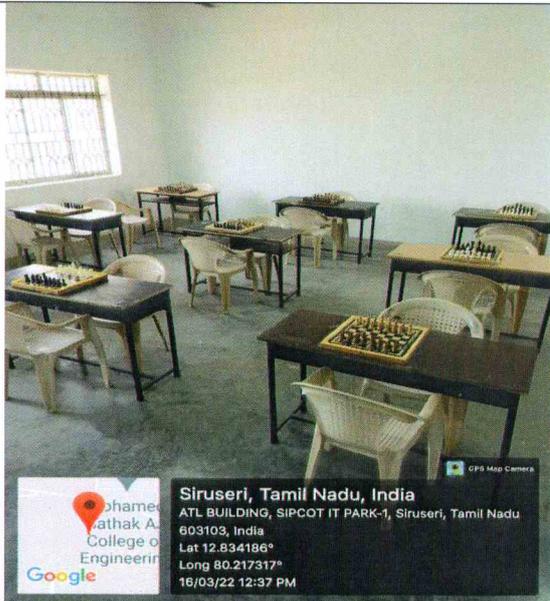


**Kabaddi Ground**



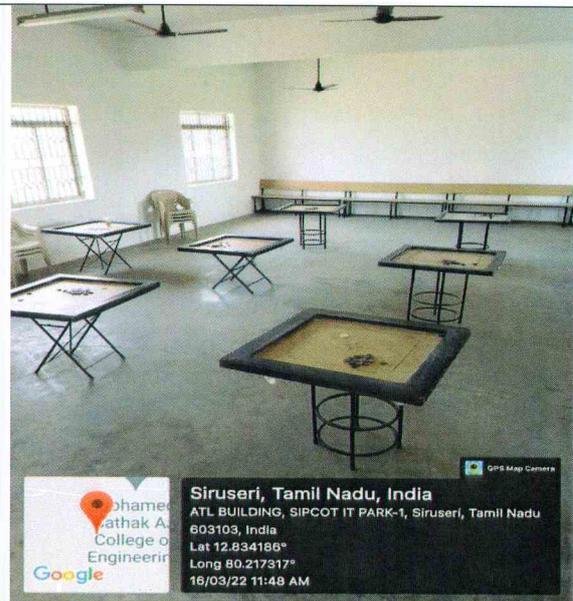
Siruseri, Tamil Nadu, India  
R6P9+R9F, Siruseri, Tamil Nadu 600130, India  
Lat 12.835863°  
Long 80.218831°  
16/03/22 11:45 AM

**Table Tennis Room**



Siruseri, Tamil Nadu, India  
ATL BUILDING, SIPCOT IT PARK-1, Siruseri, Tamil Nadu  
603103, India  
Lat 12.834186°  
Long 80.217317°  
16/03/22 12:37 PM

**Chess Room**



Siruseri, Tamil Nadu, India  
ATL BUILDING, SIPCOT IT PARK-1, Siruseri, Tamil Nadu  
603103, India  
Lat 12.834186°  
Long 80.217317°  
16/03/22 11:48 AM

**Carom Room**

**PRINCIPAL**  
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Chennai-603 103.

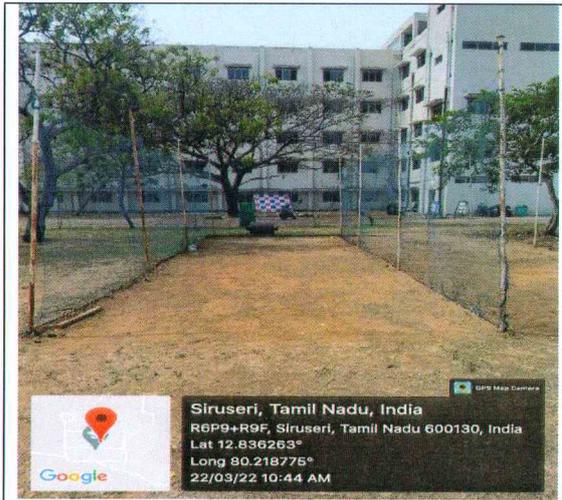


# MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

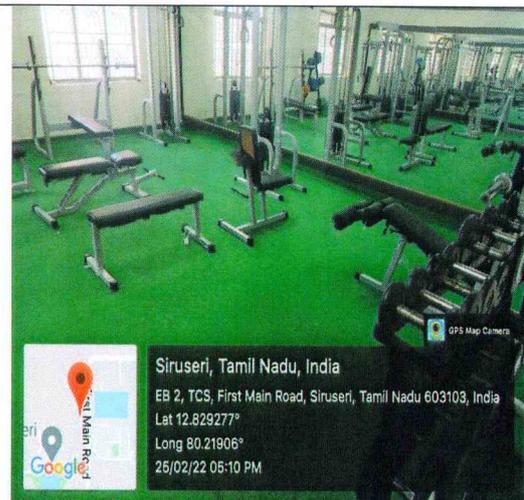
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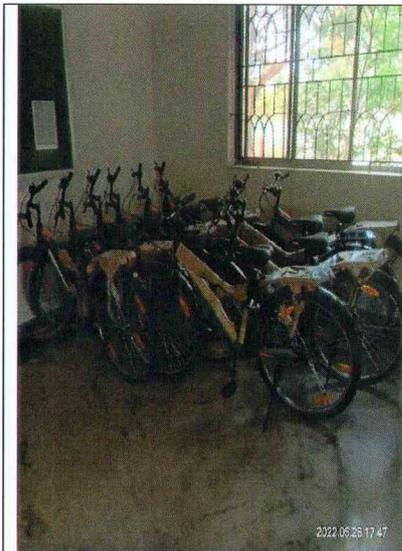


**Cricket Net**



**Gym**

## Other facilities Developed in the college



**Bi-cycles for inside campus access**



**Automatic Snacks Vending Machine**



**Sanitary Napkin Incinerator**

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3. Input from Academic Advisory committee, feedback from all stakeholders, periodic academic audit which helps further improvement of academic performance

### Academic Advisory Committee Discussion

#### Student Development Activities

- Value added Courses
- Skill Development Courses
- Internship
- Placement Training
- Career Guidance
- Industrial Visits

Event	Year	Civil	CSE	IT	ECE	EEE	Mech	H&S
FDP	2019-20	1	1	-	1	1	3	3
	2020-21	2	-	1	2	1	1	2
Webinar	2019-20	-	-	-	1	6	4	1
	2020-21	10	3	6	11	11	16	1
Guest Lecture	2019-20	-	-	-	1	-	6	-
	2020-21	-	-	-	1	2	1	-
Industrial Visit	2019-20	2	3	3	2	1	3	3
Conference	2019-20		1		1		1	1
	2020-21	1		1		1		1
Workshop		3	1	1	2	1	10	-

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Industrial Visit



Academic Awards

**IELTS**  
Test Report Form

ACADEMIC

NOTE: Information on procedures and your personal details should be based on the actual test results and other studies.  
This form is intended for use by the test centre and is not intended to be the language of IELTS test results for external purposes.  
The test centre administrator should be responsible for this Test Report Form. It is not intended for use by the candidate.

Centre Number: IN001      Date: 22/JUL/2018      Candidate Number: 191774

**Candidate Details**

Family Name: [REDACTED]      First Name: [REDACTED]      Candidate ID: [REDACTED]

Date of Birth: 03/05/1998      Sex (M/F): M      Schema Code: Private Candidate

Country or Region of Origin: [REDACTED]

Country of Nationality: INDIA

First Language: TAMIL

**Test Results**

Listening	7.5	Reading	6.5	Writing	6.5	Speaking	6.5	Overall Band Score	6.5	CEFR Level	B2
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Administrator Comments: [REDACTED]

Centre stamp: [Stamp]      Validation stamp: [Stamp]

Administrator's Signature: [Signature]      Date: 13/08/2018      Test Report Form Number: 18PR21756(0456071A)

BRITISH COUNCIL      idp      Cambridge Assessment English

**Higher Studies**  
PRINCIPAL  
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#### 4. Feedback from all stakeholders

- Feedbacks on academic through offline/online are collected from individual students.
- Feedback from parents, industry, alumni and visitors are collected and necessary actions are initiated.

#### 1. STUDENT FEEDBACK ON CURRICULUM - OVERALL ANALYSIS PERCENTAGE OF RESPONSES RUBRICS WISE QUESTION WISE

Q.NO.	Questions	Excellent	Very Good	Good	Fair	Poor
Q1	Rate the sequence of the courses as per the courses studied in the previous semesters	31.3	27.3	36.3	4.5	0.6
Q2	Rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course	22.5	30.4	40.8	5.5	0.8
Q3	Rate the relevance of the units in Syllabus relevant to the course	24.8	27	42.8	4.8	0.6
Q4	Rate the sequence of the units in the course	26.2	28.2	38.3	5.9	1.4
Q5	Rate the allocation of the credits to the courses	27.6	27.6	38.6	5.9	0.3
Q6	Rate the distribution of the contact hours among the course components (Lecture-Tutorial Lectures-Practical)	28.5	27	37.2	5.9	1.4
Q7	Rate the offering of the electives in terms of their relevance to the specialization streams	25.9	26.2	41.4	4.2	2.3
Q8	Rate the electives offered in relation to the Technological advancements	28.7	26.2	36.1	5.6	3.4
Q9	Rate the relevance of the Text Books and reference books by their International recognition to the Courses	25.9	23.9	38.6	6.5	5.1
Q10	Rate the Size of syllabus in terms of the load on the student	23.1	23.7	40.6	10.3	2.3
Q11	Rate the courses in terms of extra learning or self learning considering the design of the courses	28.2	29	36.1	5	1.7
Q12	Rate the courses in terms of sequence of offering considering whether the preceding courses have been covered.	24.5	28.5	40.8	5.6	0.6
Q13	Rate the loading of the courses in a semester	27.3	24.5	41.1	6.3	0.8
Q14	Rate the evaluation scheme designed for each of the course	24.2	25.1	42.9	7	0.8
Q15	Rate the objectives stated for each of the course	27.9	23.7	41.1	5.9	1.4
Q16	Rate competencies expected out of the course	25.4	24.8	42.8	5.9	1.1

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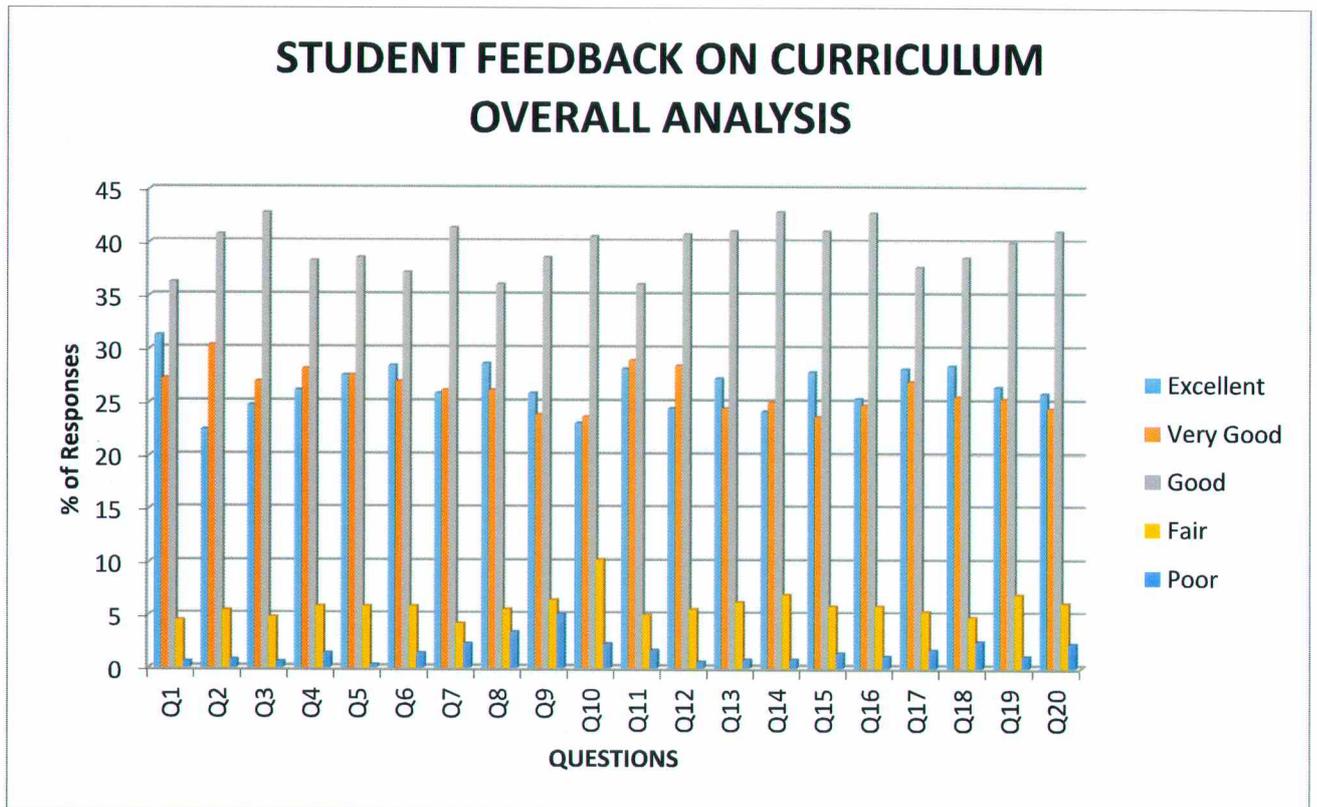
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Q17	Rate the composition of the courses in terms of Basic science, Engineering science, Humanities, Discipline core, discipline elective, open elective, project	28.2	27	37.7	5.4	1.7
Q18	Rate the percentage of courses having LAB components	28.5	25.6	38.6	4.8	2.5
Q19	Rate the domain used for designing the experiments for the LAB components	26.5	25.4	40	7	1.1
Q20	Rate the experiments in relation to the real life Applications	25.9	24.5	41.1	6.2	2.3



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**2. FACULTY FEEDBACK ON CURRICULUM - OVERALL ANALYSIS PERCENTAGE  
OF RESPONSES RUBRICS WISE QUESTION WISE**

Q.NO.	Questions	Excellent	Very Good	Good	Fair	Poor
Q1	The curriculum and Syllabus are well organized and suitable to the program	67.19	25	7.81	0.00	0.00
Q2	Rate the clarity and appropriateness of program outcomes specific to the program	64.06	25	10.94	0.00	0.00
Q3	Rate the sequencing of courses offered in the curriculum	62.5	28.13	9.38	0.00	0.00
Q4	Rate the availability of department library and ICT tools like LCD projectors, software.	46.88	39.06	14.06	0.00	0.00
Q5	Rate effectiveness the system and processes followed by the university for the design and development of curriculum	57.81	31.25	10.94	0.00	0.00
Q6	Rate the distribution of the contact hours among the course components (Lecture-Tutorial Lectures-Practical)	60.94	34.38	4.69	0.00	0.00
Q7	Rate balancing of the theory and practical courses in the curriculum	65.63	26.56	4.69	3.13	0.00
Q8	Rate the courses in curriculum which improve students knowledge and skills through experiential learning	54.69	34.38	9.38	0.00	1.56
Q9	Provision to update and revise curriculum on regular basis	51.56	29.69	14.06	3.13	1.56
Q10	Rate the electives offered in the program encompass technological advancements	54.69	35.94	9.38	0.00	0.00
Q11	Rate the electives offered in the program encompass technological advancements	68.75	21.88	9.38	0.00	0.00
Q12	Rate the activities like industry visits, guest lectures and workshops conducted in the department which encourages students learning of courses in the curriculum	54.69	39.06	4.69	1.56	0.00

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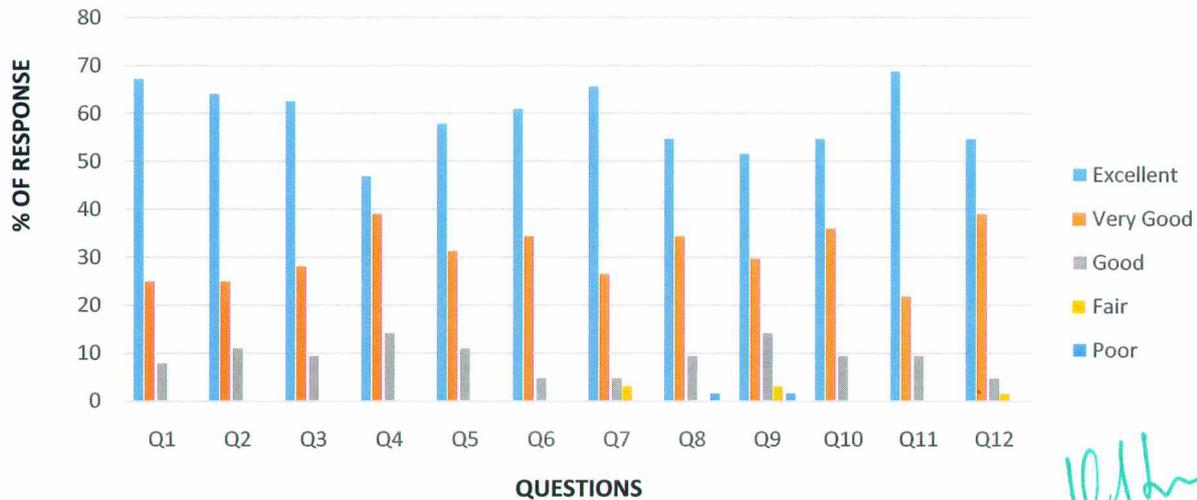
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### FACULTY FEEDBACK ON CURRICULUM OVERALL ANALYSIS



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### 3. ALUMINI FEEDBACK ON CURRICULUM - OVERALL ANALYSIS PERCENTAGE OF RESPONSES RUBRICS WISE QUESTION WISE

PRINCIPAL  
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING  
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#### ALUMINI FEEDBACK ON CURRICULUM - OVERALL ANALYSIS PERCENTAGE OF RESPONSES RUBRICS WISE QUESTION WISE

Q.NO.	Questions	Excellent	Very Good	Good	Fair	Poor
Q1	1. Rate relevance of the courses in curriculum to industry specific needs	33.33	29.63	25.93	3.70	7.41
Q2	2. Rate the courses that you have learnt in relation to your current Job	33.33	25.93	25.93	7.41	7.41
Q3	3. Rate the skills and competencies derived from the courses which enhances employability skills	44.44	18.52	29.63	3.70	3.70
Q4	4. Rate the sequence of the courses in the programs	37.04	25.93	22.22	11.11	3.70
Q5	5. Rate the offering of the courses in relation to the specific domains	29.63	33.33	22.22	11.11	3.70

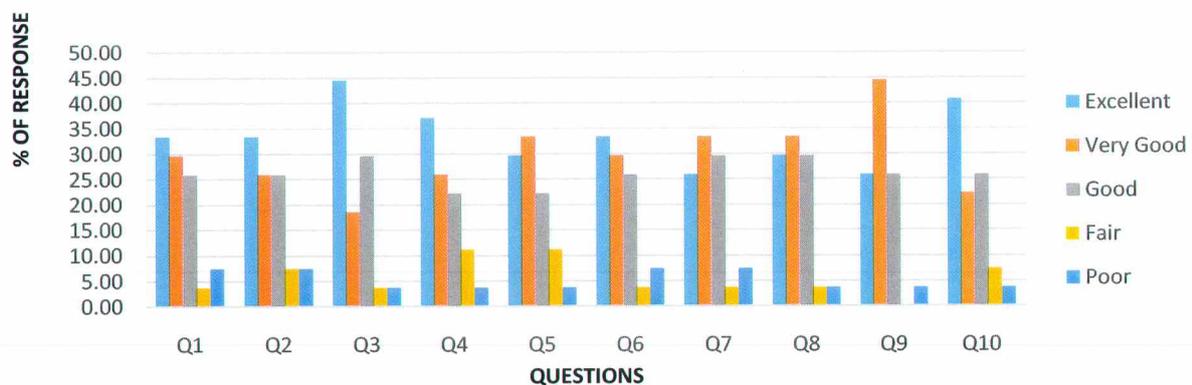


## MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

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Q6	6. Rate the electives selected in curriculum strengthen skills leads to technological developments	33.33	29.63	25.93	3.70	7.41
Q7	7. Rate the courses which are skills oriented suits to the Industry requirements	25.93	33.33	29.63	3.70	7.41
Q8	8. Rate relevance of the tools and software specified in curriculum to excel in job or higher studies	29.63	33.33	29.63	3.70	3.70
Q9	9. Rate the standard of lab experiments for solving industry problems	25.93	44.44	25.93	0.00	3.70
Q10	10. Rate the courses in curriculum which directly helps to design and build real life applications	40.74	22.22	25.93	7.41	3.70

### ALUMINI FEEDBACK ON CURRICULUM OVERALL ANALYSIS



**PRINCIPAL**  
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4. Feedback from Parents:

MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING, Chennai-603103

PARENTS FEEDBACK

Name of the Student	Syed Swalaha
Department Year	ICE / B
Name of the Parent	Asiyah Syed Khatunbasha.
Occupation	Tailor
Mail ID & Contact no	mailkosalihakhatun@gmail.com.
How did you know about this college	Advertisement / Exhibition / Friends / Media / Alumni / Anna University Ranking
Reason for selecting this Institution for your ward to pursue Higher studies	This college is very disciplined and Good teaching standards.
Expectation from the college while choosing the college	Discipline and 100% placement
Perception about the college after joining / finishing the college	Good at academics and best COE
Is the college environment conducive for the overall development of your ward?	Yes / No : if No specify the reason
Your views on career orientation exposure given to your ward?	✓
Is the environment of the college congenial for the students to discuss their problems?	Yes / No : if No specify the reason ✓
Are you comfortable with industry connect provided by the institute to your ward?	Yes / No : if No specify the reason
Comments on the hostel / Transport facilities?	Best hostel and transport facilities.
How would you rate the infrastructural facilities of the College	✓ Excellent/Good/Average
Suggest the area in which improvement is required	All good no improvements
Would you recommend your friend / relatives to admit their wards in this college? If No specify the reason.	I will definitely recommend my friend
Overall Ambience / Rating of the College	100%

Signature of the Parent

Form No. FB-05

Rev. No.: 1.0

Rev. Date : 04.01.21

*(Handwritten signature in green ink)*

**PRINCIPAL**  
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING  
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# MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING

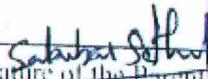
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MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING, Chennai-603103

20/11/22

## PARENTS FEEDBACK

Name of the Student	Mohamed Vazeer
Department Year	LCE IV Yr
Name of the Parent	Sabubazathik
Occupation	Electrician
Mail id & Contact no	Vazeer1611@gmail.com
How did you know about this college	Advertisement / Exhibition / Friends / Media / Alumni / Anna University Ranking
Reason for selecting this Institution for your ward to pursue Higher studies	Good academics and 100% placement and Good CDE
Expectation from the college while choosing the college	Technical skills and Teaching staff & Standard
Perception about the college after joining / finishing the college	Good Results in college
Is the college environment conducive for the overall development of your ward?	Yes / No : if No specify the reason
Your views on career orientation exposure given to your ward?	
Is the environment of the college conducive for the students to flourish their talents?	Yes / No : if No specify the reason
Comments on the hostel / Transport facilities?	<del>Satisfactory</del> I am coming from out bus.
How would you rate the infrastructural facilities of the College	Excellent/Good/Average
Suggest the area in which improvement is required	All good no changes wanted.
Would you recommend your friend / relatives to admit their wards in this college? If No specify the reason.	I will recommend my relatives for this college
Overall Ambience / Rating of the College	98%

  
Signature of the Parent

Form No: FE05

Rev. No.: 1.0

Rev. Date : 04.01.21



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## MOHAMED SATHAK A J COLLEGE OF ENGINEERING , Chennai-603103

### PARENTS FEEDBACK

Name of the Student	Ashwini . A
Department Year	ECE / III
Name of the Parent (Guardian)	Arumugam . H
Occupation	Painter
Mail id & Contact no	arumugam091@gmail.com
How did you know about this college	Advertisement / Exhibition / Friends / Media / Alumni / Anna University Ranking
Reason for selecting this Institution for your ward to pursue Higher studies	Giving best results in academics well disciplined.
Expectation from the college while choosing the college	More sport activities.
Perception about the college after joining finishing the college	To be placed in core company is / my expectation.
Is the college environment conducive for the overall development of your ward?	Yes / No : if No specify the reason
Your views on career orientation exposure given to your ward?	/

Is the environment of the college congenial for the students to discuss their problems?	Yes / No : if No specify the reason
Are you satisfied with the communication from the college regarding the performance of your ward?	Yes / No : if No specify the reason
Are you comfortable with industry connect provided by the institute to your ward?	Yes / No : if No specify the reason
Comments on the hostel / Transport facilities?	I am not com to steller and, I can't no the best transport facility.
How would you rate the infrastructural facilities of the College	Excellent/Good/Average
Suggest the area in which improvement is required	Sports.
Would you recommend your friend / relatives to admit their wards in this college? If No specify the reason.	I will recommend my friends and relatives.
Overall Ambience / Rating of the College	95%

Signature of the Parent

Form No. FE-05

Rev. No.:1.0

Rev. Date : 04.01.21

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## MOHAMED SATHAK A J COLLEGE OF ENGINEERING , Chennai-603103

### PARENTS FEEDBACK

Name of the Student	P. Nadiyah Khan
Department / Year	ECE / III
Name of the Parent	J. Peer Mohamed
Occupation	Aluminium Business
Mail id & Contact no	nadiakhanja74@gmail.com / 8825499312
How did you know about this college	Advertisement / Exhibition / Friends / Media / Alumni / Anna University Ranking (Staff joined me here)
Reason for selecting this Institution for your ward to pursue Higher studies	Good teaching staff and technical skills.
Expectation from the college while choosing the college	Teaching standards
Perception about the college after joining finishing the college	Good Academic results
Is the college environment conducive for the overall development of your ward?	Yes / No : if No specify the reason
Your views on career orientation exposure given to your ward?	✓
Is the environment of the college congenial for the students to discuss their problems?	Yes / No : if No specify the reason
Are you satisfied with the communication from the college regarding the performance of your ward?	Yes / No : if No specify the reason
Are you comfortable with industry connect provided by the institute to your ward?	Yes / No : if No specify the reason
Comments on the hostel / Transport facilities?	Good transport facilities.
How would you rate the infrastructural facilities of the College	✓ Excellent/Good/Average
Suggest the area in which improvement is required	Everything is good.
Would you recommend your friend / relatives to admit their wards in this college? If No specify the reason.	Definitely recommend my friends.
Overall Ambience / Rating of the College	100%.

  
J. Peer Mohamed.  
Signature of the Parent

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Name of the Student	K. Bushraathulla
Department Year	BCE / 21
Name of the Parent	Khalid . M
Occupation	Bakery shop
Mail id & Contact no	bushraathulla17@gmail.com
How did you know about this college	Advertisement / Exhibition / Friends / Media / Alumni / Anna University Ranking / Staff joined here.
Reason for selecting this Institution for your ward to pursue Higher studies	Good teaching faculty and good environment
Expectation from the college while choosing the college	Teaching standards
Perception about the college after joining / finishing the college	Good academic results
Is the college environment conducive for the overall development of your ward?	Yes / No : if No specify the reason
Your views on career orientation exposure given to your ward?	
Is the environment of the college congenial for the students to discuss their problems?	Yes / No : if No specify the reason
Are you satisfied with the communication from the college regarding the performance of your ward?	Yes / No : if No specify the reason
Are you comfortable with industry connect provided by the institute to your ward?	Yes / No : if No specify the reason
Comments on the hostel / Transport facilities?	Good transport but I am coming from
How would you rate the infrastructural facilities of the College	Excellent/Good/Average
Suggest the area in which improvement is required	All things are good.
Would you recommend your friend / relatives to admit their wards in this college? If No specify the reason.	Definitely recommend my friends
Overall Ambience / Rating of the College	80%

Signature of the Parent



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MOHAMED SATHAK A.J COLLEGE OF ENGINEERING , Chennai-603103

PARENTS FEEDBACK

Name of the Student	D. Kamali
Department/ Year	ECE / II
Name of the Parent	Desappan ✓
Occupation	
Mail id & Contact no	8489743050
How did you know about this college	Advertisement / Exhibition / Friends / Media / Alumni / Anna University Ranking / Staff
Reason for selecting this Institution for your ward to pursue Higher studies	Good teaching faculty & Good environment
Expectation from the college while choosing the college	Good Study
Perception about the college after joining finishing the college	Good Academic Results
Is the college environment conducive for the overall development of your ward?	Yes / No : if No specify the reason
Your views on career orientation exposure given to your ward?	
Is the environment of the college congenial for the students to discuss their problems?	Yes / No : if No specify the reason
Are you satisfied with the communication from the college regarding the performance of your ward?	Yes / No : if No specify the reason
Are you comfortable with industry connect provided by the institute to your ward?	Yes / No : if No specify the reason
Comments on the hostel / Transport facilities?	Good Transport
How would you rate the infrastructural facilities of the College	Excellent/Good/Average
Suggest the area in which improvement is required	Satisfied
Would you recommend your friend / relatives to admit their wards in this college? If No specify the reason.	will Recommend to my friends & Relatives
Overall Ambience / Rating of the College	80 %

Signature of the Parent



## MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,  
New Delhi and affiliated to Anna University, Chennai)  
Siruseri IT Park, Egattur, Chennai - 603 103

### Sample Feedback from Employers

EMPLOYER NAME	Lucas tvs	WISETECH SOURCE
HUMAN RESOURCE MANAGER NAME	Sample	RUPINI G K
DESIGNATION	Hr	SENIOR MANAGER- TALENT ACQUISITION
MAIL ID		rupini.gk@wisetechsource.com
ADDRESS AND CONTACT DETAILS	Sipcot	NSIC – STP Complex, No – 107, B-24, Ekkaduthangal Chennai - 32
1. Rate the sufficiency of the courses in program curriculum directly linked to the industry skill sets	Excellent	Very Good
2. Rate relevance of the courses in the program curriculum with industry requirements	Excellent	Very Good
3. Rate technical competencies enhanced through courses in curriculum	Excellent	Very Good
4. Rate the offering of the major courses in relation to specific domains	Excellent	Very Good
5. Rate the offering of the electives as par with technological advancements	Excellent	Very Good
6. Rate skills-oriented courses in the curriculum cater to the Industry needs	Very Good	Very Good
7. Rate the relevance of the topics in the courses to the Industry	Excellent	Very Good
8. Rate the application of tools and software in curriculum helps for existing practices in the Industry	Excellent	Very Good
9. Rate the hands-on training in labs and workshops embed in the syllabus helps in solving industry problems	Very Good	Very Good
10. Rate the project works in curriculum enhances students to build real-life applications	Excellent	Good
Suggestions for Improvement	Good	As a Industry we need grip from the college and as well as from students to provide them training and Internship before hiring ..

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Chennai-603 103.



### Overall suggestions from the Stakeholders:

1. Increase the Number of Internship for students.
2. Improve the Lab facilities.
3. Need additional facilities and Infrastructure maintenance.
4. Need Application Oriented Teaching with practical training in Industries.

### Feedback on facilities

1. **Infrastructure** - Class rooms / Laboratories / Internet facilities - The Class committee meetings are held 3 times a semester, students provide feedback on any issues related to classrooms, laboratory equipment, maintenance, transport etc. which is passed on to the authorities concerned and rectified.
2. **Library**- Library committee meetings are held once in a semester where faculty and students provide feedback on the adequacy of titles and volumes of books and e-learning facilities. Appropriate corrective actions are taken to rectify deficiencies whenever pointed out.
3. **Housekeeping**- Students and faculty provide feedback on various aspects of housekeeping at class committee meetings and other occasions like department meetings, HOD meetings which are passed on to the maintenance department and problems are sorted out.
4. **Transport**- Any issues related to adequacy and punctuality of buses that are brought forth by students / faculties are passed on to the transport department and corrections are made.
5. **Hostel**- Hostel committee meetings are held at department level where hostellers raise problems, if any, related to hostels. Also HODs, teaching and non-teaching staff visit hostels on a daily basis and provide feedback on the food and other maintenance related issues, if any. They are brought to the notice of the wardens and maintenance department and rectified immediately. Anti-ragging squads consisting of teaching staff visit all hostels every evening and interact with students to acquaint themselves of any issue. If any complaints are received, they are immediately addressed.
6. **Others**- Any issues related to Canteen, ATM facilities, medical facilities etc. when reported to faculty or Principal, are solved immediately. In addition, feedback is collected from Alumni during Alumni meet and annual general body meetings on all the above areas. Feedback analysis is done and corrective actions are taken.

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<b>.Feedback collection process</b>	<b>Description</b>
Feedback collected on all facilities provided by the department.	Yes
Feedback collection process	Online & Offline
Frequency of feedback collection	Every Semester
Metrics used for calculation	5-Excellent ,4-very good ,3-good 2-satisfactory ,1-below average
Purpose of comments	For improving the quality of facilities.

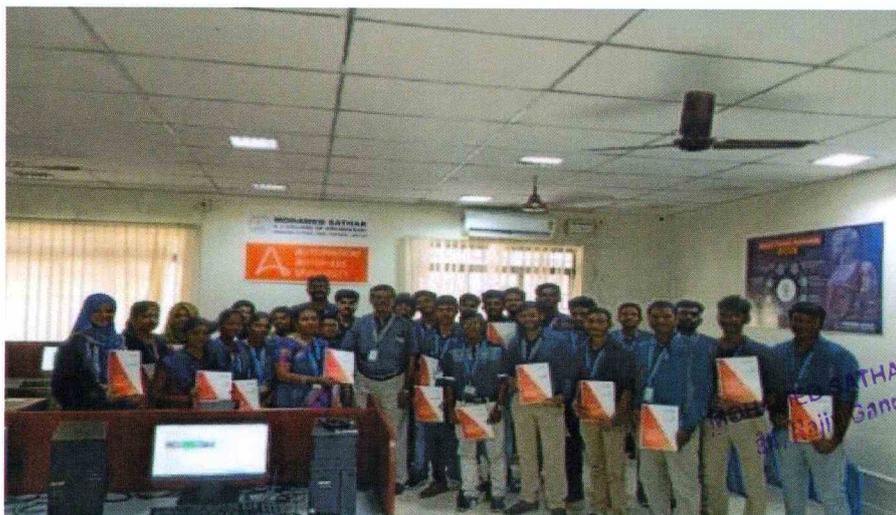
## 5.Teaching Learning Process – Curriculum Enrichment Measures

- Activity Based Learning
- Self-Learning
- Competitive Based Learning
- Industry Based Learning
- Innovation Based Learning

### Activity Based Learning

- Value Added Course
- Skill development courses in Technology Centres
- Hands On training in Labs
- Projects/ Mini Projects/ Case studies / Field Visits

### RPA Certification

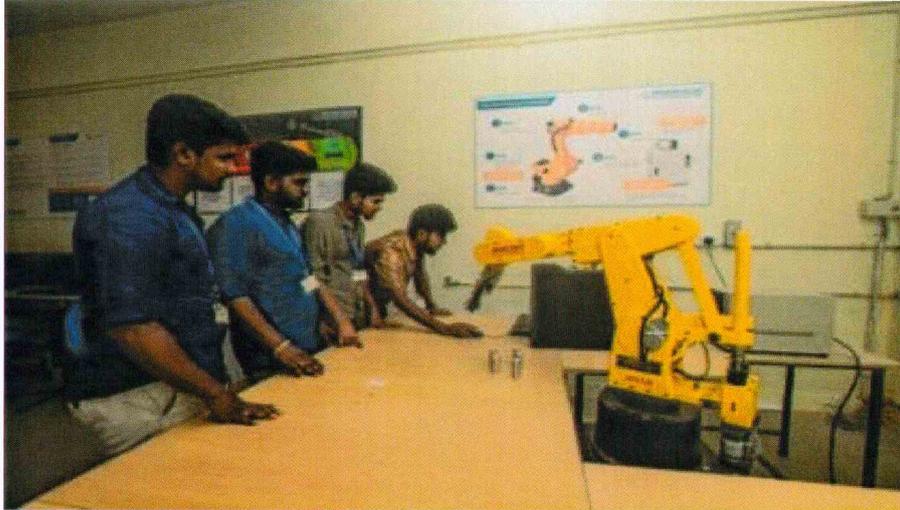


*Handwritten signature in blue ink.*

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**Industrial Robot**



1. 3D Infrastructure Modeling
2. Introduction to Multi body Dynamics

Anna University Syllabus

1. Electric Vehicles
2. IoT using Arduino
3. Advanced Python and Introduction to Machine Learning

**Activity Based Learning - Skill Up-gradation Courses from 2021-22**

Branch	Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7
CIVIL	PYTHON PROGRAMMING	MOBILE APP – WEB DEVELOPMENT	CAD - 2D & 3D MODELLING	3D PRINTING	REVIT ARCHITECTURE	STAAD PRO	QGIS
MECH		COMPUTER AIDED ENGG DRAWING - GD & T	COMPUTER AIDED MODELLING & FUSION 360	E- VEHICLE	COMPUTER AIDED DESIGN & ASSEMBLY CATIA	MULTI BODY DYNAMICS	HYPER MESH - STRUCTURAL ANALYSIS / THERMAL ANALYSIS / HVAC

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					DEVELOPME NT	MANUFACTURI NG	
CSE & IT	C PROGRAMMING	Data Structures	JAVA Programming & Angular JS	RPA / AI & ML	AWS / DEEP LEARNING	CYBER SECURITY / AR & VR	
							CCNA
ECE		JAVA Programming	CCNA	RPA	GODREJ SKILL DEVELOPMENT	EMBEDDED & IOT /	
		C# and .NET	LAB VIEW	E-Yantra	DRONE TECHNOLOGY	CYBER SECURITY	
EEE		JAVA Programming	PCB Design	RPA	GODREJ SKILL DEVELOPMENT	E - MOBILITY	
		Electrical CAD	LAB VIEW	EMBEDDED & IOT	DRONE TECHNOLOGY		

### Self-Learning

- Assignments / Tutorials
- Seminars
- Online Courses – NPTEL, MOOC, SWAYAM etc

S.No	Dept.	No. of Online Courses completed	Total
1	CIVIL	148	148
2	CSE & IT	429	429
3	EEE	105	105
4	ECE	92	92
5	MECH	401	401
		<b>TOTAL</b>	<b>1175</b>

  
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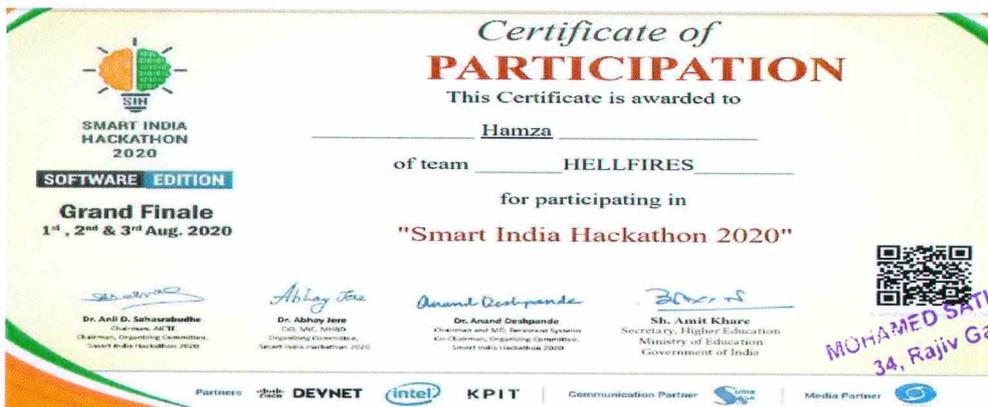
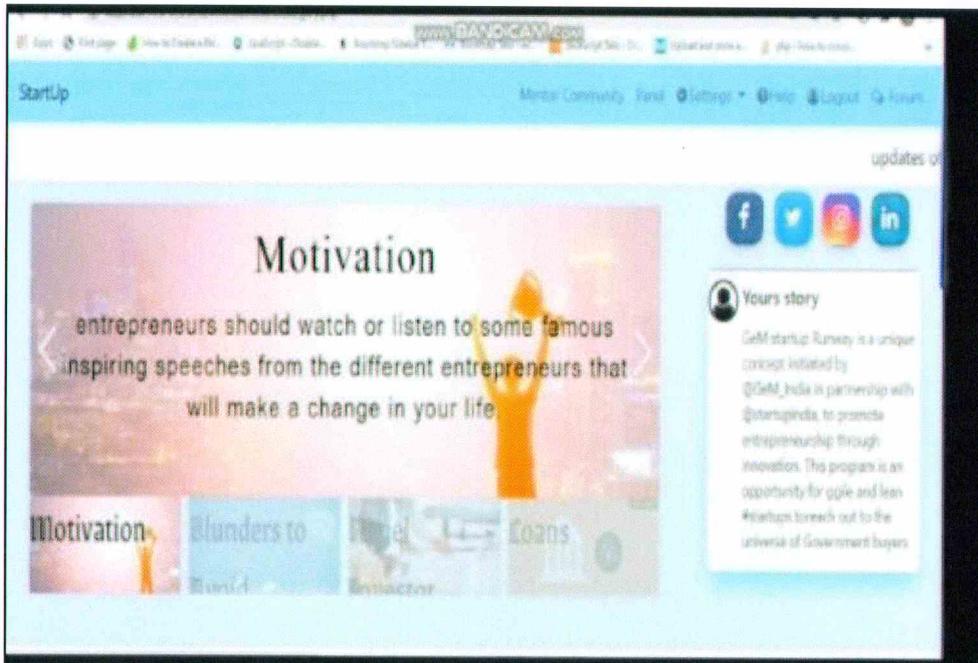
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## Competitive Based Learning

- Industrial Competitions & Hackathon
- Competitions conducted by IIC, IITs/ ISRO / C-DAC
- Competitions conducted by Academic Institutions



*[Handwritten Signature]*  
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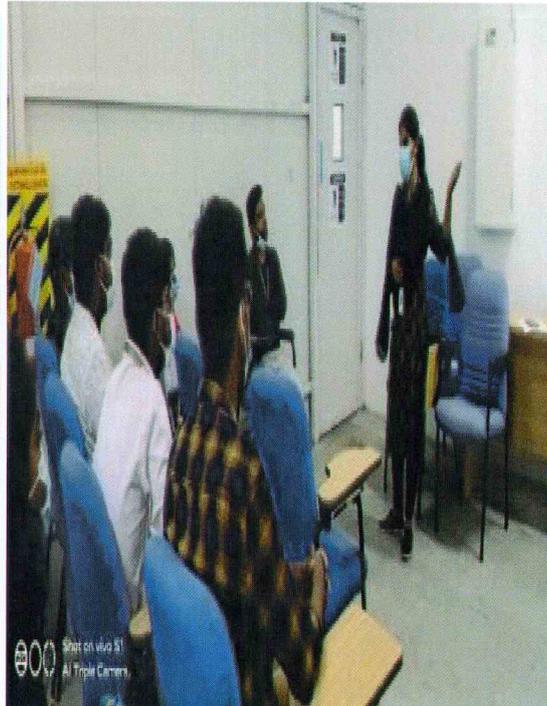
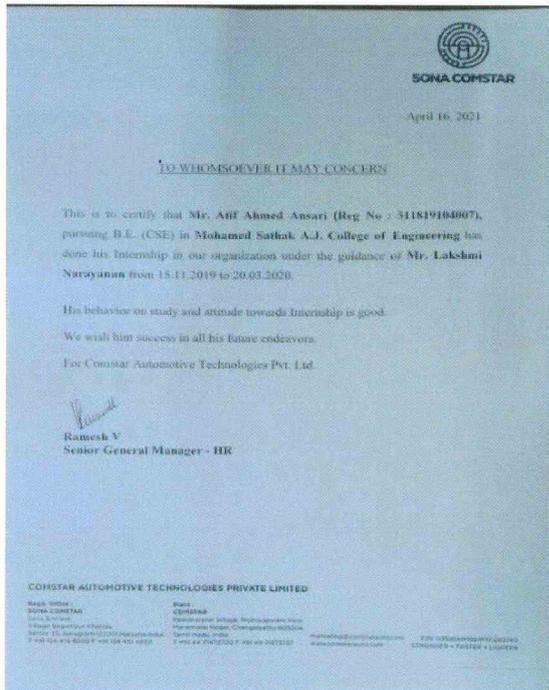
### Competitions Participated - 2020

Sl No	Event Name	Organized By	No of Teams Participated	No of Teams Selected From MSAJCE	Fund Received	Position
1	Smart India Hackathon 2020	MHRD & AICTE	489	01/01	Nil	Participated in Final
2	IITB-ISRO-AICTE Mapathon	IIT Bombay, AICTE and ISRO	5228	01/01	Nil	Winner from top 100
3	SWADESHI Microprocessor Challenge 2020	IIT Madras & C-DAC	6000	01/01	<b>1,00,000</b> <b>For Implementing POC</b>	Top 100
4	IIC National Innovation Contest	Initiative of MHRD Innovation Unit	9989	01/05	Nil	Selected to Finals
5	Instinct Hackathon 2021	INSTINCT-IntelliSmart's Innovation Challenge and Hackathon	NA	01/02	Nil	Shortlisted for Second Round
6	E-Yantra TBT Competition 2020-21	IIT-Bombay	233	01/01	Nil	Eligible to setup lab

### Industry Based Learning

- Internship
- Industry Visits
- Industry Projects
- Industrial Training
- GL, Workshop & Expert Talk by Industry Personalities

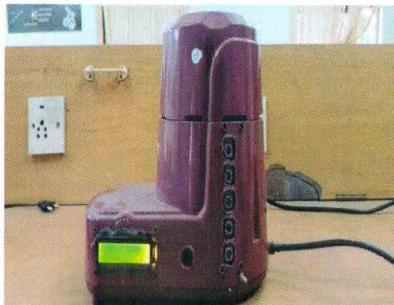
  
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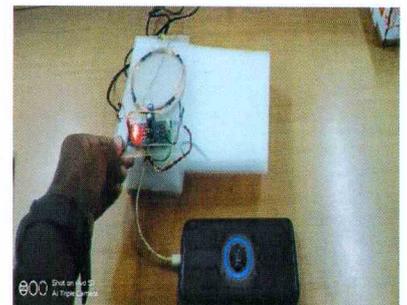
## Innovation Based Learning



**IoT controlled Mixer charger**



**Digital Mixer**

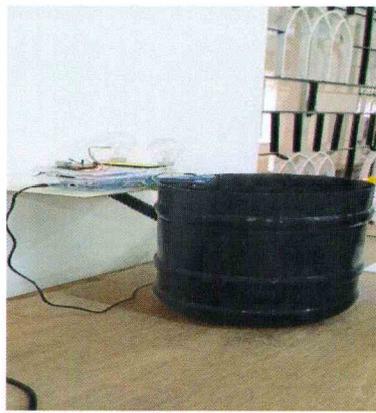


**Wireless**



**Disinfectior**

**Smart Water Management System**



**UV based**

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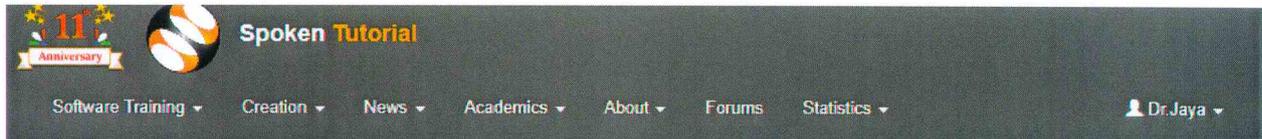


## 6. Equitable Access to and affordability of academic programs of various professional society

1.Spoken tutorial

2.NPTEL

1.Spoken tutorial



### Semester Training Planner Summary (STPS)

[Dashboard](#)

[? Instructions](#)

**STEP 1** : Upload students Master Batch Student List :

[MB Master Batch Student List](#)

**STEP 2** : Complete the STPF :

[STPF – Semester Training Planner Form](#)

**STEP 3** : Select Participant List :

[Select Participant List](#)

## Mohamed Sathak A.J College of Engineering, Chennai

January - June, 2022 (Current Semester)

Ongoing : 4 completed : 0

#	Semester Start Date	Software Course	Department	Batch Year	Participant List Status
1	Feb. 21, 2022	Python - Python 3.4.3	Electronics and Communication Engineering	2021	(35 / 35)
2	Feb. 21, 2022	Arduino	Electronics and Communication Engineering	2019	(22 / 22)
3	Feb. 21, 2022	LaTeX	Electronics and Communication Engineering	2018	(5 / 5)
4	Feb. 22, 2022	eSim	Electronics and Communication Engineering	2020	(32 / 32)

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2. Nptel

Department	Name	Course ID	Course name
Mechanical	Janarthanan B	noc21_hs103	Patent Search for Engineers and Lawyers
Civil	B. RIZHA UR RAHMAN	noc21_mg70	Entrepreneurship
ECE	E.JAYANTHI	noc21_ge22	Accreditation and Outcome based Learning
Mechanical	Janarthanan B	noc21_ge22	Accreditation and Outcome based Learning
ECE	I.Manju	noc21_ge22	Accreditation and Outcome based Learning
ECE	Dr.E.Dhiravidachelvi	noc21_ge22	Accreditation and Outcome based Learning
ECE	sonadevi	noc21_ge22	Accreditation and Outcome based Learning
ECE	K S Srinivasan	noc21_ge22	Accreditation and Outcome based Learning
ECE	Dr.E.Dhiravidachelvi	noc21_ce78	Digital Image Processing
ECE	S.PIRIYADHARSHINI	noc21_ee78	Digital Image Processing
ECE	I.S.SUGANTHI	noc21_ee78	Digital Image Processing
Mechanical	Janarthanan B	noc21_hs69	Managing Intellectual Property in Universities
Mechanical	Janarthanan B	noc21_ee112	Electric Vehicles and Renewable Energy
ECE	E.JAYANTHI	noc21_ee102	Signal Processing for mm Wave communication for 5G and beyond
Civil	K.Gayathri	noc21_ce42	Design Of Reinforced Concrete Structures
Civil	B. Sarangan	noc21_ce42	Design Of Reinforced Concrete Structures
Civil	B. Sarangan	noc21_ce50	Project Planning & Control
ECE	sonadevi	noc21_ee83	Electromagnetic Theory
ECE	Dr.E.Dhiravidachelvi	noc21_ee83	Electromagnetic Theory
ECE	S.PIRIYADHARSHINI	noc21_ee83	Electromagnetic Theory
ECE	Dr.E.Dhiravidachelvi	noc21_ee88	Microwave Engineering
ECE	sonadevi	noc21_ee72	Microwave Theory and Techniques
ECE	Dr.E.Dhiravidachelvi	noc21_ee72	Microwave Theory and Techniques
Mechanical	Janarthanan B	noc21_mg53	Design Thinking - A Primer
Mechanical	Janarthanan B	noc21_mg63	Innovation, Business Models and Entrepreneurship
ECE	Dr.E.Dhiravidachelvi	noc21_ee82	Applied Electromagnetics For Engineers

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ECE	E.JAYANTHI	noc21_hs70	Patent Drafting for Beginners
EEE	Chintala Venkatesh	noc21_hs70	Patent Drafting for Beginners
Mechanical	Janarthanan B	noc21_hs70	Patent Drafting for Beginners
ECE	S.PIRIYADHARSHINI	noc21_ee80	Semiconductor Devices and Circuits
EEE	Chintala Venkatesh	noc21_hs71	Patent Law for Engineers and Scientists
ECE	E.JAYANTHI	noc21_ee100	Image Signal Processing
CSE	G.Premalatha	noc21_cs85	Introduction to Machine Learning - IITKGP
Civil	K.Gayathri	noc21_ce38	Strength Of Materials
ECE	E.JAYANTHI	noc21_ee85	Design for internet of things
ECE	I.Manju	noc21_ee97	System Design Through VERILOG
EEE	K S Srinivasan	noc21_ee97	System Design Through VERILOG



# Elite

## NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



**TOPPER**

This certificate is awarded to  
**B JANARTHANAN**  
for successfully completing the course  
**Design Thinking - A Primer**  
with a consolidated score of **92** %

Online Assignments	23.33/25	Proctored Exam	68.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **667**

*Devendra Jalihal*  
**Prof. Devendra Jalihal**  
Chairman  
Centre for Continuing Education, IITM

**Jul-Aug 2021**  
**(4 week course)**

*Prof. Andrew Thangaraj*  
**Prof. Andrew Thangaraj**  
NPTEL, Coordinator  
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL21MG53523302575

To validate and check scores: <https://nptel.ac.in/noc>

*Handwritten signature*

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Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**B JANARTHANAN**

for successfully completing the course



**Accreditation and Outcome Based Learning**

with a consolidated score of **87** %

Online Assignments	22.92/25	Proctored Exam	64.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **672**

**Prof. G P Raja Sekhar**  
Dean, Continuing Education  
IIT Kharagpur

Jul-Sep 2021  
(8 week course)

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL21GE22S13301330

To validate and check scores: <https://nptel.ac.in/noc>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to

**DR.E.DHIRAVIDACHELVI**

for passing the course

**Antennas**

with Score\* **80** %



Jan-Apr 2020  
(12 week course)

  
**Prof. Sridhar Iyer**  
Head, DEEP & NPTEL, Coordinator  
IIT Bombay

Indian Institute of Technology Bombay



\*Continuous online assessment score

To validate and check scores: <https://nptel.ac.in/noc>

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Elite

# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PIRIYADHARSHINI S**  
for successfully completing the course

## Introduction to Internet of Things

with a consolidated score of **60** %

Online Assignments	22.31/25	Proctored Exam	37.74/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 7675

A. Goswami

Jul-Oct 2019  
(12 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS65561210362

To validate and check scores: <https://nptel.ac.in/noc>



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to  
**PIRIYADHARSHINI S**  
for passing the course

## Computer Networks and Internet Protocol

with Score\* **87** %



A. Goswami

Jan-Apr 2020  
(12 week course)

Prof. Adrijit Goswami  
Dean, Continuing Education & NPTEL Coordinator  
IIT Kharagpur



Indian Institute of Technology Kharagpur



\*Continuous online assessment score

To validate and check scores: <https://nptel.ac.in/noc>

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Chennai-603 103.



## Professional Society Membership



HOD ECE <ecehod@msajce-edu.in>

### IETE-STUDENTS MEMBERSHIP-REGD

5 messages

Mrs. Sonadevi <ece.sonadevi@msajce-edu.in>  
To: iete.membership@gmail.com, membership@iete.org, HOD ECE <ecehod@msajce-edu.in>

Tue, Mar 29, 2022 at 1:13 PM

Dear Sir/Mam,  
I, Ms S. Sonadevi, Assistant professor, ECE Dept, Mohamed Sathak A J College of Engineering, Chennai, am an Coordinator of IETE in our college. I hereby attached the name list of the students of our department who are interested for joining the IETE Club. Thank you.  
With Regards,  
S. SONADEVI, AP/ECE  
Mohamed Sathak A J College of Engineering  
Chennai

 ISF-matrix format-HQ-LATEST.xlsx  
736K

Mrs. Sonadevi <ece.sonadevi@msajce-edu.in>  
To: HOD ECE <ecehod@msajce-edu.in>

Tue, Mar 29, 2022 at 4:40 PM

----- Forwarded message -----  
From: INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS ---- <ietechennai@gmail.com>  
Date: Tue, Mar 29, 2022 at 4:26 PM  
Subject: Re: IETE-STUDENTS MEMBERSHIP-REGD  
To: Mrs. Sonadevi <ece.sonadevi@msajce-edu.in>

----- Forwarded message -----  
From: INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS ---- <ietechennai@gmail.com>  
Date: Tue, Mar 29, 2022 at 4:26 PM  
Subject: Re: IETE-STUDENTS MEMBERSHIP-REGD  
To: Mrs. Sonadevi <ece.sonadevi@msajce-edu.in>

Thank you for your email and information madam.

With regards

IETE Chennai Centre

On Tue, Mar 29, 2022 at 3:48 PM Mrs. Sonadevi <ece.sonadevi@msajce-edu.in> wrote:  
[Quoted text hidden]

Mrs. Sonadevi <ece.sonadevi@msajce-edu.in>  
To: INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS ---- <ietechennai@gmail.com>, HOD ECE <ecehod@msajce-edu.in>

Wed, Apr 6, 2022 at 3:30 PM

----- Forwarded message -----  
From: Mrs. Sonadevi <ece.sonadevi@msajce-edu.in>  
Date: Wed, Apr 6, 2022 at 3:29 PM  
Subject: Re: IETE-STUDENTS MEMBERSHIP-REGD  
To: INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS ---- <ietechennai@gmail.com>

Dear Sir,  
With Reference to your mail sent yesterday, I have attached the list of students and payment details  
Thank you

With regards,  
S. Sonadevi,  
AP/Ece

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Chennai-603 103.



## 6. Developing the system for quality parameters to attain various Accreditation and Institutional Ranking Process

### 1. ARIIA



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### 2.IIC



### Industry Collaborations

1. Lenovo
2. Automation Anywhere
3. Philips
4. Gowatr
5. Sertel

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## 1.Lenovo

5/28/2022

Mohamed Sathak A.J. College Of Engineering Mail - Fwd: [External] Internship / Inplant training request reg



Mr.M. Kamarajan <ece.kamarajan@msajce-edu.in>

### Fwd: [External] Internship / Inplant training request reg

2 messages

Manju I <ece.manju@msajce-edu.in>  
To: "Mr.M. Kamarajan" <ece.kamarajan@msajce-edu.in>

Sat, May 28, 2022 at 1:16 PM

Regards,  
**Dr. I.Manju**  
Head- Industrial Relations.  
Head- Technology Centres.  
Prof -EEE.  
MSAJCE.  
9940055026 // ece.manju@msajce-edu.in  
headir@msajce-edu.in

----- Forwarded message -----

From: **HRPondyTeam** <hrpondyteam@lenovo.com>  
Date: Fri, Dec 6, 2019 at 9:24 AM  
Subject: RE: [External] Internship / Inplant training request reg  
To: Manju I <ece.manju@msajce-edu.in>

Sir

With reference to our discussion regarding **In-Plant Training** for the month **DEC-2019**, we are proud to say that we providing **Industrial Institute Interface** for a decade.

In **LENOVO** we produce PC in various model and we expanding our network with combining the institutes to have a exposure on end to end in technical ground & in recent technology adaptations.

1. Providing **Class Room Training** to the students with all functional stages.
2. In shop-floor, revise activity will followed in different stages on **Assembling, Testing, Quality & FG** functions to have practical exposure.
3. Providing a systematic process from time office function & discussion with line leader (MOP).
4. Providing canteen facility with south Indian meal at subsidiary cost **Rs.8**
5. Considering the In-Plant Training, we providing **MW as Rs.192 per day & appreciated by giving IPT certificate.**

The date scheduled for **Class room training** on **09.12.2019 (Monday) to 31.12.2019** so kindly instruct the students to be at **8:45AM** in our factory premises.

Note: Request to share name list of students in authorized bona-fide of the institute & kindly instruct them to bring their **bank passbook & Aadhar** Xerox copy for payment process same day of On-Job training.

https://mail.google.com/mail/u/2/?ik=d911b21c71&view=pt&search=all&permthid=thread-f%3A1734055288819990770&simpl=msg-f%3A1734055288... 1/2

**PRINCIPAL**  
**MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING**  
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park  
Chennai-603 103.



# MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

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Siruseri IT Park, Egattur, Chennai - 603 103

5/28/2022

Mohamed Sathak A.J. College Of Engineering Mail - Fwd: [External] Internship / Inplant training request reg

Thanks & Regards

Arun

HR Team

(+91) 9003548275

Lenovo (India) Private Limited

RS 19/1A, 2A Edayarpalayam Village

Pondicherry - 605 007

**From:** Manju I <[ece.manju@msajce-edu.in](mailto:ece.manju@msajce-edu.in)>  
**Sent:** Thursday, December 05, 2019 8:52 PM  
**To:** HRPondyTeam <[hrpondyteam@lenovo.com](mailto:hrpondyteam@lenovo.com)>  
**Subject:** [External] Internship / Inplant training request reg

Dear Sir,

**Greetings from Mohamed Sathak A.J. College of Engineering.**

In continuation with our telephonic conversation today, I request you to kindly grant permission for our students to do Internship/Inplant training in your esteemed organisation from 10.12.19 to 30.12.19. Internship/Inplant training in Lenovo would help our students to gain hands on experience in the latest technologies and also give an exposure to industry practices.

I have attached the final list of students for your consideration.

Regards,

**Dr. I.Manju**

Head- Industrial Relations.

Prof & Head-EEE.

MSAJCE.

[9940055026](tel:9940055026) // [ece.manju@msajce-edu.in](mailto:ece.manju@msajce-edu.in)

[headir@msajce-edu.in](mailto:headir@msajce-edu.in)

**Manju I** <[ece.manju@msajce-edu.in](mailto:ece.manju@msajce-edu.in)>  
To: "Mr.M. Kamarajan" <[ece.kamarajan@msajce-edu.in](mailto:ece.kamarajan@msajce-edu.in)>

Sat, May 28, 2022 at 1:16 PM

[Quoted text hidden]

 **Lenovo Int Students List.xlsx**  
13K



<https://mail.google.com/mail/u/2/?ik=d911b21c71&view=pt&search=all&permthid=thread-f%3A1734055288819990770&simpl=msg-f%3A17340552888...> 2/2

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## 2. Automation Anywhere

5/28/2022

Mohamed Sathak A.J. College Of Engineering Mail - Fwd: Mohamed Sathak A J College of Engineering - Automation Anywhere Workshop



Mr.M. Kamarajan <ece.kamarajan@msajce-edu.in>

### Fwd: Mohamed Sathak A J College of Engineering - Automation Anywhere Workshop

1 message

Manju I <ece.manju@msajce-edu.in>

To: "Mr.M. Kamarajan" <ece.kamarajan@msajce-edu.in>

Sat, May 28, 2022 at 1:17 PM

Regards,  
**Dr. I. Manju**  
Head- Industrial Relations.  
Head- Technology Centres.  
Prof -EEE.  
MSAJCE.  
9940055026 // ece.manju@msajce-edu.in  
headin@msajce-edu.in

----- Forwarded message -----

From: Lovneet Sharma <lovneet.sharma@automationanywhere.com>

Date: Sat, Sep 28, 2019 at 11:52 AM

Subject: Mohamed Sathak A J College of Engineering - Automation Anywhere Workshop

To: Manju I <ece.manju@msajce-edu.in>

Cc: Krishna Raju S <krishnaraju.s@automationanywhere.com>, DINESHKUMAR GANESHAN <dineshkumar.ganeshan@focusacademy.in>, Remya TV <remya@focusacademy.in>

Hello Manju,

Greetings from Automation Anywhere !

Please find below the classroom training schedule.

State	Institute Name	City	Installation Date	Training Day 1	Training Day 2	Training Day 3	Trainer
TN	Mohamed Sathak A J College of Engineering	Chennai	07-Oct-19	09-Oct-19	10-Oct-19	11-Oct-19	Dinesh Kumar G

I would also like to introduce our **Product Trainer – Dinesh Kumar G from Focus Academy**, he will be hosting the session at your Institute as per the above schedule. He is reachable @ **8903436333**.

Request you to arrange from his Travel and Accommodation for the scheduled dates.

Please share the details of your technical support team with us so that Dinesh can initiate and coordinate the Software Installation process well in advance.

**Request you to share the list of Participants i.e. Candidates & Faculty who will be attending this classroom training.**

Kindly revert for clarification, if required.

**Lovneet A Sharma** | Sr. Executive - University Relationship  
**Mobile:** 9769634252 / 9021463495 | [automationanywhere.com/in](http://automationanywhere.com/in)  
Automation Anywhere  
Located at: Prestige Trade Tower, 12th, High Grounds, Sampangi Rama Nagar, Bengaluru, Karnataka 560001

<https://mail.google.com/mail/u/2/?ik=d911b21c71&view=pt&search=all&permthid=thread-f%3A1734055368207965256&simpl=msg-f%3A1734055368...> 1/2

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**Chennai-603 103.**



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## 3.Philips

5/28/2022

Mohamed Sathak A.J. College Of Engineering Mail - Fwd: Update on progress and Requisition for an on-site discussion



Mr.M. Kamarajan <ece.kamarajan@msajce-edu.in>

### Fwd: Update on progress and Requisition for an on-site discussion

1 message

Manju Dr <headir@msajce-edu.in>  
To: "Mr.M. Kamarajan" <ece.kamarajan@msajce-edu.in>

Sat, May 28, 2022 at 1:19 PM

Regards,  
Dr. I.Manju  
Head- Industrial Relations.  
Prof & Head-EEE.  
MSAJCE.  
9940055026 // ece.manju@msajce-edu.in  
headir@msajce-edu.in

----- Forwarded message -----

From: Appasamy.P <appasamy.p@preethi.in>  
Date: Wed, Jul 28, 2021 at 4:25 PM  
Subject: RE: Update on progress and Requisition for an on-site discussion  
To: Manju Dr <headir@msajce-edu.in>  
Cc: Senthikumar <Senthikumar.SG@philips.com>, Principal <Principal@msajce-edu.in>, <calyanaramon.s@preethi.in>, <sasikumar.e@preethi.in>, <nareshkumar.r@preethi.in>

Dear Mam,

Kindly ensure the presence following project team at our site for further discussion by 11 am tomorrow. Both site members are available and marked in CC as well for information.

S.No	Project name	Preethi - Team			Mohammad Sathak		
		Leader	Member	Member	Leader	Member	Member
1	Training Module development for new joiners in all departments	Sasikumar -875457975	Sham Suresh	Anto	Vairaperumal.K - 9944363907	Sangeetha.E	Sheik Zaiith
2	Jar cleaning automation	Naresh - 9940403869	Anand Babu	Yuvaraj	I.Manju - 9940055026	Malik	Kathir

Regards

P.Appasamy

From: Manju Dr [mailto:headir@msajce-edu.in]  
Sent: Tuesday, May 4, 2021 12:06 PM  
To: Appasamy.P <appasamy.p@preethi.in>  
Cc: Senthikumar <Senthikumar.SG@philips.com>; Suresh.SR <suresh.sr@preethi.in>; Murugan.SK <murugan.sk@preethi.in>; Principal <Principal@msajce-edu.in>; calyanaramon.s@preethi.in; sivashankaran@preethi.in; sasikumar.e@preethi.in; nareshkumar.r@preethi.in; manikandan.b@preethi.in; balajee.a@preethi.in  
Subject: Re: Update on progress and Requisition for an on-site discussion

Dear Sir

Greetings from Mohamed Sathak A J College of Engineering.

In continuance to my previous mail ,We request you to let us know the convenient date for an online discussion depending on the availability of the team leaders and details , to move ahead with the development of prototypes for the various projects.

Due to the covid situation the faculty and students are not available on campus, but will be available for discussion in online mode.

Pls let us know.

<https://mail.google.com/mail/u/2/?ik=d911b21c71&view=pt&search=all&permthid=thread-f%3A1734055517015165384&simpl=msg-f%3A1734055517...> 1/2

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Chennai-603 103.



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Siruseri IT Park, Egattur, Chennai - 603 103

5/28/2022

Mohamed Sathak A.J. College Of Engineering Mail - Fwd: Update on progress and Requisition for an on-site discussion

Regards,

[Dr. I.Manju](#)

Head- Industrial Relations.

Prof & Head-EEE.

MSAJCE.

[9940055026](tel:9940055026) // [ece.manju@msajce-edu.in](mailto:ece.manju@msajce-edu.in)

[headir@msajce-edu.in](mailto:headir@msajce-edu.in)

On Mon, Apr 5, 2021 at 1:42 PM Manju Dr <[headir@msajce-edu.in](mailto:headir@msajce-edu.in)> wrote:

Dear Sir

Greetings from Mohamed Sathak A J College of Engineering.

The following is the update on the projects

1	Training Module development for new joiners in all departments	As per the preference given by site team leader Mr Sasikumar in mail dated Mar 18 we are in the process of preparing the module. It will positively be ready by this weekend.
2	Jar cleaning automation	Contact with Team lead Mr.Naresh established. We request you for an onsite meeting to discuss and finalize the model of mixer & other specifications to develop the prototype.
3	Andon System along with TPM concept for model line	Contact with Team lead Mr. Manigandan established. We request you for an onsite meeting to discuss and finalize the modules of the mixer line for which the prototype has to be developed.
4	Application development for standard work monitoring	Contact with Team lead Mr.Appasamy established. We request you for an onsite meeting to discuss the details.

We request you to let us know the convenient date for an on-site discussion depending on the availability of the team leaders and details , to move ahead with the development of prototypes for the various projects.

Regards,

[Dr. I.Manju](#)

Head- Industrial Relations.

Prof & Head-EEE.

MSAJCE.

[9940055026](tel:9940055026) // [ece.manju@msajce-edu.in](mailto:ece.manju@msajce-edu.in)

[headir@msajce-edu.in](mailto:headir@msajce-edu.in)

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<https://mail.google.com/mail/u/2/?ik=d911b21c71&view=pt&search=all&permthid=thread-f%3A1734055517015165364&siml=msg-f%3A1734055517...> 2/2

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## 4.Gowatr

3/22, 3:45 PM

Mohamed Sathak A.J. College Of Engineering Mail - Gowatr - MSAJCE (Chennai) Briefing on R&D works - Project 1



Mr.S.Naveen Kumar Asst.Prof - ECE <ece.naveen@msajce-edu.in>

### Gowatr - MSAJCE (Chennai) Briefing on R&D works - Project 1

1 message

Thu, Jan 28, 2021 at 6:44 PM

hariharan <hariharanj@gowatr.com>

To: ece.naveen@msajce-edu.in, vairaperumal.rvs@gmail.com, jjagansmec16@gmail.com, ece.malik@msajce-edu.in,

ece.manju@msajce-edu.in

Cc: Sathak GoWatr <sathak@gowatr.com>, Shreekant Jha <skj@gowatr.com>, vanchinathan

<vanchinathan.v@openwavecomp.in>

Jello everyone,

As outcome of meeting held in our Gowatr office on 27/01/2021, the college team had asked us to send the details on which they were briefed upon, so I am attaching the Illustrations and the respective brief explanations. Please go through the files and get back to us in a week's time (04/02/2021) with all the possible outcomes that can be worked on to make this module work in real time scenario. Please feel free to contact us or make use of the Whatsapp group if incase of any queries.

Thanks & Regards

Hariharan J

Project Engineer

Gowatr Private limited.

+91 7305090679

Email ID: hariharanj@gowatr.com

Gowatr

Gowatr Private Limited,

Office address: No-3, 3<sup>rd</sup> Cross Street, Sterling Road, Nungambakkam, Chennai- 600 034.

4 attachments

Motor ON-OFF case 3.pdf  
14K

Motor ON-OFF case 2.pdf  
13K

Motor ON-OFF case 1.pdf  
10K

Gowatr - MSAJCE (Chennai) R&D works.pdf

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### 5.SERTEL



Ms.S.Priyadharshini Asst.Prof -ECE <ece.priyadharshini@msajce-edu.in>

#### Fwd: MoM of Institute Industry meeting on 2.12.20

2 messages

Manju Dr <headir@msajce-edu.in>  
To: "Ms.S.Priyadharshini Asst.Prof -ECE" <ece.priyadharshini@msajce-edu.in>

Sat, May 28, 2022 at 3:03 PM

Regards,  
Dr. I.Manju  
Head- Industrial Relations.  
Prof & Head-EEE.  
MSAJCE.  
9940055026 // ece.manju@msajce-edu.in  
headir@msajce-edu.in

----- Forwarded message -----

From: Srinath Gopalan <srinath.g@sertel.co.uk>  
Date: Thu, Dec 10, 2020 at 1:16 PM  
Subject: Re: MoM of Institute Industry meeting on 2.12.20  
To: Manju Dr <headir@msajce-edu.in>  
Cc: Srikanth Gopalan <srinanth.g@sertel.co.uk>, Srikanth Gopalan <srinanth.g@sertelelectronics.com>, Principal <Principal@msajce-edu.in>, Dr.S.VIJAYAKUMAR Administration Officer <ao@msajce-edu.in>, <prlhamid@gmail.com>, <msathak123@yahoo.com>

Dear Dr.Manju,

Greetings to you!!! Thanks for your wonderful visit and discussions we had in our premises.

We are in the process of identifying the best possible projects to work with in the field of Embedded Systems & Communication streams.

Also we would be happy to encourage students to take up internships in our premises. We would be happy to provide them electronics production training and hands-on experience in Electronic product manufacturing & services.

It will be very helpful if you can share profiles, experiences of faculty focussed towards Electronics, Electrical & Embedded System fields. This would help us to narrow down scope of projects and come out with workable projects/problem definition/scope within a short term period.

Looking forward to hearing from you.

Thanks & Regards

Srinath Gopalan  
Director - Technical Sales, Business Head (Real Time Division)  
Sertel Electronics Pvt Ltd, Chennai, India  
Sertel Electronics UK Ltd, Birmingham, UK  
m.+919884512493(India)  
+441213188018(UK)

Products: | GPS - Master Clock | GPS - Time Synchronization | GOOSE Annunciator | Alarm Annunciators | Critical Alarm Controllers | Furnace Camera | Isolator | Display Units

On Sat, Dec 5, 2020 at 10:21 AM Manju Dr <headir@msajce-edu.in> wrote:

Sir  
Greetings from Mohamed Sathak A.J college of Engineering.  
In continuation with our visit and discussion to Sertel Electronics on 2.12.20, I have attached the Minutes of the meeting and look forward to a mutually beneficial collaboration with your esteemed organisation.  
Kindly share with us the areas/projects in which our faculty & students can contribute.

Regards,  
Dr. I.Manju  
Head- Industrial Relations.  
Head- Technology Centres.  
Prof & Head-EEE.  
MSAJCE.  
9940055026 // ece.manju@msajce-edu.in  
headir@msajce-edu.in

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### **Functions:**

1. Facilitating a Learner-centric environment conducive to quality education and enabling faculty get maturity to adopt the required knowledge and technology for Participatory teaching and Learning Process

<b>Department:</b>	IQAC - MSAJCE	
<b>Type of Event:</b>	Faculty Development Programme	
<b>Event Title:</b>	Outcome Based Education (OBE)	
<b>Date &amp; Time:</b>	10.12.2019 & 9.00 am to 3.30 pm	
<b>Venue / Mode (Platform):</b>	Conference Hall	
<b>Organizer:</b>	MSAJCE - IQAC	
<b>Coordinator(s):</b>	Dr.B.Sridhar, Coordinator, IQAC, Mr.G.Ramesh, Associate Professor, Dept. of Mechanical	
<b>Details of Participants:</b>	All teaching faculty members of MSAJCE	
<b>Profile of the Chief Guest(s)</b>	<b>Name of the Guest Speaker</b>	Dr. T. Gnana Sambanthan
	<b>Organization</b>	NITTTR
	<b>Designation</b>	Professor (Retd.), Dept. of CSE
	<b>Contact Number</b>	9444321697
	<b>E-mail ID</b>	tgsambanthan@gmail.com
<b>Write-up on Event (to publish in the college website)</b>	<p>IQAC of MSAJCE organized a Faculty Development Programme for the teaching faculty of MSAJCE on "OUTCOME BASED EDUCATION". The programme was started at 9.00 am with welcome address by Dr.E.Dhiravidachelvi, HoD/ECE. The session continues with the presentation of the guest speaker Dr.T.Gnana Sambanthan, Professor (Retd.), Dept. of CSE, NITTTR, Chennai, on OUTCOME BASED EDUCATION, he elaborated the concept of OBE. He also explained the method of developing the objective and outcome of the course. The points to be considered for evolving syllabus and Programme Educational Objective are also briefed. Dr.B.Sridhar, Coordinator, IQAC deliver the vote of thanks.</p>	
<b>Photographs</b>		
	Welcome address by Dr.E.Dhiravidachelvi, HoD/ECE	Honoring the chief guest by Dr.R.Senthilkumar, HoD/Mech



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	Presentation by the Guest	Presentation by the Guest
		
	Vote of Thanks by Dr. B. Sridhar, Coordinator, IQAC	
Feedback from the participants	The faculty members represents that this programme detailed about the OBE to the level of understanding	

## 2. Dissemination of Information on various quality Parameters of Higher Education



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AICTE-EXAMINATION REFORMS WORKSHOP

## Certificate of Participation

*This is to certify that*

Prof./Dr./Mr./Mrs./Ms. E. Dhiravidachelvi

*has participated in three days' Examination Reforms workshop in online mode  
conducted by AICTE*

**Col. B. Venkat**

Director

Faculty Development, AICTE

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