



DEPARTMENT OF MECHATRONICS ENGINEERING

ACADEMIC YEAR 2024-2025

EVENT ATTENDED DETAILS

Details of Industrial visits arranged:

S. No	Date	Class/ Sem	Industry Visited with Address	Faculty Accompanied
1.	19.09.2024	IV year	M/S. Sakthi Gears Ganapathy, Coimbatore.	Dr.P.Ravi Kumar Professor/MCT
2.	20.08.2024	II year and IV year	M/S. Rollick Automation Ganapathy, Coimbatore.	Dr.A.Kathik ASP/MCT
3.	10.05.2025	II, III and IV Year	Kerala Electrical & Allied Engg., Co Ltd, Kochi	Mr.R.Gokul Raju AP(SI.G) /MCT

Details of Students Achievements:

S.No	Name	Class	Date	Events Name	Organizer Name and Address	Prize
1.	Sanjeev and team	IV year	05.09.2024	SPS	TNSCT - SPS	Proposal Submitted
2.	Hari vatsan and team	IV year	05.09.2024	SPS	TNSCT - SPS	Proposal Submitted
3.	Kamalesh and team	IV year	05.09.2024	SPS	TNSCT - SPS	Proposal Submitted
4.	Aadhitya and team	III year	16.09.2024	Central Govt.,	Smart India Hackathon	Proposal Submitted
5.	Chandru and team	III year	16.09.2024	Central Govt.,	Smart India Hackathon	Proposal Submitted
6.	Samuvel Prakash and team	II year	16.09.2024	Central Govt.,	Smart India Hackathon	Proposal Submitted
7.	S.Sanjai	II year	03.10.2024 . to 09.10.2024	District Level Disaster Managem nt Training Program	Indian Red Cross Society, Coimbatore District Branch	Participated

S.No	Name	Class	Date	Events Name	Organizer Name and Address	Prize
8.	Balaji and team	III year	14.10.2024	FAER Scholar program	FAER	Proposal Submitted
9.	Chandru and team	III year	14.10.2024	FAER Scholar program	FAER	Proposal Submitted
10.	Kishore and team	III year	14.10.2024	FAER Scholar program	FAER	Proposal Submitted
11.	Sanjeev and team	IV year	14.10.2024	FAER Scholar program	FAER	Proposal Submitted
12.	Kamalesh and team	IV year	14.10.2024	FAER Scholar program	FAER	Proposal Submitted
13.	Raja reddy and team	III year	14.10.2024	FAER Scholar program	FAER	Proposal Submitted
14.	Chandru and team	III year	22.10.2024	TECHgium	L&T	Proposal Submitted
15.	Kishore and team	III year	22.10.2024	TECHgium	L&T	Proposal Submitted
16.	Sanjeev and team	IV year	22.10.2024	TECHgium	L&T	Proposal Submitted
17.	Revanth and team	IV year	22.10.2024	TECHgium	L&T	Proposal Submitted
18.	S.Sanjai	II year	26.10.2024	UNIQUE'S MANIFEST (SHOW US YOU MANAGE BETTER)	Rotaract Club of Coimbatore	Participated
19.	Chandru	III year	8.11.2024	Line Follower Robot	PPG Institute of Technology, Coimbatore	Participated
20.	Kannan	III year	8.11.2024	Line Follower Robot	PPG Institute of Technology, Coimbatore	Participated
21.	Naveen Raj	III year	8.11.2024	Line Follower Robot	PPG Institute of Technology, Coimbatore	Participated
22.	Siva Sarathi	III year	8.11.2024	Line Follower Robot	PPG Institute of Technology, Coimbatore	Participated
23.	Aadhitiya	III year	8.11.2024	Line Follower Robot	PPG Institute of Technology, Coimbatore	Participated

S.No	Name	Class	Date	Events Name	Organizer Name and Address	Prize
24.	Kishore	III year	8.11.2024	Line Follower Robot	PPG Institute of Technology, Coimbatore	Participated
25.	Manonithan	III year	8.11.2024	Line Follower Robot	PPG Institute of Technology, Coimbatore	Participated
26.	Sanjay Kumar	III year	8.11.2024	Line Follower Robot	PPG Institute of Technology, Coimbatore	Participated
27.	Sanjeev K Hari vatsan C Praveen Kumar S	IV year	18.11.2024	Tech Day 2024	Akshaya College of Engineering and technology, Coimbatore - 642109	Best Innovation Award
28.	Kalaiyarasan C Nandhakumar M Nathan M Sundara Kannan M	II year	18.11.2024	Tech Day 2024	Akshaya College of Engineering and technology, Coimbatore - 642109	Best Contribution to the society
29.	A.Balaji	III MCT	27.02.2025	AD ZAP-ADDICT 2k25	P A College of Engineering and Technology, Pollachi	Ist Prize
30.	C.Harivatsan E.Aravind kumar R.Kishore B.Madhesh	IV MCT	May 2025	Project Grant	Tamil Nadu State Council for Science and Technology (TNSCST)	Rs.7500/- (Sanctioned)
31.	Mr.C.Hari vatsan Mr.R.Sanjay Kumar Mr.S.Praveen Kumar Mr.K.Sanjeev	IV MCT	May 2025	Project Contest	NIRAL Thiruvizha	Shortlisted in top 150 & Rs.10,000/- (Sanctioned)

Details of In Plant Training / Internship Attended:

S.No .	Reg No.	Name of the Student	Name of the Industry/ Service provider	Subject area focused	Duration
1	720322115001	Aadhithya R	Emglitz	Internet of Things	24.06.2024 - 04.07.2024
2	720322115002	Arveti Venugopal			
3	720322115003	Balaji A			
4	720322115006	Chinnakotla Jaswanth			
5	720322115007	Ganimisetty Mani Kanta			
6	720322115011	Kavinkumar V			
7	720322115012	Kishore A			
8	720322115013	Madhurai Srikanth			

S.No .	Reg No.	Name of the Student	Name of the Industry/ Service provider	Subject area focused	Duration
9	720322115019	Pandeeswari S			
10	720322115021	Radhishma V			
11	720322115022	Roshini G			
12	720322115025	Saruk R			
13	720322115029	Sri Sanjay G			
14	720322115004	Bala Vignesh P	Live Wire for Live Careers	Robotic Process Automation	24.06.2024 - 08.07.2024
15	720322115005	Chandru S			
16	720322115010	Kannan M			
17	720322115024	Sanjaykumar R			
18	720322115015	Manonithan P	Sakthi Auto Component Limited	Basics of Machining	17.06.2024 - 06.07.2024
19	720322115017	Naveenkumar S			
20	720322115018	Naveenraj V			
21	720322115028	Siva Sarathi R			
22	720322115030	Varun C			
23	720322115302	Tharun C			
24	720322115301	Arul C			
25	720323115018	S.Priyadharshini	Sakthi Auto Components Ltd, Tiruppur - 638056	Fundamentals of Automobile	28.01.2025 to 18.02.2025
1.	720322115001	Aadhithya.R	Centre of Excellence for Robotics and AI, ACET and iHub Robotics Ltd., Kochi	Robotics	23.06.2025 to 12.07.2025 (3 weeks)
2.	720322115004	Bala Vignesh.P			
3.	720322115005	Chandru.S			
4.	720322115006	C Jaswanth			
5.	720322115010	Kannan.M			
6.	720322115011	Kavin Kumar.V			
7.	720322115012	Kishore.A			
8.	720322115015	Manonithan.P			
9.	720322115016	Mpouri Santhosh Kumar Reddy			
10.	720322115018	Naveenraj.V			
11.	720322115019	Pandeeswari.S			

S.No .	Reg No.	Name of the Student	Name of the Industry/ Service provider	Subject area focused	Duration
12.	720322115020	Rajareddy			
13.	720322115022	Roshini.G			
14.	720322115024	Sanjay Kumar.R			
15.	720322115025	Saruk.R			
16.	720322115028	Sivasarathi.R			
17.	720322115029	Sri Sanjay.G			
18.	720322115030	Varun C			
19.	720323115006	Dhanusha R			
20.	720323115013	Moses Naveen Kumar L			
21.	720323115018	Priyadharshini S			
22.	720323115019	Ramkumar S			
23.	720323115021	Samuvel Prakash F			
24.	720323115025	Sowandarya R			
25.	720323115031	Yuvan Shankar			
26.	720323115304	Nagamuthu L			

Workshop /Seminar/FDP/Symposium/ Conference Organized

S.No.	Date	Programme Name	Event Name	Beneficiaries	Resource Person Name and Address
1.	22.03 2025	Introduction to Robot Operating System (ROS)	Seminar	III year & II year MCT Students	Mr. Mithun, Research Scholar, Amrita Vishwa Vidyapeetham, Coimbatore. Mr. Sanjay, Robotics Engineer, Robot AI Technologies, Coimbatore.
2.	13.05.2025 & 14.05.2025	HUMANOID ROBOTICS WITH ROS: FUNDAMENTALS TO FULL INTEGRATION	WORKSHOP	II MCT	Mohammed Aswer Technical Trainer I Hub Robotics Kochi
3.	23 rd June 2025 to 5 th July 2025	Integrated Robotics Internship: Hands-on Robot Design with ROS, 3D Printing, and NVIDIA Isaac Sim	Internship	II MCT and III MCT Students	I Hub Robotics Kochi
4.	16.05.2025	Association Valedictory	Association	All MCT students	Mr.S.Adharsh Senior Engineer, Satyam Venture Engineering Services Chennai
5.	16.05.2025	Alumni Interaction Meet	Association	All MCT students	Mr.S.Adharsh Senior Engineer, Satyam Venture Engineering Services Chennai
6.	06.09.2024	Association Inauguration	Association	All MCT students	Mr.Srikumar Senior Verification Engineer, Edevon Technologies, Chennai
7.	06.09.2024	Alumni Interaction Meet	Association	All MCT students	Mr.Srikumar Senior Verification Engineer, Edevon Technologies, Chennai
8.	23.06.2025 to 28.06.2025	AICTE sponsored ATAL Faculty development program on "Shaping the Future of production with 3D Printing and Additive Techniques"	FDP	Faculty members	Dr. S ANAND KUMAR, Assistant Professor, IIT Jammu Dr.G.RAJESHKUMAR, Professor, PSG iTech, Cbe. Dr. V. ANANDAKRISHNAN , Professor, NIT - Trichy DR.V. EZHILMARAN, Assistant Professor, Anna University Mr.KRN Manoj, Technical Head, PUMO Tech novation Pvt Ltd, Cbe.

					Mr. PRABAHAR ANNAMALAI, CEO of Vectra FORM, Cbe. Mr.T. R RAMSANKAR, Technical Head, Robomatic A Division of CADD Technologies, Cbe. Mr. VIGNESWARAN, Founder and CEO, Virtual Frontier Robotics, Cbe.
9.	24.03.2025	Techfest 2025	Symposium	All MCT students and External Participants from other Colleges	-

24 MAR 2025 MONDAY

NATIONAL LEVEL TECHNICAL SYMPOSIUM

ACET Techfest 2025

Ideathon - Common for All Departments

Theme : UN Sustainable Development Goals (SDG)
"Concept and PPT for the Career Presentation / Ideathon should not be the same."

Mechatronics & EEE

Mechanical

ECE

Paper Presentation
Track Trace Robot
Electro Quest

Paper Presentation
Water Rocketry
Logo Sudoku

Paper Presentation
Tech Talks
Logic League

AIDS & CSBS

Civil

CSE

Paper Presentation
Find me 4 Sure
Technical Quiz

Paper Presentation
CADD Modelling
Visual or Poster Display

Paper Presentation
Code X Hunting
Debugging

Non-Technical Event

₹ 100
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Connections
Free Fire-Battle Clash

Registration Link

Cash Prize (Ideathon)	Cash Prize (Other Events)
I Place - ₹ 3000 /-	I Place - ₹ 1000 /-
II Place - ₹ 2000 /-	II Place - ₹ 750 /-
III Place - ₹ 1000 /-	III Place - ₹ 500 /-

* Transportation will be provided * Bring Your College ID Card.

Hosts/Coordinators:
 Mrs. Nimala Devi - 9001616625
 Mrs. K. Govindhi Devi - 8012018802

Guest Judges:
 Mr. Mahesh J. J. A. IPS - 9445322734
 Mr. VBS Sanyalprakash - IIT A & IS - 9632264582

FACULTY AND STUDENT PERFORMANCE IN COMPETITIVE EXAMINATIONS

S.No.	Name of the Examinations and Organizer	Title of the Course	Student / Faculty Name	Certified Score
1.	NPTEL SWAYAM	Sensors and Actuators	Mr.L.Moses Naveen Kumar	69
2.		Sensors and Actuators	Mr.F.Samuvel Prakash	69
3.		Sensors and Actuators	Mr.G.Yogesh	55
4.		Sensors and Actuators	Ms.Priyadharshini	55
5.		Sensors and Actuators	Ms.Dhanusha	52
6.		Sensors and Actuators	Mr.Naveen raj	61
7.		Sensors and Actuators	Mr. S.Chandru	60
8.		Sensors and Actuators	Mr.R.Sivasarathi	60
9.		Sensors and Actuators	Mr.R.Sanjay Kumar	55
10.		Sensors and Actuators	Mr. R.Gokul Raju	69
11.		Introduction To Internet of Things	Dr.A.Karthik	82
12.		Industrial Hydraulics and Automation	Mr.C.Rajasekar	61
13.		Industrial Hydraulics and Automation	Mr.S.Vinoth	60
14.		Effective Engineering Teaching In Practice	Mr.V.Mohankumar	81
15.		Accreditation and Outcome Based Learning	Dr. A.Karthik	58
16.		Accreditation and Outcome Based Learning	Mr. C.Rajasekar	75
17.		Accreditation and Outcome Based Learning	Mr. S.Vinoth	72
18.		Accreditation and Outcome Based Learning	Mr. R.Gokul Raju	73
19.		Aluminium Based Alloys and Metal Matrix Composites	Mr.V.Mohankumar	50

List Of Conferences attended by Students

S. No.,	Reg.No.	Name of the student	Name of the Faculty Supervisor	Title of the project	Conference Name	Organizer Name and Address
1.	720321115003	Mr.E.Esakkiya	Mr.R.Gokul Raju	Design and implementation of an ESP-32 based wifi controlled industrial pick and place robotic arm	ICNEXT’ 25	RVS Technical Campus, Coimbatore
	720321115005	Mr.S.Hassan Sajjad				
	720321115014	Mr.M.Sathish				
2.	720321115001	Mr.E.Aravind Kumar	Dr.A.Karthik	Effect of infill density on mechanical properties of PLA 3D printed composite materials		
	720321115007	Mr.B.Madesh				
	720321115015	Mr.M.Sathish Kumar				
3.	720321115302	Mr.P.Raghul	Dr.P.Ravikumar	IoT enabled spy car with real time video streaming and emergency alert system		
	720321115303	Mr.R.K.Revanth Kumar				
	720321115304	Mr.S.Sanjay Kumar				
4.	720321115006	Mr.R.Kishore	Mr.S.Vinoth	Design and performance of a solar assisted forced convection cabinet dryer for banana dehydration		
	720321115011	Mr.P.Rohith				
	720321115301	Mr.B.Kamalesh				
5.	720321115004	Mr.C.Hari vatsan	Mr.C.Rajasekar	Efficient solar dryer with thermal energy storage and sensor-based control for agricultural drying		
	720321115009	Mr.K.Muthupandi				
	720321115010	Mr.S.Praveen Kumar				
	720321115012	Mr.K.Sanjeev				