

VOLUME XIV

NOV 2020

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE-32

DEPARTMENT OF MECHATRONICS ENGINEERING



OPTIMUS PRIME

ACADEMIC YEAR 2020 - 2021

FROM THE EDITOR'S DESK



Welcome and best wishes to all who receive this Newsletter. It gives me great opportunity to present the 14th Issue of Optimus Prime. This internal newsletter is one of the ways in which we can disseminate information on the life of the Department. The past semester was full of various activities by the students and faculty in academic, co-curricular, extra-curricular. As you read through the pages you will realize, that the Department had a particularly successful semester. I would like to thank all my colleagues for their tireless efforts to help the department progress at a very steady pace. Our intention is to put out two issues per year, one in the month of May and the other in the month of November. The success of this newsletter depends on your response. We would appreciate your feedback.

**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 : Deva Praseeth, IV MCT A Section
S.RathinaKameesh, IV MCT B Section

**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

DEPARTMENT OF MECHATRONICS ENGINEERING

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	Franics 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	KPRIET	KPRIET

DEPARTMENT OF MECHATRONICS ENGINEERING

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
			Materials & Manufacturing "		
6		16.07.2020	Exclusive Webinar on COVID-19 & its impact on Study Abroad	Coimbatore	Coimbatore
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

DEPARTMENT OF MECHATRONICS ENGINEERING

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
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 Successful career path "	HICET	HICET
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	Mr.P.Karthik	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		09.07.2020	Attended International Webinar on "Engineering Project Management Scope,Cost,Risk,& Teams	Franics Xavier Engineering College	Triunelveli
26		13.07.2020	Webinar on "Industry 4.0 & Robot Application"	Franics Xavier Engineering College	Triunelveli
27		08.07.2020	Webinar on "Application of PCM Nano fluids in Thermal Power Plants "	Franics Xavier Engineering College	Triunelveli
28	Mr.R.Vinoth	14.07.2020	Attended webinar on "Techno-Operational Expertise Through Agile Methodology Devops For Budding Engineers "	Franics Xavier Engineering College	Triunelveli
29	Mr.Premanand	04.07.2020	Attended Webinar on "Ultrafine grained materials	IIT Bhilai	IIT Bhilai

DEPARTMENT OF MECHATRONICS ENGINEERING

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
			with futuristic properties"		
30		04.07.2020	Attended Webinar Education 4.0 - quality Accreditation and Ranking	Swami Keshvanand Institute of Technology , Managemant	Gramothan , Jaipur
31		08.07.2020	Webinar on "Application of PCM Nano fluids in Thermal Power Plants "	Franics 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	BIT	Sathyamanglam, coimbatore

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S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
			THE FUTURE”		
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
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	Rajagiri school of Engineering & technology	Kochi

DEPARTMENT OF MECHATRONICS ENGINEERING

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
			2		
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 21.11.2020	Six days AICTE Sponsored online STTP (Series-II) on "MANUFACTURING APPLICATIONS OF MICROMACHINING WITH EMPHASIS ON MAKE IN INDIA "	R.M.K.College of Engineering & Technology	Tiruvallur
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 tiitle"RADIO FERQUENCY ANALYSIS ON STEALTH	Gct, Coimbatore & NIT,AP	Coimbatore

DEPARTMENT OF MECHATRONICS ENGINEERING

S.No	Name of Staff	Date	Title of the FDP/Seminar/Workshop/S TTP/ Training program	Name of Organizing Institute	Place
			F-35 USING HYBRID FIBER REINFORVEC COMPOSITE MATERIALS "		
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 tiitle"RADIO FERQUENCY ANALYSIS ON STEALTH F-35 USING HYBRID FIBER REINFORVEC COMPOSITE MATERIALS "	Gct, Coimbatore & NIT,AP	Coimbatore
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

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

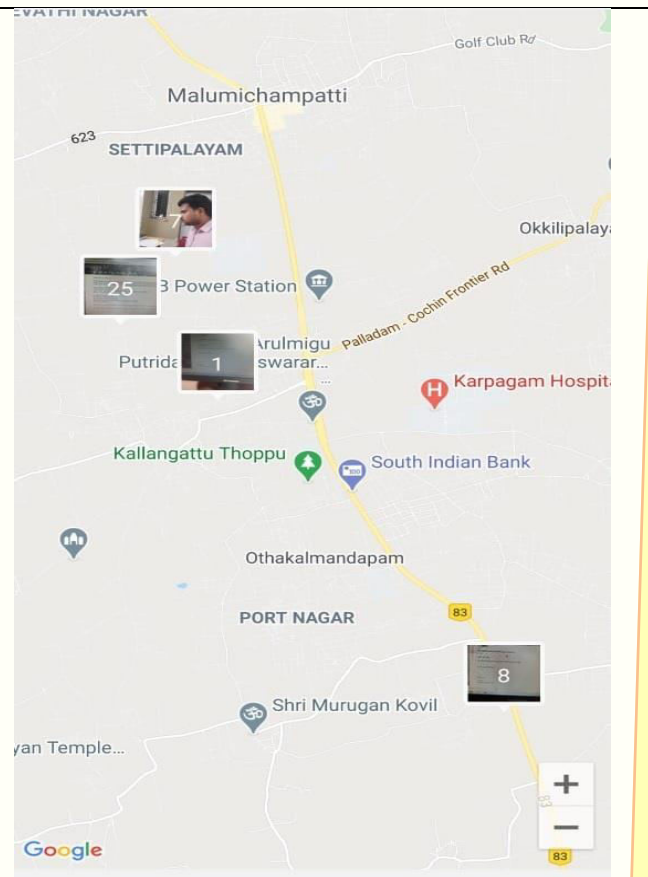
FREE REGISTRATION AT
<https://qrqo.page.link/FnVw7>

Meeting Platform
GOOGLE MEET
<https://meet.google.com/pkb-zkew-eae?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!
 FOR
Inaugural Function
 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

ATL

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

AICTE Training And Learning (ATAL) Academy

Certificate

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

Director ATAL 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 (FFDP) ALTERNATE FUELS 08 December 2020 to 12th November 2020				
SCHEDULE				
DAY 1, 08/12/2020 09:45 AM TO 11:15 AM SESSION 1 HAND MOTORS FOR IC ENGINES DR. V. ABEL MOHIE SELVAN Assistant Professor Department of Mechanical Engineering, Anna University, Chennai, India. abelmo@annauniv.edu	DAY 2, 09/12/2020 09:45 AM TO 11:15 AM SESSION 1 FUEL CHARACTERISTICS DR. S. S. KANNAN Professor PRRR College of Engineering and Technology, Srirangapatna sskannan@prrr.edu	DAY 3, 10/12/2020 09:45 AM TO 11:15 AM SESSION 1 WHITE COCONUT OIL DR. K. MURALIDHARAN Professor Department of Mechanical Engineering, PRRR College of Engineering and Technology, Srirangapatna kmuralidharan@prrr.edu	DAY 4, 11/12/2020 09:45 AM TO 11:15 AM SESSION 1 FUEL PROCESSING FOR IC ENGINES TECHNOLOGY DR. S. ANAND Assistant Professor Department of Mechanical Engineering, Anna University, Chennai, India. sanand@annauniv.edu	DAY 5, 12/12/2020 09:45 AM TO 11:15 AM SESSION 1 ALTERNATE FUELS- AVAILABILITY AND SUSTAINABILITY DR. S. EDWIN SUDHAKAR Professor & Head Department of Mechanical Engineering, Anna University, Chennai, India. sudhakar@annauniv.edu
11:45 AM TO 01:15 PM SESSION 2 HYDROGEN FUEL FOR IC ENGINES DR. S. SETHIL KUMAR Professor and Head Department of Mechanical Engineering, Anna University, Chennai, India. ssethil@annauniv.edu	11:45 AM TO 01:15 PM SESSION 2 ALCOHOL BASED FUELS FOR IC ENGINES DR. V. SRANAGADHAR Assistant Professor Department of Mechanical Engineering, Anna University, Chennai, India. vsranagadhar@annauniv.edu	11:45 AM TO 01:15 PM SESSION 2 THERMODYNAMIC ASPECTS IN IC ENGINES FUELLED WITH ALTERNATIVE FUELS DR. THIRUVEL. RAJESH P. RAJ S Professor Department of Mechanical Engineering, Anna University, Chennai, India. thiruvr@annauniv.edu	11:45 AM TO 01:15 PM SESSION 2 BIO-DIESEL, BIODIESEL AND ETHANOL: CHARACTERISTICS AND PRODUCTION TECHNOLOGIES DR. M. SURESH Assistant Professor Department of Mechanical Engineering, Anna University, Chennai, India. msuresh@annauniv.edu	11:45 AM TO 01:15 PM SESSION 2 UNIVERSAL HUMAN VALUES TEST DR. M. RAJAN Professor Department of Mechanical Engineering, Anna University, Chennai, India. mrajan@annauniv.edu
02:15 PM TO 03:45 PM SESSION 3 BIO MASS DR. S. VISWANATHAN Professor Department of Mechanical Engineering, Anna University, Chennai, India. viswanathan@annauniv.edu	02:15 PM TO 03:45 PM SESSION 3 OPTIMIZATION OF IC ENGINE PARAMETERS FOR ALTERNATIVE FUELS DR. M. FARHAN Professor & Head Department of Mechanical Engineering, Anna University, Chennai, India. mfarhan@annauniv.edu	02:15 PM TO 03:45 PM SESSION 3 ETHANOL BASED FUELS FOR IC ENGINES DR. RAJESH KUMAR C Professor and Head Department of Mechanical Engineering, Anna University, Chennai, India. rajeshkumar@annauniv.edu	02:15 PM TO 03:45 PM SESSION 3 ALGAE FUELS DR. T. MOHAN RAJ Assistant Professor Department of Mechanical Engineering, Anna University, Chennai, India. tmohanraj@annauniv.edu	02:15 PM TO 03:45 PM SESSION 3 TEST DR. K. KRANESH KUMAR Associate Professor Department of Mechanical Engineering, Anna University, Chennai, India. kkraneshkumar@annauniv.edu



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 1 - 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. Aneesh Kumar P
 STTP Coordinator

Dr. Jolly KG
 Professor & HOD

Dr. Sudha T
 Principal

Udharedhatmanathamam
 'Udharedhatmanathamam'

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

HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY
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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://qrgo.page.link/ijLP>

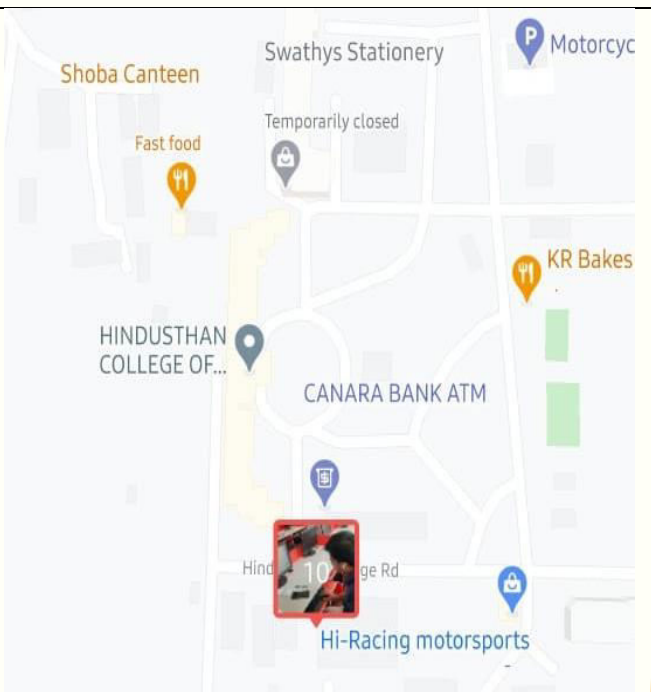


Meeting Platform
 Cisco webex

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.

HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY
 VALLEY CAMPUS, POLLACHI HIGHWAY, COIMBATORE
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 COIMBATORE - 641 032

DEPARTMENT OF MECHATRONICS ENGINEERING

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



FREE REGISTRATION AT
<https://forms.gle/9WMni7NfBK1SP5gg6>



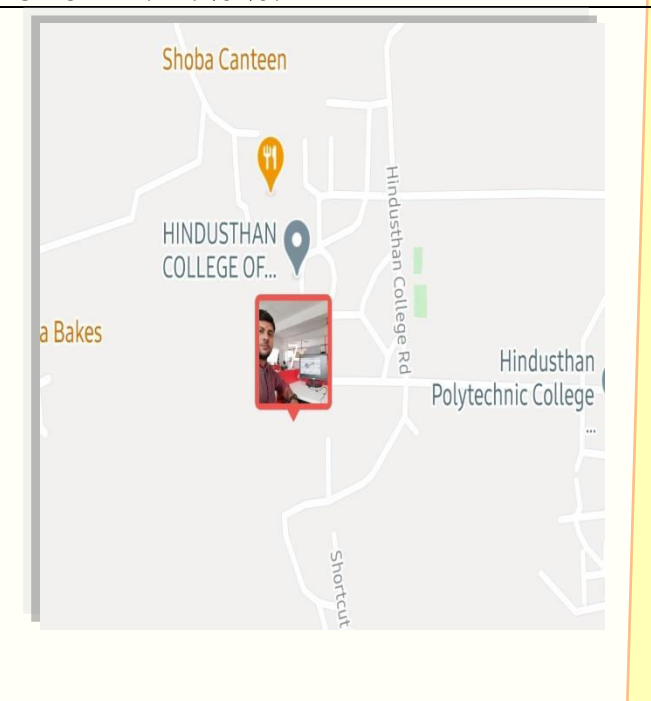
DATE : 31-10-2020
TIME : 10.00 - 11.00 am

Meeting Platform
 google meet
<https://meet.google.com/bjd-agse-ukq?hs=1226authuser=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