

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE-32

DEPARTMENT OF MECHATRONICS ENGINEERING

Proudly Presents

Aventura'21



Academic Year 2021-2022

FROM THE EDITOR'S DESK



It is happy to inform that our pride rests in the yearly Magazine " AVENTURA-2021 " is prepared, which implicitly incorporates all the co-curricular and extra-curricular activities of the department and is followed meticulously without any deviation. In addition to academics, the department strives for the holistic development of students by arranging various activities like workshops, seminars, guest lecturers conferences and industrial visits. We, the faculty members believes and work towards that our students are molded to become successful engineers, managers and future ethical leaders with required knowledge, analytical skills and creativity to develop innovative solutions to challenging problems who are not only committed to the industry but also to the society.

As you glance through these pages, may you celebrate the accomplishments of our students, and know the amazing possibilities ahead for them.

I congratulate the team of faculty members and the students for their brilliant and original efforts. I wish all the Students and Faculty a great academic career and success.

**Dr.S.J.Narmadha
Professor & Head**

Department of Mechatronics Engineering.

**Associate Editors : M. Karthikeyan, M.E., Assistant Professor/MCT Department
K.Kesavaraj, M.E., Assistant Professor/MCT Department**

**Student In charges : R.Kalaiarasan, IV MCT A Section
A.Rojar, IV MCT B Section.**

VISION OF THE DEPARTMENT

To provide an interdisciplinary platform in the field of Mechatronics engineering for creating professionals with innovative skills and ethical values which contributes towards the growth of the society

MISSION OF THE DEPARTMENT

To make the graduates to pursue vast array of careers in different domains of engineering

To educate engineers with the lifelong learning and entrepreneurial skills

To Expose graduates in recent technologies through industry institute interaction to ripen the interdisciplinary projects

PROGRAMME EDUCATIONAL OBJECTIVES

PEO1:To apply knowledge of mathematics, science and Mechatronics engineering to solve contemporary engineering problems in the field of automation

PEO2:To identify, design, analyze and evolve the Mechatronics system

PEO3:To self motivate towards lifelong learning and entrepreneurship

PEO4:Furnishing a healthier environment to groom up the students with leadership quality, team spirit, effective communication and life skills

PEO5:To exhibit the skills of simulation and experimentation using industrial standard engineering tools

PROGRAMME SPECIFIC OUTCOMES

PSO1: Ability to work in design, implementation and integration of engineering applications, such as electronic, mechanical, electromechanical, control and computer systems that contain software and hardware components, including sensors, actuators and controllers.

PSO2: Automate and maintain the mechanical systems by using electrical and electronic devices as well as computational tools

PSO3: Ability to carry out development projects independently and in teams.

**RESEARCH GRANTS, PROJECTS COMPLETED / ONGOING FROM NATIONAL FUNDING AGENCIES ONLY
(LIKE AICTE, UGC, CSIR, DST, DBT, & OTHERS ETC.,)**

S.No	Name of the principal Investigator & Co-Investigator	Title of the project	Funding Agency, Duration & Date of Sanction	Amount (in Lakh)	Completed/ On-going
1.	Pradeep Johnson & Veeramanikandan.R, Kesavaraj.K	Versatile Drone For Firefighting/Riot Control/3d Mapping/Sanitizing Applications	Research Seed Money From Hindusthan Management	0.40	On-going
2.	Kumaresan.m Sindhu.ss.s	Cryptic Ovoid With Aerosol	Indian Space Research Organization (ISRO)	6.42	Applied
3.	Sindhu.ss.s Kumaresan.m	Ai Based Cryptic Ovoid With Aerosol Autonomous Robot	Cognitive Science Research Initiative (CSRI)	3.69	Applied

SEMINARS / SELF SPONSORED WORKSHOPS ORGANIZED BY THE FACULTY MEMBERS

S. No	Name of Seminars / Workshops	Date	No. of beneficiaries
1	Webinar on “untapped opportunities in manufacturing”	2/6/2020	100
2	One day webinar on " engineer to entrepreneur"	8/6/2020	100
3	One day webinar program titled" Introduction to online circuit builder & simulator"	9/6/2020	100
4	International Webinar on "Basics of automotive embedded systems and overview on automotive protocols"	12/6/2020	100
5	One day webinar titled" Requirement of Mechatronics engineering in contemporary industry"	13/6/2020	100
6	Three Days Webinar Program" Career oppurtunities in architecture,engineering and construction industry, how automotive r&d works and industry expectations from engineers from freshers"	12/6/2020 - 2/6/2020	100
7	Webinar on "Enjoying the ride and pride as Technopreneur"	14/6/2020	100
8	Webinar on “Industrial automation-Pneumatic application”	21/6/2020	100

9	International Webinar on "Basics of System Analysis using Multibody Dynamics"	26/6/2020	100
10	Webinar on "Robotics and Automation"	28/6/2020	100
11	Exclusive webinar on "COVID 19 and its impact on study abroad"	16/7/2020	100
12	Virtual conference on "Green Mechatronics Systems-2020"	30/7/2020 – 31/7/2021	60
13	One day webinar on "Additive manufacturing and its impact on industry 4.0"	5/8/2020	100
14	International Webinar Series on "Demand Shift for Skilled Engineers in Electric Vehicle Industry" & "Indian Automotive Industry-Job & Tech"	7/9/2020 & 8/9/2020	100
15	One day webinar on "Application of Material Science in Industries"	8/11/2020	100

FACULTY MEMBERS PARTICIPATED IN FDP/SEMINAR/WORKSHOP/STTP/ TRAINING PROGRAM

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/STTP/ Training program	Name of Organizing Institute	Place
Seminars/Webinar					
1	Dr.S.J.Narmadha	04.07.2020	Webinar on Education 4.0 - quality Accreditation and Ranking	Swami Keshvanand Institute of Technology , Managemant	Gramothan , Jaipur
2		05.07.2020	Webinar on How to Become a Data Scientist	BHAIDI	BHAIDI
3		14.07.2020	Webinar on Techno-Operational Expertise Through Agile Methodology for Budding Engineers	Francis Xavier Engineering College	Triunelveli
4		15.07.2020	Webinar on Fault Diagnosis & Vibration Control of Rotating Machine	Government College of Engineering,	Triunelveli
5		20.07.2020	Six Days National Webinar Series on "A Vision Towards Materials & Manufacturing "	KPRIET	KPRIET
6		16.07.2020	Exclusive Webinar on COVID-19 & its impact on	Coimbatore	Coimbatore

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
			Study Abroad		
8	Mrs.S.SS.Sindhu	20.07.2020	Six Days National Webinar Series on "A Vision Towards Materials & Manufacturing "	KPRIET	KPRIET
9	Mr.K.Kesavaraj	02.07.2020	Webinar on "Where Will You Fit Into A Real Time Project?"	Sri Eshwar College of Engineering,	Coimbatore
10		05.07.2020	Webinar on How to Become a Data Scientist	BHAIDI	BHAIDI
11	Mr.K.Kesavaraj	07.07.2020	Webinar on "Investigation of the effect of cracks on vibration parameters of cantilever beam"	Franics Xavier Engineering College	Triunelveli
12		08.07.2020	Webinar on "Application of PCM Nano fluids in Thermal Power Plants"	Franics Xavier Engineering College	Triunelveli
13		14.07.2020	Webinar on "Additive Manufacturing Fundamentals & Applications"	Franics Xavier Engineering College	Triunelveli
14		15.07.2020	Webinar on "Fault Diagnosis & Vibration Control of Rotating Machine "	Government College of Engineering	Triunelveli
15	Ms S.Sowmya	05.07.2020	Attended Webinar How to Become a Data Scientist	BHAIDI	BHAIDI
16		13.07.2020	Webinar on "Industry 4.0 & Robot Application"	Franics Xavier Engineering College	Triunelveli
17		15.07.2020	Attended Webinar Fault Diagnosis & Vibration Control of Rotating Machine	Government College of Engineering	Triunelveli
18		14.07.2020	Webinar on "Additive Manufacturing Fundamentals & Applications"	Franics Xavier Engineering College	Triunelveli
19	Ms S.Sowmya	25.07.2020	Attended webinar "Deep Space Dreams"	Franics Xavier Engineering College	Triunelveli
20		24.07.2020	Attended International Webinar on "Buildings a	HICET	HICET

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
			Successful career path "		
21		30.07.2020	Attended International Webinar on "Linking molecular & continuum mechanics with application to biometric nanomaterials & advanced materials "	Mandsaur University	Mandsaur
22		16.07.2020	Exclusive Webinar on COVID-19 & its impact on Study Abroad	Coimbatore	Coimbatore
23		04.07.2020	Attended Webinar on "Ultrafine grained materials with futuristic properties"	IIT Bhilai	IIT Bhilai
24		20.07.2020	Attended Webinar on " A research perspective on Aluminium Alloy Based Hybrid Composites "	BIT	Sathyamanglam Coimbatore
25	Mr.P.Karthik	09.07.2020	Attended International Webinar on "Engineering Project Management Scope, Cost, Risk, & Teams	Francis Xavier Engineering College	Triunelveli
26		13.07.2020	Webinar on "Industry 4.0 & Robot Application"	Francis Xavier Engineering College	Triunelveli
27		08.07.2020	Webinar on "Application of PCM Nano fluids in Thermal Power Plants "	Francis Xavier Engineering College	Triunelveli
28	Mr.R.Vinoth	14.07.2020	Attended webinar on "Techno-Operational Expertise Through Agile Methodology Devops For Budding Engineers "	Francis Xavier Engineering College	Triunelveli
29		04.07.2020	Attended Webinar on "Ultrafine grained materials with futuristic properties"	IIT Bhilai	IIT Bhilai
30	Mr.Premanand	04.07.2020	Attended Webinar Education 4.0 - quality Accreditation and Ranking	Swami Keshvanand Institute of Technology , Managamant	Gramothan , Jaipur

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
31		08.07.2020	Webinar on "Application of PCM Nano fluids in Thermal Power Plants "	Francis Xavier Engineering College	Triunelveli
32	Mr.M.Kumaresan	20.07.2020	Six Days National Webinar Series on "A Vision Towards Materials & Manufacturing "	KPRIET	KPRIET
FDPs/SDPs/STTPs					
1	Dr.S.J.Narmadha	27.07.2020	Attended six days FDP on Integrated planning for NIRF ranking and best practices in Engineering colleges	HICET	HICET
2		06.07.2020	Attended FDP Research Proposal Writing & Opportunities in the Field of Science, Engg, Management	BIT	Bangalore
3	Mr.G.Thilak	14.07.2020	Four Days online International Faculty Development Programme (FDP) on "Solar Energy Applications "	HICET	Coimbatore
4		22.07.2020	Five Days National Level Faculty Development Programme on "RESEARCH OPPORTUNITIES IN ADVANCED WELDING PROCESSES"	HICET	Coimbatore
5		27.07.2020	Attended six days FDP on Integrated planning for NIRF ranking and best practices in Engineering colleges	HICET	Coimbatore
6	Mr.K.Kesavaraj	01.07.2020	Five Days Virtual Faculty Development Programme on "MECHATRONICS IN SMART MANUFACTURING FOR THE FUTURE"	BIT	Sathyamanglam, coimbatore
7	Mr.K.Kesavaraj	12.07.2020	"Online Awareness Pledge on COVID-19"	KPRIET	KPRIET
8	Ms S.Sowmya	11.07.2020	Attended India's First Leadership Talk with Shri shashishekhar (CEO -prasara Bharti)	MHRD's Innovation Cell	MHRD's Innovation Cell

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
9		27.07.2020	Attended six days FDP on Integrated planning for NIRF ranking and best practices in Engineering colleges	HICET	Coimbatore
10	Mr.Premanand	27.07.2020	Attended six days FDP on Integrated planning for NIRF ranking and best practices in Engineering colleges	HICET	Coimbatore
11		06.07.2020	Attended one week "Faculty Development Programme On Reasearch Proposal Writing And Opportunities In The Field Of Science ,Engineering& Management"	BIT	BIT
12		20.07.2020	Attended online FDP on "TRENDS IN ELECTRIC VECHICLES"	St.Joseph's Institute of Technology	Chennai
13	Mr.P.Karthik	15.10.2020	Attended National IP Literacy Week Organized under Kalam Program for IP Literacy & Awareness	MHRD,AICTE,I IC Cell	Delhi, Govt of India
16	Mr.M.M.Jegan	15.10.2020	Attended National IP Literacy Week Organized under Kalam Program for IP Literacy & Awareness	MHRD,AICTE,I IC Cell	Delhi, Govt of India
17		25.11.2020	Attended Two days FDP on " RESEARCH SCHOLARS EMPOWERMENT PROGRAMME-V (RSEP-V) in online Mode	(Dept of Higher Education ,MHRD)	(Dept of Higher Education ,MHRD)
18	Dr.S.J.Narmadha	16.11.2020 To 21.11.2020	ONE WEEK AICTE sponsored (AQIS)STTP on outcome based education for Technical Institutions -phase 2	Rajagiri school of Engineering & technology	Kochi
25	Mr.G.Thilak	02.11.2020 To 07.11.2020	Six days AICTE Sponsored online STTP (Series-II) on "OUTCOME BASED CURRICULUM,PLANNING ,MAPPIN &MEASUREMENTS"	Sri Krishna College of Technology	Coimbatore
26		16.11.2020 To	Six days AICTE Sponsored online STTP (Series-II) on "MANUFACTURING	R.M.K.College of Engineering	Tiruvallur

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
		21.11.2020	APPLICATIONS OF MICROMACHINING WITH EMPHASIS ON MAKE IN INDIA "	& Technology	
28	Mr.P.Karthik	02.11.2020 to 07.11.2020	Six days AICTE Sponsored online STTP on" "RAPID PROTOTYPING AND DIGITAL MANUFACTURING"	Nss College Of Engineering,	Palakkad, Kerala
31	Dr.S.J.Narmadha	14.10.2020 To 20.10.2020	ONE WEEK AICTE sponsored (AQIS)STTP on out come based education for Technical Institutions -phase 1	by Rajagiri school of Engineering & technology	Kochi
32		07.07.2020 To 11.07.2020	Attended STTP course " INSIGHTS INTO ELECTRICAL ENERGY MANAGEMENT"	KCT	Coimbatore
33	Mr.Premanand	07.07.2020 To 11.07.2020	Attended STTP course " INSIGHTS INTO ELECTRICAL ENERGY MANAGEMENT"	KCT	Coimbatore
Conference					
1	Dr.S.J.Narmadha	30.07.2020	Virtual conference on "Green Mechatronics systems 2020	Hicet	Coimbatore
2	Mrs.S.SS.Sindhu	01.07.2020	TEQIP III Sponsored 1st online National conference on Recent Trends in Thermal Sciences & Alternate Energy Resources presented paper title"RADIO FERQUENCY ANALYSIS ON STEALTH F-35 USING HYBRID FIBER REINFORVEC COMPOSITE MATERIALS "	Gct, Coimbatore & NIT,AP	Coimbatore
3	Mrs.D.Dhanalakshmi	01.07.2020	TEQIP III Sponsored 1st online National conference on Recent Trends in Thermal Sciences & Alternate Energy Resources presented paper title"RADIO FERQUENCY ANALYSIS ON STEALTH F-35 USING HYBRID FIBER REINFORVEC COMPOSITE	Gct, Coimbatore & NIT,AP	Coimbatore

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
			MATERIALS "		
4	Mr.M.Kumaresan	01.07.2020	TEQIP III Sponsored 1st online National conference on Recent Trends in Thermal Sciences & Alternate Energy Resources presented paper tiitle" RADIO FERQUENCY ANALYSIS ON STEALTH F-35 USING HYBRID FIBER REINFORVEC COMPOSITE MATERIALS	Gct,Coimbatore & NIT,AP	Coimbatore

FACULTY MEMBERS AS RESOURCE PERSONS FOR ORIENTATION COURSES, SEMINARS, GUEST LECTURES, WORKSHOPS, CONFERENCES AT NATIONAL AND INTERNATIONAL LEVELS (OUTSIDE THE PARENT INSTITUTIONS)

S.No	Name of Staff	Date	Title of the FDP/Seminar/ Workshop/STTP/ Training program	Name of Organizing Institute	Place
1	Mr.Pradeep Johnson	26/04/2021 to 30/04/2021	Engineering Materials – A Research Perspective	KGISL	Coimbatore
2	Mr.G.Thilak	26/04/2021 to 30/04/2021	Engineering Materials – A Research Perspective	KGISL	Coimbatore
3	Mr.M.M.Jegan	27/03/2021	INNOVATION IN DESIGN	HINDHUSTHAN INSTITUTE OF TECHNOLOGY	Coimbatore

SEMINARS / SELF SPONSORED WORKSHOPS ORGANIZED BY THE FACULTY MEMBERS

S. No	Name of Seminars / Workshops	Date	No. of beneficiaries
1	One day webinar on “Overview on Gasoline Engine management System”	11/12/ 2020	100
2	One day webinar on “Entrepreneurial Mind-set among	19/12/ 2020	100

	Engineering Student”		
3	One day webinar on “Prospects of Engineering in Space”	21/12/2020	100
4	Two day short term program on “Intellectual Property Rights and Patent Process”	22/1/2021 and 23/1/2021	100
5	One day webinar on “Introduction to Automation”	30/1/2021	100
6	One day webinar on “How to be Ready for Opportunities After Engineering”	5/2/2021	100
7	Webinar on "Current Trends in Automation"	24/2/2021	93
8	Webinar On “Hydrogen and Fuel Cell Technologies”	09.05.2021	100

FACULTY MEMBERS PARTICIPATED IN FDP/SEMINAR/WORKSHOP/STTP/ TRAINING PROGRAM

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop /STTP/ Training program	Name of Organizing Institute	Place
SEMINARS/WEBINAR					
1	Mr.M.M.Jegan	10.02.2021	Attended National Webinar on” importance of Academic identity & Faculty Profile System (ORCID,VIDWAN,IRINS)"	Inflibnet Centre	Gujarat
FDPs/SDPs/STTPs					
1	Mr.P.Karthick	08.12.2020	Five days AICTE Training& Learning (ATAL) Academy online FDP on " Alternate Fules"	BIT Campus, Anna University,	Tiruchirappalli
2		21.12.2020	Five days AICTE Training& Learning (ATAL) Academy online FDP on " ENERGY ENGINEERING"	Government College of Engineering	Thanjavur,
3	Dr.S.J.Narmadha	07.12.2020 To 12.12.2020	Attended one week AICTE AIQS Sponsored STTP on "MORALS,ETHICS& VALUES IN EDUCATION"	Government Polytechnic,	Nagpur
4	Mr.M.Karthikeyan	07.12.2020 To 12.12.2020	Attended six days STTP on "Be the change TEACHING LEARNING PROCESS"	Crescent Institute of Science & Technology	Chennai, Tamil Nadu

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop /STTP/ Training program	Name of Organizing Institute	Place
5		14.12.2020 To 19.12.2020	Attended one week AICTE sponsored STTP on "Recent Advances in Industrial Automatiom& Robotics"	KCT	Coimbatore
6		18.01.2021 To' 23.01.2021	Attended one week AICTE sponsored STTP on "Empowering the moral values ,ethics &behavioral attitude I teaching skills among Teachers"	Dr.N.G.P Institute of Technology	Coimbatore
7		21.12.2020 To 27.12.2020	Attended online STTP on "Solar Energy Conversion Systems Technologies,Design& Applications"	Franics Xavier Engineering College	Triunelveli
8	Mr.T.Prabhu	21.12.2020 To 27.12.2020	Attended online STTP on "Solar Energy Conversion Systems Technologies,Design& Applications"	Franics Xavier Engineering College	Triunelveli
9	Mr.G.Thilak	30.11.2020 To 05.12.2020	Six days AICTE Sponsored online STTP on "FINITE ELEMENT ANALYSIS USING ANSYS(FEAAS) "	University College of Engg, BIT Campus ,Anna University,	Tiruchirappalli,
10	Mr.M.M.Jegan	07.12.2020 To 12.12.2020	Attended AICTE Sponsored Six Days Online STTP on "DIGITAL TWIN TECHNOLOGY FOR INDUSTRIAL AUTOMATION PROCESS (Phasr-II)	Sathyabama Institute of Science & Technology	Chennai
11		14.12.2020 To 19.12.2020	Attended One week AICTE Sponsored STTP on "RECENT ADVANCES IN INDUSTRIAL AUTOMATION & ROBOTICS"	KCT	Coimbatore

ONLINE COURSES COMPLETED BY THE FACULTY MEMBERS

S.No	Name of Staff	Duration	Title of the Course	Platform (NPTEL / Coursera / other Online Courses)
1	Sindhu S.SS	12 weeks	Engineering Metrology	NPTEL
2	M.Kumaresan	12 weeks	Engineering Metrology	NPTEL
3	Dr.S.J.NARMADHA	6 weeks	Positive psychology	Coursera
		4 weeks	Computational vision	Coursera
		4 weeks	Women in Leadership: Inspiring Positive Change	Coursera
		4 weeks	AI For Everyone	Coursera
		4 weeks	Intelligent Machining	Coursera
		4 weeks	Introduction to G-suite	Coursera
4	PRADEEP JOHNSON	8 weeks	Leadership and Emotional Intelligence	Coursera
		4 weeks	Control of mobile robots	Coursera
		4 weeks	Successful presentation	Coursera
		4 weeks	AI to everyone	Coursera
5	G.THILAK	4 weeks	AI to everyone	Coursera
		4 weeks	Materials Science: 10 Things Every Engineer Should Know	Coursera
		8 weeks	Leadership and Emotional Intelligence	Coursera
		4 weeks	Machine Learning: Create a Neural	Coursera

			Network that predicts whether an Image is a Car or Airplane.	
6	M.KARTHIKEYAN	6 weeks	Positive psychology	Coursera
		8 weeks	Leadership and emotional intelligence	Coursera
		4 weeks	AI for everyone	Coursera
		4 weeks	Collaborative robot safety : Design and deployment	Coursera
7	SINDHU. S. SS	7 weeks	Engineering Systems in Motion: Dynamics of Particles and Bodies in 2D Motion	Coursera
		6 weeks	Electric Vehicles and Mobility	Coursera
		4 weeks	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	Coursera
		3 weeks	Drug Development	Coursera
		4 weeks	Introduction to Artificial Intelligence (AI)	Coursera
		4 weeks	Market Research and Consumer Behavior	Coursera
		7 weeks	Successful Career Development	Coursera
		4 weeks	Build Your First Android App (Project-Centered Course)	Coursera
		4 weeks	The Art of Negotiation	Coursera
		4 weeks	Electric Power Systems	Coursera
		4 weeks	Effective Problem-Solving and Decision-	Coursera

			Making	
		7 weeks	Control of Mobile Robots	Coursera
		1 weeks	Object-Oriented Programming with Java	Coursera
		6 weeks	Introduction to Machine Learning	Coursera
		4 weeks	Manufacturing Process with Autodesk Fusion 360	Coursera
		7 weeks	The Science of Success: What Researchers Know that You Should Know	Coursera
		5 weeks	Wind Energy	Coursera
		4 weeks	Essentials of Entrepreneurship: Thinking & Action	Coursera
		3 weeks	Behavioral Finance	Coursera
		5 weeks	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	Coursera
		6 weeks	Initiating and Planning Projects	Coursera
		4 weeks	Leadership and Emotional Intelligence	Coursera
		4 weeks	Mind Control: Managing Your Mental Health During COVID-19	Coursera
		3 weeks	Photovoltaic solar energy	Coursera
		4 weeks	AI For Everyone	Coursera
		4 weeks	Collaborative Robot Safety: Design & Deployment	Coursera

		4 weeks	New Models of Business in Society	Coursera
		4 weeks	High-Impact Business Writing	Coursera
		4 weeks	How to Write and Publish a Scientific Paper (Project-Centered Course)	Coursera
		4 weeks	Fundamentals of Management	Coursera
		4 weeks	Communication in the 21st Century Workplace	Coursera
		4 weeks	Finding Purpose and Meaning In Life: Living for What Matters Most	Coursera
		6 weeks	Positive Psychology	Coursera
		4 weeks	Natural Gas	Coursera
		4 weeks	Grammar and Punctuation	Coursera
		5 weeks	Getting Started with AWS Machine Learning	Coursera
		6 weeks	Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	Coursera
		4 weeks	How to Write a Resume (Project-Centered Course)	Coursera
		6 weeks	Fundamentals of Fluid Power	Coursera
		4 weeks	Cybersecurity and Mobility	Coursera
		5 weeks	Psychological First Aid	Coursera
		2 weeks	Mechanics of Materials IV: Deflections, Buckling, Combined Loading &	Coursera

			Failure Theories	
		5 weeks	Introduction to Personal Branding	Coursera
		7 weeks	Introduction to Electronics	Coursera
		4 weeks	Images and Links in HTML	Coursera
		5 weeks	Electric Utilities Fundamentals and Future	Coursera
		5 weeks	Budgeting and Scheduling Projects	Coursera
		4 weeks	Strategic Management	Coursera
		5 weeks	Mechanics of Materials III: Beam Bending	Coursera
		5 weeks	Materials Science: 10 Things Every Engineer Should Know	Coursera
		4 weeks	Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	Coursera
		5 weeks	Introduction to Engineering Mechanics	Coursera
		6 weeks	Competitive Strategy	Coursera
		1 weeks	COVID-19 Contact Tracing	Coursera
		4 weeks	Energy: The Enterprise	Coursera
		4 weeks	Safety in the Utility Industry	Coursera
		4 weeks	Introduction to the Internet of Things and Embedded Systems	Coursera
		6 weeks	Building Arduino robots and devices	Coursera
		6 weeks	A Life of Happiness	Coursera

			and Fulfillment	
		5 weeks	Applications in Engineering Mechanics	Coursera
		4 weeks	Inspiring and Motivating Individuals	Coursera
8	S.SOWMYA	6 weeks	Positive psychology	Coursera
		8 weeks	Leadership and emotional intelligence	Coursera
		4 weeks	AI for everyone	Coursera
		4 weeks	Collaborative robot safety : Design and deployment	Coursera
9	KESAVARAJ K	8 weeks	Leadership and Emotional Intelligence	Coursera
		6 weeks	Positive Psychology	Coursera
		4 weeks	AI For Everyone	Coursera
		4 weeks	Electric Utilities Fundamentals and Future	Coursera
		4 weeks	Solar Energy Basics	Coursera
		4 weeks	Finding Purpose and Meaning In Life: Living for What Matters Most	Coursera
		4 weeks	Collaborative Robot Safety: Design & Deployment	Coursera
10	PRABHU T	8 weeks	Leadership and Emotional Intelligence	Coursera
		6 weeks	Positive Psychology	Coursera
		4 weeks	AI For Everyone	Coursera
		4 weeks	Collaborative Robot Safety: Design & Deployment	Coursera
11	DHANALAKSHMI. D	6 weeks	Positive psychology	Coursera
		4 weeks	Images and Links in HTML	Coursera

		4 weeks	Mind Control: Managing Your Mental Health During COVID-19	Coursera
		4 weeks	Fundamentals of Management	Coursera
		2 weeks	Digital Manufacturing & Design	Coursera
		1 week	Introduction to Project Management	Coursera
		1 week	Create a Resume and Cover Letter with Google Docs	Coursera
		1 week	Object-Oriented Programming with Java	Coursera
		4 weeks	Electric Power Systems	Coursera
		3 weeks	Photovoltaic solar energy	Coursera
		4 weeks	Effective Problem-Solving and Decision-Making	Coursera
		4 weeks	Collaborative Robot Safety: Design & Deployment	Coursera
		5 weeks	Electric Utilities Fundamentals and Future	Coursera
		6 weeks	Electric Vehicles and Mobility	Coursera
		4 weeks	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	Coursera
		6 weeks	Fundamentals of Fluid Power	Coursera
		5 weeks	Materials Science: 10 Things Every Engineer	Coursera

			Should Know	
		5 weeks	Wind Energy	Coursera
		4 weeks	Natural Gas	Coursera
		4 weeks	Safety in the Utility Industry	Coursera
		4 weeks	Energy: The Enterprise	Coursera
		8 weeks	Leadership and emotional intelligence	Coursera
		4 weeks	Ai for everyone	Coursera
		4 weeks	Fundamentals of fluid power	Coursera
12	P.KARTHICK	8 weeks	Leadership and Emotional Intelligence	Coursera
		6 weeks	Positive Psychology	Coursera
		4 weeks	AI For Everyone	Coursera
		4 weeks	Collaborative Robot Safety: Design & Deployment	Coursera
13	VINOTH.R	6 weeks	Positive psychology	Coursera
		8 weeks	Leadership and emotional intelligence	Coursera
		4 weeks	AI for everyone	Coursera
		4 weeks	Control of mobile robot	Coursera
14	S.PREM ANAND	8 weeks	Leadership and Emotional Intelligence	Coursera
		6 weeks	Positive Psychology	Coursera
		4 weeks	AI For Everyone	Coursera
		4 weeks	Electric Utilities Fundamentals and Future	Coursera
		4 weeks	Solar Energy Basics	Coursera
		4 weeks	Finding Purpose and Meaning In Life: Living for What	Coursera

			Matters Most	
		4 weeks	Collaborative Robot Safety: Design & Deployment	Coursera
15	KUMARESAN M	7 weeks	Engineering Systems in Motion: Dynamics of Particles and Bodies in 2D Motion	Coursera
		6 weeks	Electric Vehicles and Mobility	Coursera
		4 weeks	Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	Coursera
		3 weeks	Drug Development	Coursera
		4 weeks	Introduction to Artificial Intelligence (AI)	Coursera
		4 weeks	Market Research and Consumer Behavior	Coursera
		7 weeks	Successful Career Development	Coursera
		4 weeks	Build Your First Android App (Project-Centered Course)	Coursera
		4 weeks	The Art of Negotiation	Coursera
		4 weeks	Electric Power Systems	Coursera
		4 weeks	Effective Problem-Solving and Decision-Making	Coursera
		7 weeks	Control of Mobile Robots	Coursera
		1 week	Object-Oriented Programming with Java	Coursera
		6 weeks	Introduction to Machine Learning	Coursera

		4 weeks	Manufacturing Process with Autodesk Fusion 360	Coursera
		7 weeks	The Science of Success: What Researchers Know that You Should Know	Coursera
		5 weeks	Wind Energy	Coursera
		4 weeks	Essentials of Entrepreneurship: Thinking & Action	Coursera
		3 weeks	Behavioral Finance	Coursera
		5 weeks	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	Coursera
		6 weeks	Initiating and Planning Projects	Coursera
		4 weeks	Leadership and Emotional Intelligence	Coursera
		4 weeks	Mind Control: Managing Your Mental Health During COVID-19	Coursera
		3 weeks	Photovoltaic solar energy	Coursera
		4 weeks	AI For Everyone	Coursera
		4 weeks	Collaborative Robot Safety: Design & Deployment	Coursera
		4 weeks	New Models of Business in Society	Coursera
		4 weeks	High-Impact Business Writing	Coursera
		4 weeks	How to Write and Publish a Scientific Paper (Project-Centered Course)	Coursera

		4 weeks	Fundamentals of Management	Coursera
		4 weeks	Communication in the 21st Century Workplace	Coursera
		4 weeks	Finding Purpose and Meaning In Life: Living for What Matters Most	Coursera
		6 weeks	Positive Psychology	Coursera
		4 weeks	Natural Gas	Coursera
		4 weeks	Grammar and Punctuation	Coursera
		5 weeks	Getting Started with AWS Machine Learning	Coursera
		6 weeks	Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	Coursera
		4 weeks	How to Write a Resume (Project-Centered Course)	Coursera
		6 weeks	Fundamentals of Fluid Power	Coursera
		4 weeks	Cybersecurity and Mobility	Coursera
		5 weeks	Psychological First Aid	Coursera
		2 weeks	Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	Coursera
		5 weeks	Introduction to Personal Branding	Coursera
		7 weeks	Introduction to Electronics	Coursera
		4 weeks	Images and Links in HTML	Coursera

		5 weeks	Electric Utilities Fundamentals and Future	Coursera
		5 weeks	Budgeting and Scheduling Projects	Coursera
		4 weeks	Strategic Management	Coursera
		5 weeks	Mechanics of Materials III: Beam Bending	Coursera
		5 weeks	Materials Science: 10 Things Every Engineer Should Know	Coursera
		4 weeks	Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	Coursera
		5 weeks	Introduction to Engineering Mechanics	Coursera
		6 weeks	Competitive Strategy	Coursera
		1 weeks	COVID-19 Contact Tracing	Coursera
		4 weeks	Energy: The Enterprise	Coursera
		4 weeks	Safety in the Utility Industry	Coursera
		4 weeks	Introduction to the Internet of Things and Embedded Systems	Coursera
		6 weeks	Building Arduino robots and devices	Coursera
		6 weeks	A Life of Happiness and Fulfillment	Coursera
		5 weeks	Applications in Engineering Mechanics	Coursera
		4 weeks	Inspiring and Motivating Individuals	Coursera

PAPERS/ JOURNAL PUBLICATIONS /CONFERENCES

S.No.	Name of the Faculty	Journals			Conference			Publications with Impact/ISSN /ISBN		Reviewer	
		International	National	State	International	National	State	Books	Articles	National	International
1	Dr.S.J.Narmadha, R.Vinoth				1						
2	G.Thilak	1									
3	M.Karthikeyan	4									
4	S.PremAnand	1									
5	Pradeep Johnson	1									
6	S.SS.Sindhu, M.Kumaresan	1			2	2					

MOU'S DETAILS

S.No	Name of the Company	Year of MOU signed	MOU Policy Details
1	Linga Technologies	2021	3 years Support in conduct of activities, Placement Assistance, Internships

DEPARTMENT CLUB ACTIVITIES

S.No	Name of the Club	Name of faculty in charge for the club	Activities of the club
1	Rotaract Club	Mr.Pradeep Johnson, Mr.Thilak	Webinar on NoyyalaiMeetuyedupom
			Webinar on Organ Donation
			Flagship event "Help the Needy"
			Webinar on Human Well-Being Session
			Webinar on Parenting Your Parent

			Webinar on Behavioural Ecology of Bats
			Webinar on Life is Very Short Nanba
			Webinar on IdhuvumKadandhuPogum

ACADEMIC TOPPERS DETAILS

S.No	Name of the Student	Class & Section	Percentage
1	ALAN JOSE	II MCT A	9.46
2	HARIHARABRAHMMAN S	II MCT B	9.55
3	PANCHATCHARAM T V	II MCT B	9.55
4	DEERAJ KUMARAN K	III MCT A	9.38
5	POOJA	III MCT B	8.95
6	ANTO BINU J	IV MCT A	9.36
7	SRIGOKUL P	IV MCT B	9.25

INTERNSHIP/IMPLANT TRAINING FOR THE STUDENTS

S. No	Class	Name of Students	Name of Company	Duration
1	III A	AARON DENISION M	A.L.R ENGINEERING WORKS	04.01.21 TO 06.02.21
2	III A	ABDUL SHAMEER S	ABT INDUSTRIES LIMITED	01.03.21 TO 31.03.21
3	III A	ADWAITH S	A.L.R ENGINEERING WORKS	21.01.21 TO 25.02.21
4	III A	AFRAS M.P	TECHNOLOGICS GLOBAL PVT. LTD.	17.02.21 TO 18.03.21
5	III A	AKILAN B	LITZ TECH	02.01.21 TO 07.02.21
6	III A	ARAVIND S R	DLK CARRIER DEVELOPMENT	23.02.21 TO 25.03.21
7	III A	ARJUN P T	TECHNOLOGICS GLOBAL PVT. LTD.	17.02.21 TO 18.03.21
8	III A	ARUNKUMAR G	LITZ TECH	02.01.21 TO 07.02.21
9	III A	ASHOK K	LITZ TECH	02.01.21 TO 07.02.21
10	III A	ASWIN M KUMAR	TECHNOLOGICS GLOBAL PVT. LTD.	17.02.21 TO 18.03.21
11	III A	ASWIN S NAIR	TECHNOLOGICS GLOBAL PVT. LTD.	17.02.21 TO 18.03.21

12	III A	BALABHARATHI S	LITZ TECH	02.01.21 TO 07.02.21
13	III A	BAMBINO PARTHIBAN R	DAESEUNG AUTOPARTS INDIA PVT LTD	02.11.20 TO 03.12.20
14	III A	CHINNADURAI M	A.L.R ENGINEERING WORKS	01.02.21 TO 03.03.21
15	III A	DANNY ZACHARIAH THOMAS	TECHNOLOGICS GLOBAL PVT. LTD.	17.02.21 TO 18.03.21
16	III A	DEERAJ KUMARAN K	ABT INDUSTRIES LIMITED	01.03.21 TO 31.03.21
17	III A	DELVIN PETER	TECHNOLOGICS GLOBAL PVT. LTD.	17.02.21 TO 18.03.21
18	III A	DHANASEKARAN P	A.L.R ENGINEERING WORKS	12.02.21 TO 12.03.21
19	III A	DHANUSH KUMAR.P.S	DAESEUNG AUTOPARTS INDIA PVT LTD	02.11.20 TO 03.12.20
20	III A	DHARNESH.R	A.L.R ENGINEERING WORKS	26.01.21 TO 27.02.21
21	III A	DHINAGARAN V	A.L.R ENGINEERING WORKS	26.01.21 TO 27.02.21
22	III A	DIVAKAR RAJ B S	ABT INDUSTRIES LIMITED	01.03.21 TO 31.03.21
23	III A	ENIYA VIGNESH D	DAESEUNG AUTOPARTS INDIA PVT LTD	25.11.20 TO 23.12.20
24	III A	FAHEEM SHAH UMER	TECHNOLOGICS GLOBAL PVT. LTD.	17.02.21 TO 18.03.21
25	III A	GOGULAVANAN C	A.L.R ENGINEERING WORKS	12.02.21 TO 12.03.21
26	III A	GOWTHAM M	DAESEUNG AUTOPARTS INDIA PVT LTD	02.11.20 TO 03.12.20
27	III A	GUNASEKARAN K	A.L.R ENGINEERING WORKS	12.02.21 TO 12.03.21
28	III A	HARI BABU R	DAESEUNG AUTOPARTS INDIA PVT LTD	02.11.20 TO 03.12.20
29	III A	HARI PRASATH K	DAESEUNG AUTOPARTS INDIA PVT LTD	02.11.20 TO 03.12.20
30	III A	HARIHARAN J	SATHURAGIRI MOTOR WORKS	16.01.21 TO 12.02.21

31	III A	HARIHARAN S	A.L.R ENGINEERING WORKS	26.01.21 TO 27.02.21
32	III A	HARISH GODWIN A B	DAESEUNG AUTOPARTS INDIA PVT LTD	25.11.20 TO 23.12.20
33	III A	HARISH VEL A	A.L.R ENGINEERING WORKS	15.01.21 TO 16.02.21
34	III A	ISAAC DHIVAKARAN K	DAESEUNG AUTOPARTS INDIA PVT LTD	02.11.20 TO 03.12.20
35	III A	ISAAC DHIVAKARAN K	A.L.R ENGINEERING WORKS	04.01.21 TO 06.02.21
36	III A	JAYAKRISHNAN A	SOUTHERN RAILWAY,SIGNAL AND TELECOMMUNICATION WORKSHOP,PODANUR	22.03.21 TO 27.03.21
37	III A	JEEVAS.T	A.L.R ENGINEERING WORKS	04.01.21 TO 06.02.21
38	III A	KARTHIKESAN K	DLK CARRIER DEVELOPMENT	23.02.21 TO 25.03.21
39	III A	KIRAN.K.DAS	TECHNOLOGICS GLOBAL PVT. LTD.	17.02.21 TO 18.03.21
40	III A	LOGU T	A.L.R ENGINEERING WORKS	01.02.21 TO 06.03.21
41	III A	MALLAIAH ARJUN K	ABT INDUSTRIES LIMITED	01.03.21 TO 31.03.21
42	III A	MANIKANDA RAJA A	ABT INDUSTRIES LIMITED	01.03.21 TO 31.03.21
43	III A	MIKE A FLEMING	ULTRA ENGINEERING	18.01.21 TO 19.02.21
44	III A	MOHAMED ISMAIL A	SHRI SUJA TOOLS	02.01.21 TO 17.02.21
45	III A	BALASUBRAMANIAN M	SOUTHERN RAILWAY,SIGNAL AND TELECOMMUNICATION WORKSHOP,PODANUR	22.03.21 TO 27.03.21
46	III A	DHARMESH A S	SOUTHERN RAILWAY,SIGNAL AND TELECOMMUNICATION WORKSHOP,PODANUR	22.03.21 TO 27.03.21
47	III A	GOWTHAM S	RAJESH BATTERY AND AUTO ELECTRICALS	28.12.20 TO 28.01.21
48	III A	LOGESH KANNAN P K	A.L.R ENGINEERING WORKS	21.01.21 TO 25.02.21


49	III A	STEBIN N JOY	TECHNOLOGICS GLOBAL PVT. LTD.	17.02.21 TO 18.03.21
50	III A	THEANESWARAN R	A.L.R ENGINEERING WORKS	30.11.20 TO 30.12.20
51	III A	VIGNESHWAR R	A.L.R ENGINEERING WORKS	26.01.21 TO 27.02.21
52	III A	JAYA SURYA V	SOUTHERN RAILWAY,SIGNAL AND TELECOMMUNICATION WORKSHOP,PODANUR	22.03.21 TO 27.03.21
52	III B	MOHAMMED SHABEER TH	FAMOZONE,KERALA	15.02.2021 to 27.02.2021
53	III B	MUHAMMED MUFLIH P	ACME	9.11.2020 to 31.01.2021
54	III B	MUNIYAPPAN N	LITZTECH,COIMBATORE	2.01.2021 to 07.02.2021
55	III B	NADIM MOHAMMED IJAS KVM	ASHOK LEYLAND	2.01.2021 to 07.02.2021
56	III B	NARESH KUMAR V	LITZTECH,COIMBATORE	2.01.2021 to 07.02.2021
57	III B	NEVIKA D	A. L. R ENGINEERING WORKS,	27.01.2021 to 27.02.2021
58	III B	NISHANTH B	PANTECHPROLABS INDIA PVT LTD	5.10.2020 to 3.11.2020
59	III B	NITHIS M	PANTECHPROLABS INDIA PVT LTD	5.10.2020 to 3.11.2020
60	III B	NITHISH KUMAR S	QUEEN'S FOOD PRODUCT	05.02.2021 to 23.02.2021
61	III B	NOORUL RIYAS S	A.L.R.ENGINEERING WORKS	21.01.2021 to 25.02.2021
62	III B	POOJA T	A.L.R.ENGINEERING WORKS	21.01.2021 to 25.02.2021
63	III B	POOVARASAN C	FAMOZONE,KERALA	15.02.2021 to 27.02.2021
64	III B	RAJESH KANNAN P	DLK CARRIER DEVELOPMENT	23.02.2021 to 25.03.2021
65	III B	RISHI CHAKKARAVARTHI V	A. L. R ENGINEERING WORKS	18.02.2021 to 20.03.2021
66	III B	SABARINATHAN R	LITZTECH,COIMBATORE	01.12.2020 to

				06.01.2021
67	III B	SAM SAMBATH	TECHNOLOGICS GLOBAL PVT. LTD.	12.02.2021 to 18.03.2021
68	III B	SANJAI RAHUL M	A. L. R ENGINEERING WORKS	04.01.2021 to 06.02.2021
69	III B	SANJAY KUMAR N	ABT INDUSTRIES LIMITED	01.03.2021 to 31.03.2021
70	III B	SANJEEVI N	A. L. R ENGINEERING WORKS	21.01.2021 to 25.02.2021
71	III B	SARAN G	LITZTECH,COIMBATORE	01.12.2020 to 06.01.2021
72	III B	SARAN R	MITHUN MOTORS	1.03.2021 to 31.03.2021
73	III B	SATHISH S	MITHUN MOTORS	1.03.2021 to 31.03.2021
74	III B	SHIVASHANKARAN R	MITHUN MOTORS	1.03.2021 to 31.03.2021
76	III B	SIVA RAM KRISHNAN.S	LITZTECH,COIMBATORE	02.01.2021 to 07.02.2021
77	III B	SIVA SHANKAR R	BULL MACHINES PVT LTD	03.03.2021 to 17.03.2021
78	III B	SIVABHARATHI V	LITZTECH,COIMBATORE	21.01.2021 to 07.02.2021
79	III B	SIVAPRAKASH S	A.L.R.ENGINEERING WORKS	21.01.2021 to 25.02.2021
80	III B	SREE RAM.P.S	BULL MACHINES PVT LTD	03.03.2021 to 17.03.2021
81	III B	SRI GUHAN V S	THE TRUE SAI WORKS	15.01.2021 to 15.02.2021
82	III B	SRIKIRAN E	DLK CARRIER DEVELOPMENT	23.02.2021 to 25.03.2021
83	III B	SRI NEELAKANDAN B	BULL MACHINES PVT LTD	03.03.2021 to 17.03.2021
84	III B	SIRDHAR.R	LITZTECH,COIMBATORE	01.12.2020 to 06.01.2021
85	III B	SRIRAM V	A.L.R.ENGINEERING WORKS	21.01.2021 to 25.02.2021
86	III B	SUBASH S	A.L.R.ENGINEERING WORKS	21.01.2021 to

				25.02.2021
87	III B	SURESH S	AR LASER FABRICATORS,	18.02.2021 to 20.03.2021
88	III B	SURYA R	LITZTECH,COIMBATORE	2.01.2021 to 07.02.2021
89	III B	UDHAYA KUMAR M	LITZTECH,COIMBATORE	01.12.2020 to 06.01.2021
90	III B	UDHAYAKUMAR C	DLK CARRIER DEVELOPMENT	23.02.2021 to 25.03.2021
91	III B	VIBIN ABISHEK V	A. L. R ENGINEERING WORKS	21.01.2021 to 25.02.2021
92	III B	VIKRAM M	A.L.R.ENGINEERING WORKS	21.01.2021 to 25.02.2021
93	III B	VIMAL RAJ.N	LITZTECH,COIMBATORE	02.01.2021 to 07.02.2021
94	III B	VINEESH V	VESTAS,CHENNAI	02.01.2021 to 30.01.2021
95	III B	VISHNU RAM E	LITZTECH,COIMBATORE	02.01.2021 to 07.02.2021
96	III B	NADAR BELWIN JAYASELAN RAJAMANI	LITZTECH,COIMBATORE	02.01.2021 to 07.02.2021
97	III B	HARISHKUMAR R	LITZTECH,COIMBATORE	02.01.2021 to 07.02.2021
98	III B	JOTHI PRAVEEN V	A. L. R ENGINEERING WORKS	18.02.2021 to 20.03.2021
99	III B	MISFER YUSRIN P A	LITZTECH,COIMBATORE	01.12.2020 to 06.01.2021
100	III B	PRASANNA KUMAR K	BULL MACHINES PVT LTD	03.03.2021 to 17.03.2021
101	III B	RAKITH RAJA P	DAESUNG AUTOPARTS INDIA PVT.LTD	02.11.2020 to 03.12.2020
102	III B	USHA NANDHINI S	DAESUNG AUTOPARTS INDIA PVT.LTD	02.11.2020 to 03.12.2020
103	III B	AJAY S	INGARAN ELECTRICAL CONTROLS LIMITED	07.10.2020 to 02.11.2020
104	III B	ARAVINDH P	INGARAN ELECTRICAL CONTROLS LIMITED	20.11.2020 to 25.12.2020

STUDENTS MAJOR ACHIEVEMENT

Students of Hindusthan college of Engineering and technology have completed 21,777 courses and secured the FIRST place in Learnathon 2021 conducted by ICT Academy. Out of this, II,III and IV year students of Mechatronics Engineering Department completed more than 1,800 courses to achieve this feat.



ICTACADEMY
LEARNATHON
2021
DISCOVER THE NEW WAY OF LEARNING

**INTERIM PERFORMANCE STATUS ON
COURSE COMPLETION BY STUDENTS**

Congratulations

To the Top 10 Institutions on
Course Completion

S.No	Institution Name	Courses Completed
1	Hindusthan College of Engineering and Technology	21,777
2	Sri Krishna College of Engineering and Technology	7,875
3	KS Rangasamy College of Technology (Autonomous)	6,324
4	M Kumarasamy College of Engineering	5,992
5	Sri Akilandeswari Women's College	4,379
6	Rajalakshmi Engineering College	1,795
7	R.M.D. Engineering College	1,789
8	Chandigarh Engineering College, Landran	1,705
9	Karpagam College of Engineering	1,407
10	Lady Doak College	1,352

LEARNING EXTENDED

Due to many requests from member colleges and considering the current situations, the last date for registered students to complete the learning in Learnathon 2021
EXTENDED TO 30 SEP 2021

As on 31 Aug 2021 - 05:00 pm

Microsoft | ANANYWHERE | MathWorks | Cisco Networking Academy | celonis | Qlik | vmware IT ACADEMY | PRIMESC

www.ictacademy.in/learnathon2021

DEPARTMENT EVENTS



HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY
 VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE
 APPROVED BY AICTE, NEW DELHI, ACCREDITED WITH 'A' GRADE BY NAAC
 (AN AUTONOMOUS INSTITUTION, AFFILIATED TO ANNA UNIVERSITY, CHENNAI)
 COIMBATORE - 641 032



**DEPARTMENT OF MECHATRONICS
ENGINEERING**

SPEAKER
AVENASH A
SCIENTIST/ENGINEER
ISRO BANGALORE



PROSPECTS OF ENGINEERS IN SPACE

DATE : 21-11-2020
TIME : 5.00 - 6.00 pm

FREE REGISTRATION AT
<https://qrgo.page.link/FnVw7>

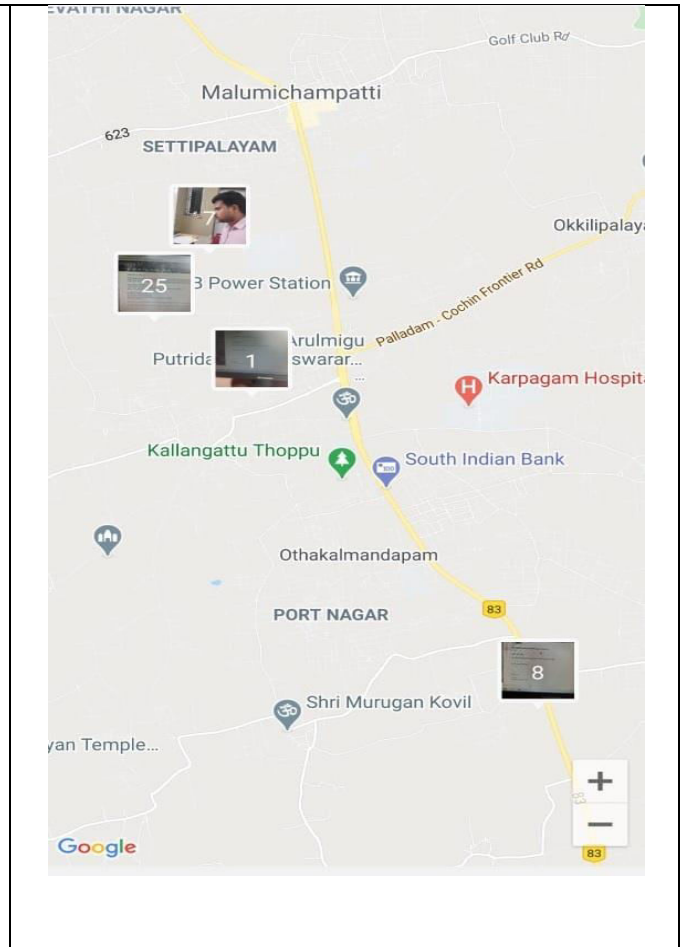


Meeting Platform
GOOGLE MEET
<https://meet.google.com/pkb-zkew-eac?hs=122&authuser=1>

CONVENOR
DR. S. J. NARMADHA
PROFESSOR & HEAD

CO-ORDINATOR
M.M. JEGAN
ASSISTANT PROFESSOR

E-CERTIFICATE WILL BE PROVIDED
Meeting link will be sent to your mail



Department of Mechatronics Engineering Conducted a National Level Webinar on “PROSPECTS OF ENGINEERS IN SPACE” Organized by Mr.M.MM.Jegan AP/MCT on 21.11.2020

Government College of Engineering
 Bengipatti, Thanjavur - 613 402
 Affiliated to Anna University, Chennai
 WELCOME YOU ALL!
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 OF
 AICTE-ATL SPONSORED
 FIVE-DAYS ONLINE STTP
 ON

Energy Engineering
 9.00 AM, DECEMBER 21, 2020

WELCOME ADDRESS
Dr. S. Sivasankar
 ASSISTANT PROFESSOR

PRESIDENTIAL ADDRESS
Dr. S. Jayabal
 PROFESSOR

SPECIAL ADDRESS
Dr. R. Vijayan
 PRINCIPAL

ORGANIZED BY
Department of Mechanical Engineering





No.ATL/2020/000044

ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
 Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

AICTE Training And Learning (ATL) Academy

Certificate

This is certified that **KARTHIK.P**, Assistant Professor of **HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY** participated & completed successfully AICTE Training And Learning (ATL) Academy Online FDP on "Energy Engineering" from 2020-12-21 to 2020-12-25 at Government College of Engineering, Thanjavur.


 Director ATL Academies




 Coordinator

Mr.P.Karthick, Faculty of Mechatronics Engineering Department National Level Online ATAL FDP on “ENERGY ENGINEERING” from 21/12/2020 To 25/12/2020 organized by Government College of Engineering, Thanjavur.

**UNIVERSITY COLLEGE OF ENGINEERING,
BIT CAMPUS, ANNA UNIVERSITY, TIRUCHIRAPPALLI
DEPARTMENT OF MECHANICAL ENGINEERING
AICTE TRAINING AND LEARNING (ATAL) ACADEMY
ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)**

**ALTERNATE FUELS
28 December 2020 to 01 December 2020**

SCHEDULE

DAY 1, 08/12/2020	DAY 2, 09/12/2020	DAY 3, 10/12/2020	DAY 4, 11/12/2020	DAY 5, 12/12/2020
09:45 AM TO 11:15 AM SESSION 1 HAND ADDITIVE FOR IC ENGINES DR. V. ABUL KADIR SELVAN Assistant Professor Department of Mechanical Engineering, Government Engineering College, Palakkad, Kerala, India selvan@gecpalakkad.ac.in	09:45 AM TO 11:15 AM SESSION 1 FUEL CHARACTERISTICS DR. S. S. KANAKAN Professor Department of Mechanical Engineering, PRA College of Engineering and Technology, Thrissur kanakan@pra.ac.in	09:45 AM TO 11:15 AM SESSION 1 WASTE COOKING OIL DR. K. HIRALAKSHMI Professor Department of Mechanical Engineering, PRA College of Engineering and Technology, Thrissur hiralakshmi@pra.ac.in	09:45 AM TO 11:15 AM SESSION 1 FUEL PROCESSING FOR IC ENGINES TECHNOLOGY DR. K. ANAND Assistant Professor Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli anand@nittr.ac.in	09:45 AM TO 11:15 AM SESSION 1 ALTERNATE FUELS-AVAILABILITY AND SUSTAINABILITY DR. K. ESWIN GEO Professor/Head Department of Automobile Engineering, BIT Campus, Anna University, Tiruchirappalli, Tamil Nadu, India eswin@anna.edu.in
11:45 AM TO 01:15 PM SESSION 2 HYDROGEN FUEL FOR IC ENGINES DR. W. SURESH KUMAR Professor and Head Department of Mechanical Engineering, Anna University, Chennai, India sureshk@anna.edu.in	11:45 AM TO 01:15 PM SESSION 2 ALCOHOL BASED FUELS FOR IC ENGINES DR. V. SIVAKUMAR Assistant Professor Department of Mechanical Engineering, Tamil Nadu State Engineering College, Palakkad, Kerala, India sivakumar@tnsecpalakkad.ac.in	11:45 AM TO 01:15 PM SESSION 2 THERMODYNAMIC ASPECTS IN IC ENGINES FUELLED WITH ALTERNATIVE FUELS DR. THIRUGEL KANUPPA RAJ K Professor/Head, Graduate School of Engineering, Kannur University, Kannur, Kerala, India kanuppa@kannur.ac.in	11:45 AM TO 01:15 PM SESSION 2 PRODUCTION, PERFORMANCE AND EMISSION CHARACTERISTICS OF ALGAE BIOMECHANICAL BIODESEL DR. H. SUDHAN Assistant Professor Department of Mechanical Engineering, Tamil Nadu State Engineering College, Palakkad, Kerala, India sudhan@tnsecpalakkad.ac.in	11:45 AM TO 01:15 PM SESSION 2 UNIVERSAL HUMAN VALUES DR. M. SRI HANISHI Professor Department of Mechanical Engineering, BIT Campus, Anna University, Tiruchirappalli, Tamil Nadu, India srihanishi@anna.edu.in
02:15 PM TO 03:45 PM SESSION 3 BIO MASS DR. S. VEJAYARAJ Professor Head of Production and Process Control AICTE COLLEGE OF ENGINEERING Palakkad, Kerala, India vejayaraj@gecpalakkad.ac.in	02:15 PM TO 03:45 PM SESSION 3 OPTIMIZATION OF IC ENGINE PARAMETERS FOR ALCOHOLS DR. K. FARDIN Assistant Professor Department of Mechanical Engineering, Tamil Nadu State Engineering College, Palakkad, Kerala, India fardin@tnsecpalakkad.ac.in	02:15 PM TO 03:45 PM SESSION 3 ETHANOL BASED FUEL FOR IC ENGINES DR. RAJESH KUMAR C Professor and Head Automotive Research Center (ARC), Department of Automobile Engineering, Tamil Nadu State Engineering College, Palakkad, Kerala, India rajeshk@tnsecpalakkad.ac.in	02:15 PM TO 03:45 PM SESSION 3 ALGAE FUELS DR. T. MOHAN RAJ SRI Department of Mechanical Engineering, Tamil Nadu State Engineering College, Palakkad, Kerala, India mohanraj@tnsecpalakkad.ac.in	02:15 PM TO 03:45 PM SESSION 3 TEST DR. M. CHANDRASEKAR Assistant Professor Department of Mechanical Engineering, Tamil Nadu State Engineering College, Palakkad, Kerala, India chandrasekar@tnsecpalakkad.ac.in



Mr.P.Karthick, Faculty of Mechatronics Engineering Department National Level Online ATAL FDP on “ALTERNATE FUELS” from 08/12/2020 To 12/12/2020 organized by University College of Engineering,BIT Campus, Anna University, Tiruchirappalli.

NSS COLLEGE OF ENGINEERING, PALAKKAD, KERALA
Government Aided Engineering College,
Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE

AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAMME (STTP) SERIES ON
RAPID PROTOTYPING AND DIGITAL MANUFACTURING
ORGANISED BY
DEPARTMENT OF MECHANICAL ENGINEERING
(Accredited by NBA)
SERIES I – 02nd November 2020 to 07th November 2020

No Registration Fee
E- Certificate will be provided
Last date for registration: 30th October 2020
Notification of acceptance: 31st October 2020

For Registration:
<https://forms.gle/N14p9RwXavSFxc6P8>

Vision of the Department:
To develop the department at par with global standards of excellence in Mechanical Engineering producing self motivated knowledgeable and technically competent engineers, meeting the needs of industry and society

Mission of the Department:
1. To provide quality education in Mechanical Engineering for building competent professionals of global standards.
2. To mould self-motivated Mechanical Engineers catering the industrial needs.
3. To inculcate ethical values among Mechanical Engineers meeting the scientific, technological and entrepreneurial needs of the society.

1st
Mechanization, water power, steam power

2nd
Mass production, assembly line, electricity

3rd
Computer and automation

4th
Cyber Physical Systems

AICTE SPONSORED ONLINE SHORT TERM TRAINING PROGRAMME (STTP) ON
RAPID PROTOTYPING AND DIGITAL MANUFACTURING
Department of Mechanical Engineering
NSS College of Engineering, Palakkad, Kerala

Certificate of Participation

This is to certify that Mr. P. KARTHIK of HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY has participated in the AICTE sponsored 6 Day online Short Term Training Programme on “Rapid Prototyping and Digital Manufacturing” organised by the Department of Mechanical Engineering of NSS College of Engineering, Palakkad from 02nd November 2020 to 07th November 2020.

Dr. Anesh Kumar P
STTP Coordinator

Dr. Jolly KG
Professor & HOD

Dr. Sudha T
Principal

उदरे दात्म नात्मानं
"Udharedhatmanathanam"

12/11/2020

Mr.P.Karthick, Faculty of Mechatronics Engineering Department AICTE sponsored National level Online STTP series on “RAPID PROTOTYPING AND DIGITAL MANUFACTURING” from 02/11/2020 To 07/11/2020 organized by NSS COLLEGE OF ENGINEERING, PALAKKAD, KERALA

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 COIMBATORE - 641 032

DEPARTMENT OF MECHATRONICS ENGINEERING

SPEAKER
NIRMAL BHARATH KUMAR
 APPLICATION PROJECT MANAGER
 BOSCH INDIA LTD., BENGALURU



OVERVIEW ON GASOLINE ENGINE MANAGEMENT SYSTEM

DATE : 11-11-2020
TIME : 11.30 - 12.30 pm

FREE REGISTRATION AT
<https://qrco.page.link/tijLP>

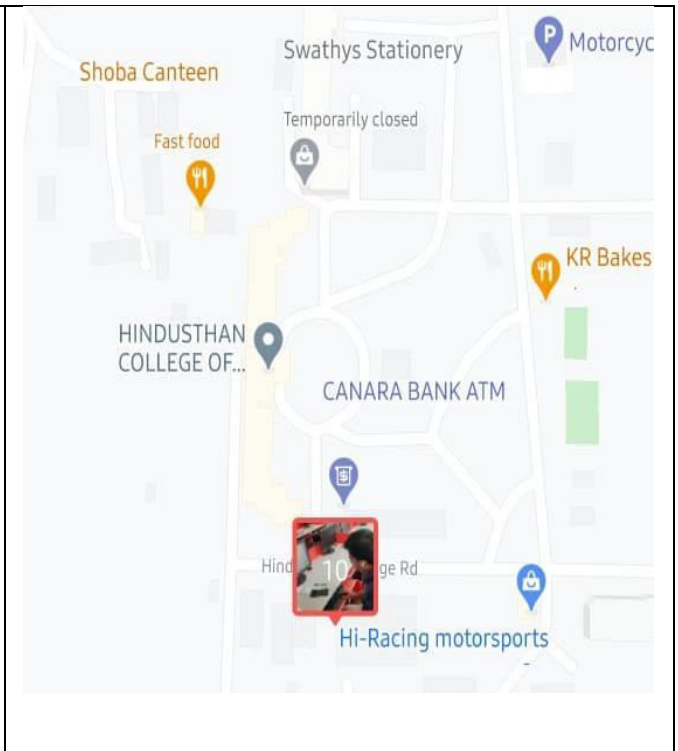


Meeting Platform
 Cisco webex

CONVENOR
 DR.S.J.NARMADHA
 PROFESSOR & HEAD

CO-ORDINATORS
 M.M.JEGAN
 ASSISTANT PROFESSOR

E-CERTIFICATE WILL BE PROVIDED
 Meeting link will be sent to your mail



Department of Mechatronics Engineering Conducted a National Level Webinar on “OVERVIEW ON-GASOLINE ENGINE MANAGEMENT SYSTEM” Organized by Mr.M.MM.Jegan AP/MCT on 11.11.2020.

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DEPARTMENT OF MECHATRONICS ENGINEERING

SPEAKER
K.NARENDIRAN
 DEPUTY MANAGER
 PROJECTS & MFG. ENGG.
 ROYAL ENFIELD, CHENNAI



FREE REGISTRATION AT
<https://forms.gle/9WMni7NfBK1SP6gg6>



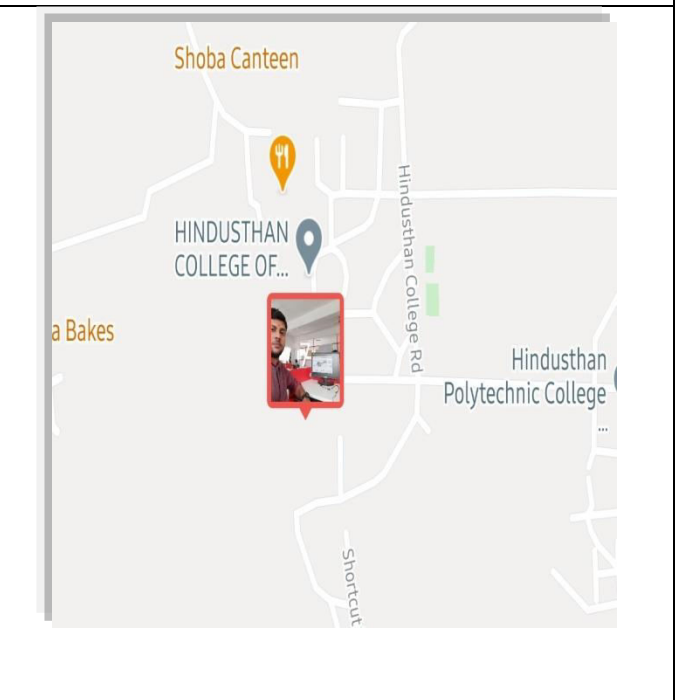
DATE : 31-10-2020
TIME : 10.00 - 11.00 am

Meeting Platform
 google meet
<https://meet.google.com/bjd-agse-ukq?hs=122&authuser=0>

CONVENOR
 DR.S.J.NARMADHA
 PROFESSOR & HEAD

CO-ORDINATORS
 M.M.JEGAN
 ASSISTANT PROFESSOR
 P.KARTHIK
 ASSISTANT PROFESSOR

E-CERTIFICATE WILL BE PROVIDED
 Meeting link will be sent to your mail



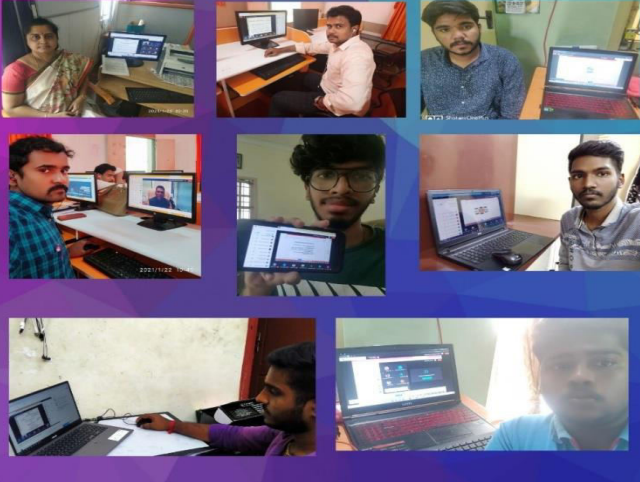
Department of Mechatronics Engineering Conducted a National Level Webinar on “Automotive Electronics” Organized by Mr.M.M.Jegan / Mr.P.Karthik , AP/MCT on 31.10.2020



**HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE – 641032**

DEPARTMENT OF MECHATRONICS ENGINEERING

**INTELLECTUAL PROPERTY RIGHTS AND PATENT PROCESS
(22/ JAN /2021)
(IIC driven activity)**



**HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY
COIMBATORE – 641032**

DEPARTMENT OF MECHATRONICS ENGINEERING

**INTELLECTUAL PROPERTY RIGHTS AND PATENT PROCESS
(23/ JAN /2021)
(IIC driven activity)**



Two day short term program on “Intellectual Property Rights and Patent Process” on 22/1/2021 and 23/1/2021



**HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY
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COIMBATORE – 641 032**



DEPARTMENT OF MECHATRONICS ENGINEERING

**SPEAKER
INFANT PRADEEP
SR. ENGINEER, R&D,
BLOOMENERGY INDIA PVT LTD ,
BENGALURU**



**Webinar On “Hydrogen & Fuel Cell
Technologies”**

DATE : 09-05-2021

TIME : 4.00 - 5.00 pm

**Co-ordinator
Mr.M.M.Jegan
AP,MCT**

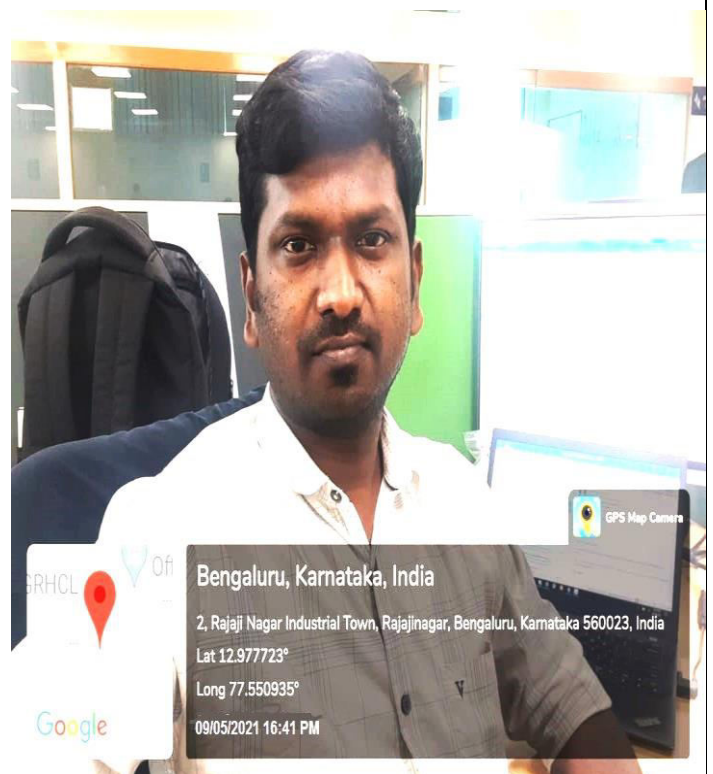
**Convenor
Dr.S.J.Narmadha
HOD,MCT**

**CEO & Principal
Dr.k.karunakaran**

Meeting Platform

GOOGLE MEET

<https://meet.google.com/lookup/asgqav774j?authuser=1&hs=179>



Department of Mechatronics Engineering Conducted a National Level Webinar on “Hydrogen and Fuel Cell Technologies” Organized by Mr.M.MM.Jegan AP/MCT on 9/5/2021.



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DEPARTMENT OF MECHATRONICS ENGINEERING

SPEAKER

K.NARENDRAN

UNIT MANAGER- ASSEMBLY OPERATIONS
 OLA ELECTRIC MOBILITY LTD,
 KRISHNAGIRI.



Webinar On "Real Life Application of Mechatronics"

DATE : 16-05-2021

TIME : 4.00 - 5.00 pm

Co-ordinator
 Mr.M.M.Jegan
 AP,MCT

Convenor
 Dr.S.J.Narmadha
 HOD,MCT

CEO & Principal
 Dr.k.karunakaran

Meeting Platform

GOOGLE MEET

<https://meet.google.com/lookup/asgqav774j?authuser=1&hs=179>



Department of Mechatronics Engineering Conducted a National Level Webinar on "Real Life Application of Mechatronics" Organized by Mr.M.MM.Jegan AP/MCT on 16/5/2021.



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DEPARTMENT OF MECHATRONICS ENGINEERING

SPEAKER

K.MEGAVENTHAN

SENIOR ENGINEER ,
 MAHINDRA RESEARCH VALLEY ,
 CHENNAI.



Webinar On "Industry Revolution of 4.0"

DATE : 13-05-2021

TIME : 4.00 - 5.00 pm

Co-ordinator
 Mr.M.M.Jegan
 AP,MCT

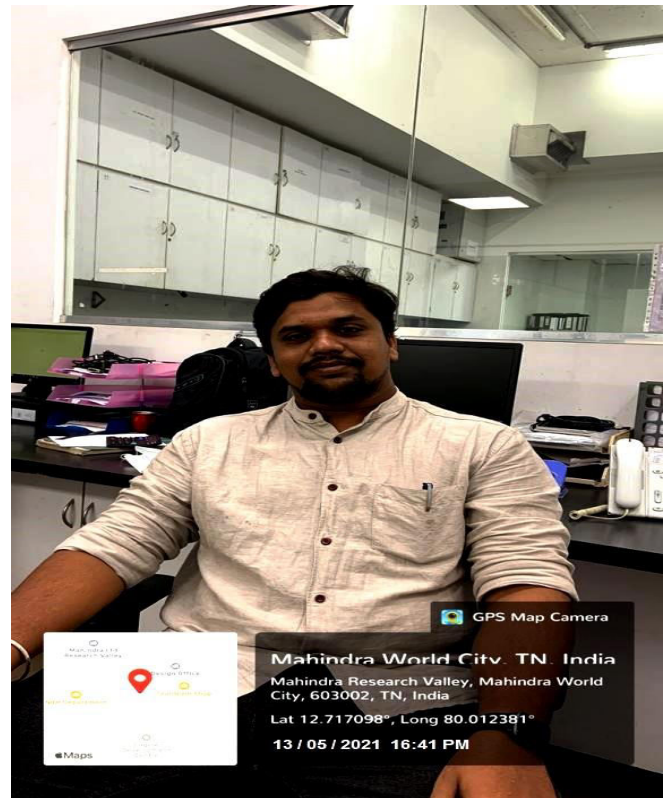
Convenor
 Dr.S.J.Narmadha
 HOD,MCT

CEO & Principal
 Dr.k.karunakaran

Meeting Platform

GOOGLE MEET

<https://meet.google.com/lookup/asgqav774j?authuser=1&hs=179>



Department of Mechatronics Engineering Conducted a National Level Webinar on "Industry Revolution of 4.0" Organized by Mr.M.MM.Jegan AP/MCT on 13.05.2021



Live Expert Talk
HOW TO BE READY FOR OPPORTUNITIES AFTER ENGINEERING

What is the new hiring process?
 What are their expectations?
 How can you get hired?

5th February 2021
 10:30 AM (1.5 hr)



Speakers
Mr. Mayank Arora
 7+ Yrs. Experience
 Founder, Elite Techno Groups

[REGISTER NOW](#)

For more details:
elitetechnogroups.com

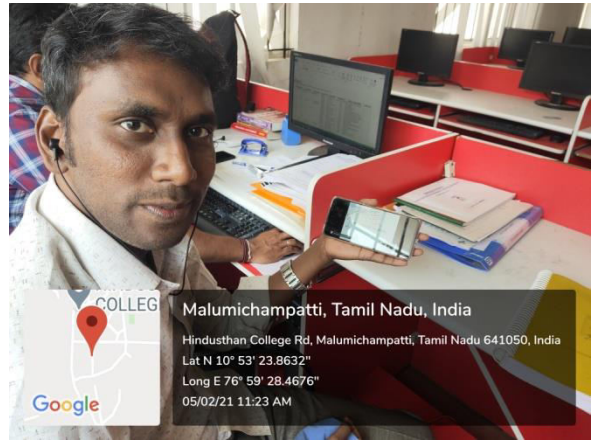
Attend this **Free-international Certification** webinar to achieve your dream job/higher study



Coordinator:
 Ms.S.Sowmya
 Assistant Professor

Convener:
 Dr.S.J.Narmadha
 Head of the Department
 Department of Mechatronics Engineering

Department of Mechatronics Engineering
 Hindusthan College of Engineering and Technology
 Valley Campus, Pollachi Highway, Coimbatore - 641032, Tamilnadu, INDIA



Department of Mechatronics Engineering Conducted a Live Expert Talk on “How to be ready for Opportunities after engineering” Organized by Ms.S.Sowmya AP/MCT on 05.02.2021



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www.hicet.ac.in



Department of Mechatronics Engineering

IIC Self Driven Activity
Webinar on
START YOUR OWN BUSINESS



Gowtham Sithaarth
 Proprietor,
 Linga Technologies, Coimbatore

Register @ <https://forms.gle/ma5zsfCDauL5rwMF6>

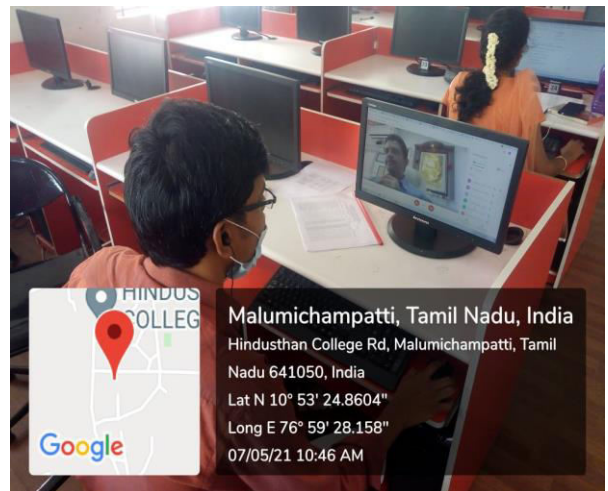


*E-Certificates will be provided to the participants
 7th May 2021 @ 10 am

Convener
 Dr.S.J.Narmadha
 Head of the Department,
 Department of Mechatronics Engineering
 HICET

Coordinator
 Ms.S.Sowmya
 Assistant Professor,
 Department of Mechatronics Engineering
 HICET

CEO & Principal
 Dr.K.Karunakaran



Department of Mechatronics Engineering Conducted a IIC Self Driven activity webinar on “Start Your Own Business” Organized by Ms.S.Sowmya AP/MCT on 07.05.2021



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Valley Campus, Pollachi Highway
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Department of Mechatronics Engineering

*Alumni Inspire:
Motivational
Speech*



Presented by
Mr. R. Ahimsamoorthy
Data Analyst, GOVE, Pudukottai

28th May 2021 @ 5 pm

Register @ <https://forms.gle/Ln1jjHjsYhakBgHa7>



<https://meet.google.com/jnn-bxhh-zfu>
Or dial: (US) +1 304-729-4442 PIN: 255 637 741#

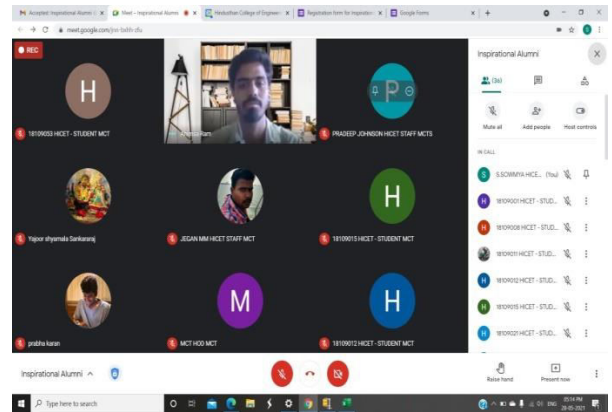
Google Meet

*E-Certificates will be provided to the participants

Convener
Dr. S. J. Narmadha
Head of the Department,
Department of Mechatronics Engineering
HICET

Coordinator
Ms. S. Sowmya
Assistant Professor,
Department of Mechatronics Engineering,
HICET

CEO & Principal
Dr. K. Karunakaran



Department of Mechatronics Engineering Conducted a Webinar on “INSPIRATIONAL ALUMNI” Organized by Ms. S. Sowmya AP/MCT on 28.05.2021