

MECHATRON 4.0

TECHNICAL WEBINAR SERIES

HOW TO PUBLISH RESEARCH ARTICLE IN REPUTED JOURNALS

Session Handled By:



Dr.K.PALANIKUMAR

Professor and Principal,
Sri Sairam Institute of Technology
Chairman, IE(I), Kanchipuram Section
National Executive Committee
Member, ISTE

TARGET AUDIENCE:

FACULTY, RESEARCH SCHOLARS AND STUDENTS

REGISTRATION FREE | E CERTIFICATE WILL BE ISSUED

Zoom Link for sessions will be sent through Email

JUNE 5TH 2020 | 5.30 – 6.30 PM

CONVENERS

Dr.S.Prakash
Prof and Dean

Dr.S.Sivasaravanan
Asso Prof, Mechatronics

Register at bit.ly/ResearchPublicationsWebinar

PATRONS

Dr.Mariazeena Johnson
Chancellor
Dr.Marie Johnson
President

COORDINATORS

Dr.G.Arunkumar, HOD Mech
Dr.Bupesh Raja, HOD Auto
Dr.P.Booma Devi, HOD Aero

Organized By:

School of Mechanical Engineering
Department of Mechatronics Engineering



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

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ACCREDITED WITH "A" GRADE BY NAAC

APPROVED BY AICTE

JEPPIAAR NAGAR, RAJIV GANDHI SALAI,

CHENNAI – 600119

www.sathyabama.ac.in



Session Handled By:



Mr. PRADEEP CHANDERSEKAR

General Manager (R&D)
FORCE Motors Limited

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Zoom Link for sessions will be sent through Email

JUNE 6TH 2020 | 6.00 – 7.00 PM

CONVENERS

Dr.S.Prakash
Prof and Dean

Dr.M.Sangeetha
Asst Prof, Mechatronics

Register at: bit.ly/SixSigmaWebinar

PATRONS

Dr.Mariazeena Johnson
Chancellor
Dr.Marie Johnson
President

COORDINATORS

Dr.S.Prakash, Dean Mech
Dr.G.Arunkumar, HOD Mech
Dr.Bupesh Raja, HOD Auto
Dr.P.Booma Devi, HOD Aero

Webinar on QUALITY & SIX SIGMA

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MECHATRON 4.0

TECHNICAL WEBINAR SERIES

MATERIALS FOR SENSORS AND CHARACTERIZATION

Session Handled By:



Dr. K.K. Ajith Kumar
CEO, MatRICS
Materials Research and
Innovation Centric Solutions

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Zoom Link for sessions will be sent through Email

JUNE 17TH 2020 | 5.00 – 6.00 PM

CONVENERS

Mr. J.R. Deepak
Asst Prof, Mechatronics

Dr. S. Prakash
Prof and Dean

Register at bit.ly/MetalProcessingWebinar

PATRONS

Dr. Mariazeena Johnson
Chancellor
Dr. Marie Johnson
President

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Dr. G. Arunkumar, HOD, Mech
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MECHATRON 4.0 TECHNICAL WEBINAR SERIES

TRANSFORMATION OF AUTOMOBILES ICE TO EV

Session Handled By:



Mr. Jegapriyan Govindarajan
Managing Director
Tecumseh Products India

REGISTRATION FREE | E CERTIFICATE WILL BE ISSUED

Zoom Link for sessions will be sent through Email

JUNE 17TH 2020 | 2.30 – 3.30 PM

CONVENERS

Dr. B. Kanimozhi
Professor, Mechatronics

Dr. J. Lilly Mercy
Asst Prof, Mechatronics

Register at bit.ly/ICE2EVWebinar

PATRONS

Dr. Mariazeena Johnson
Chancellor
Dr. Marie Johnson
President

COORDINATORS

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Dr. G. Arunkumar, HOD Mech
Dr. Bupesh Raja, HOD Auto
Dr. P. Booma Devi, HOD Aero

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MECHATRON 4.0 TECHNICAL WEBINAR SERIES

INSTRUCTIONAL TECHNOLOGIES DURING THE OUTBREAK OF COVID-19

Session Handled By:



Dr.KANNAN SIVAPRAKASAM
St. Cloud State University,
Minnesota, USA

REGISTRATION FREE | E CERTIFICATE WILL BE ISSUED

Zoom Link for sessions will be sent through Email

JULY 20TH 2020 | 6.00 – 7.00 PM

CONVENERS

Dr.S.Prakash
Prof and Dean,

Dr.M.Sangeetha
Asst Prof, Mechatronics

Register at: bit.ly/InstructionalTechnologies
Webinar

PATRONS

Dr.Mariazeena Johnson
Chancellor
Dr.Marie Johnson
President

COORDINATORS

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Dr.G.Arunkumar, HOD Mech
Dr.Bupesh Raja, HOD Auto
Dr.P.Booma Devi, HOD Aero

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SCHOOL OF MECHANICAL ENGINEERING DEPARTMENT OF MECHATRONICS ENGINEERING

ORGANIZES LIVE WEBINAR ON **RIGHT TO INFORMATION ACT**

Session Handled by:



Dr.D.LAKSHMANAN M.Com, Ph.D

Chief Administrative & Accounts Officer
Society for Electronic Transactions And Security (SETS)



JUNE 23rd 2021, Wednesday
3.00 – 4.00 PM



Meeting ID : **834 8975 3851**
Passcode : **12345**
bit.ly/MechatronicsDeptWebinar

REGISTRATION FREE

E CERTIFICATE WILL BE ISSUED

Register at: bit.ly/SathyabamaRTIWebinar



CHIEF PATRONS

Dr.Mariazeena Johnson
Chancellor

Dr.Marie Johnson
President

Ms.Maria Bernadette
Tamilarasi Johnson
Vice President

PATRON

Dr.T.Sasipraba
Vice Chancellor

CONVENERS

Dr.S.Prakash
Dean, Mechanical

Mr.J.R.Deepak
Asst Prof & Events Coordinator
Department of Mechatronics Engg

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TECH PRODIGIES!
YOU ARE WELCOME
TOO...



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A Joint Initiative by the staff and students of the
Department of Mechatronics Engineering

Tech Forum 2020

Development & Programming of An Animatronic Hand

PATRONS:

Dr. Mariazeena Johnson
Chancellor

Dr. Marie Johnson
President

Dr. T.Sasipraba
Vice Chancellor

CONVENOR:

Dr.S.Prakash
Dean-Mechanical

STAFF ORGANISERS:

Dr.J.Lilly Mercy

Mr. J.R.Deepak

STUDENT COORDINATORS:

Salamon Arockiaraj

Anirudh R.P.

Prasanna Kumar M.

Sudharshan N.

Rohit S.

Guraja Sidhartha

Mughilan R.B.

Date:

26

7

20

Time: 6:00 PM - 7:00 PM

Event conducted on



zoom

Open to students of age 15 and above.

E-Certificates would be provided

Free Registration!

Google Forms Link:

<https://forms.gle/hqhVmZMsdCXXtyPt7>



INTERNATIONAL FACULTY DEVELOPMENT PROGRAM ON TRENDS IN AUTOMOTIVE TECHNOLOGY



WOLLO UNIVERSITY - KOMBOLCHA
INSTITUTE OF TECHNOLOGY,
ETHIOPIA

MEDI-CAPS UNIVERSITY, INDORE,
INDIA

SATHYABAMA INSTITUTE OF
SCIENCE & TECHNOLOGY, CHENNAI,
INDIA

GALGOTIAS UNIVERSITY, GREATER
NOIDA, INDIA

* Date: 17/5/2021 – 22/5/2021 *6 Days *No registration fee *Open to all *Participants should attend program for the entire duration through online *E – certificate for the participants *for registration log on to <https://forms.gle/8xGyVw8YenQX9GA>

DAY	DATE /DAY	DETAILS	SESSION-1(11.30 Am To 12.30 Pm) IST	SESSION-2(1.30 Pm To 2.30 Pm) IST
1	17/5/2021 Monday	Topic Resource Person Affiliation	Introduction to IC Engines  Mr. Baye Oumer Lecturer (Chair Head) – Department of Mechanical Engineering (Motor Vehicle stream) Wollo University, KIoT - Ethiopia	Supercharging/ Turbocharging in IC Engines  Mr. Nakul Bansod Assistant Professor Mechanical & Automobile Engineering Department, Medi-Caps University, Indore - India
2	18/5/2021 Tuesday	Topic Resource Person Affiliation	Effect of Aqueous Nanofluid on Performance and Emissions of Compression Ignition Engine  Dr. S. P. Venkatesan Associate Professor, Department of Mechanical Engineering Sathyabama Institute of Science and Technology Chennai - India.	Vehicle waste heat recovery for automobile Air conditioning and Carbon Economy  Dr. KK Dubey Assistant Professor School of Mechanical Engineering Galgotias University Greater Noida - India
3	19/5/2021 Wednesday	Topic Resource Person Affiliation	Electric Vehicles and its Future  Mr. Ram Bansal Assistant Professor Mechanical Engineering Department Medi-Caps University, Indore - India	Braking system for Automobile  Mr. Hgoss Abay Tesfay Lecturer – Department of Mechanical Engineering (Motor Vehicle stream) Wollo University, KIoT - Ethiopia

4	20/5/2021 Thursday	Topic	Introduction to Electric, hybrid and fuel cell vehicles		Aerodynamics of Automotive Vehicles; Simulation on ANSYS FLUENT	
		Resource Person	 Dr. A. Karthikeyan		 Dr. Faisal Shameem	
		Affiliation	Professor School of Mechanical Engineering Sathyabama Institute of Science and Technology Chennai - India		Assistant Professor School of Mechanical Engineering Galgotias University Greater Noida - India	
5	21/5/2021 Friday	Topic	Role of Fronius CMT Technology for Automotive Manufacturing and Industry 4.0 challenges		Practical exposure on Sequential assembling of gasoline engines	
		Resource Person	 Mr. Davendra Gope		 Mr. Ravi Patel	
		Affiliation	Fronius India Private Limited		Assistant Professor Mechanical Engineering Department Medi-Caps University, Indore - India	
6	22/5/2021 Saturday	Topic	Current Status and Outlook for Alternative Fuels for IC Engines		Combustion characteristics and performance parameters of diesel engine fuelled with biodiesel	
		Resource Person	 Dr. J. Jayaprakash		 Dr. S. N. Agarwal	
		Affiliation	Associate Professor Department of Mechanical Engineering Sathyabama Institute of Science and Technology Chennai - India		Assistant Professor School of Mechanical Engineering Galgotias University Greater Noida - India	

FACILITATORS

Dr. RAVINDRA PATHAK

Prof. in Charge - Office of International affairs)
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 Email – ravindra.pathak@medicaps.ac.in
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INTERNATIONAL FACULTY DEVELOPMENT PROGRAM ON TRENDS IN AUTOMOTIVE TECHNOLOGY

PROGRAMME SCHEDULE

DATE: 17/5/2021

Indian Standard Time : 11.30 am

Ethiopia International Time : 9.00 am

FROM - MEDI-CAPS

(Introduction & Welcome Speech – 7 Min)

Dr. Ravindra Pathak – Facilitator (Introduction of University)

Prof.(Dr.)Sunil K Somani – Vice Chancellor (Welcome Speech)

FROM - GALGOTIAS UNIVERSITY

(Introduction & Welcome Speech – 7 Min)

Dr. Venkatesh Babu – Pro Vice Chancellor (Introduction of University)

Dr. Preeti Bajaj– Vice Chancellor (Welcome Speech)

FROM - SATHYABAMA INSTITUTE OF SCIENCE & TECHNOLOGY

(Introduction & Welcome Speech – 7 Min)

Mr. J. R. Deepak – Facilitator (Introduction of University)

Dr. Preethi Sheshadri – International Relations (Welcome Speech)

FROM - WOLLO UNIVERSITY - KIoT

(Introduction & Welcome Speech – 7 Min)

Dr. S. Prabhakar– Facilitator (Introduction of University)

Dr. Assamen Ayalew Ejigu– Research Director (Welcome Speech)

MODERATOR

Dr. Ravindra Pathak