

MECHVAARTHA

VOLUME: XII

A QUARTERLY NEWSLETTER OF OCTOBER-DECEMBER 2020



Editor in Chief
Dr. T.Nancharaiah

Editor
Dr. B.I.Hussain

**DEPARTMENT OF
MECHANICAL ENGINEERING**

*Bapatla Engineering College, Bapatla
522102, Andhra Pradesh, India.*

Editorial Board Members

Dr.T.Nanchariah, Editor in Chief

Dr. B.Iftekhar Hussain, Editor

Mr. S Vijay (Y20AME469) 1st sem B.Tech (M.E) Sec-B, Member

Mr. P Bhavani Sankar (Y20AME458) 1st sem B.Tech (M.E) Sec-B, Member

Mr. P Tharun (Y20AME454) 1st sem B.Tech (M.E) Sec-B, Member

Department of Mechanical Engineering

Bapatla Engineering College

Vision of the Department

"To become a center of Excellence in producing the graduates as professional Mechanical Engineers with a high-quality education, innovative and entrepreneurial skills to secure the society and industry needs".

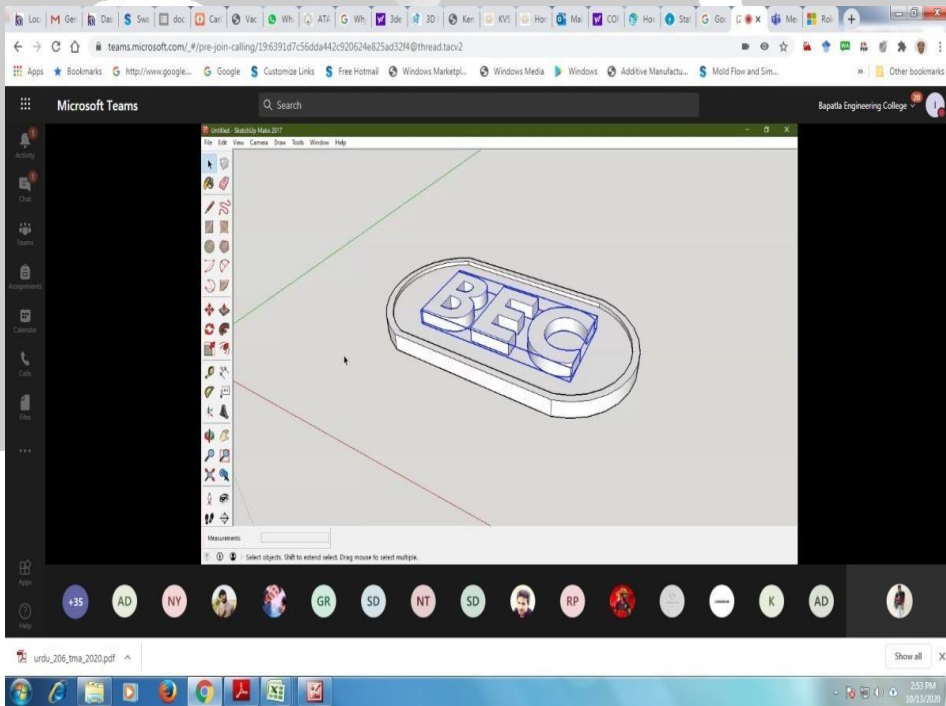
Mission of the Department

- *To impart high-quality education in curriculum and to build the students in their capacity and enhancing skills to make them globally competitive Mechanical Engineers.*
- *To prepare the students by providing exceptional academic environment, leadership, ethical guidelines and lifelong learning needed for a long professional career.*
- *To enhance the overall academic performance of the students gradually and thereby increasing their placement potential.*
- *To build the institute-industry interaction by providing the internship programs*

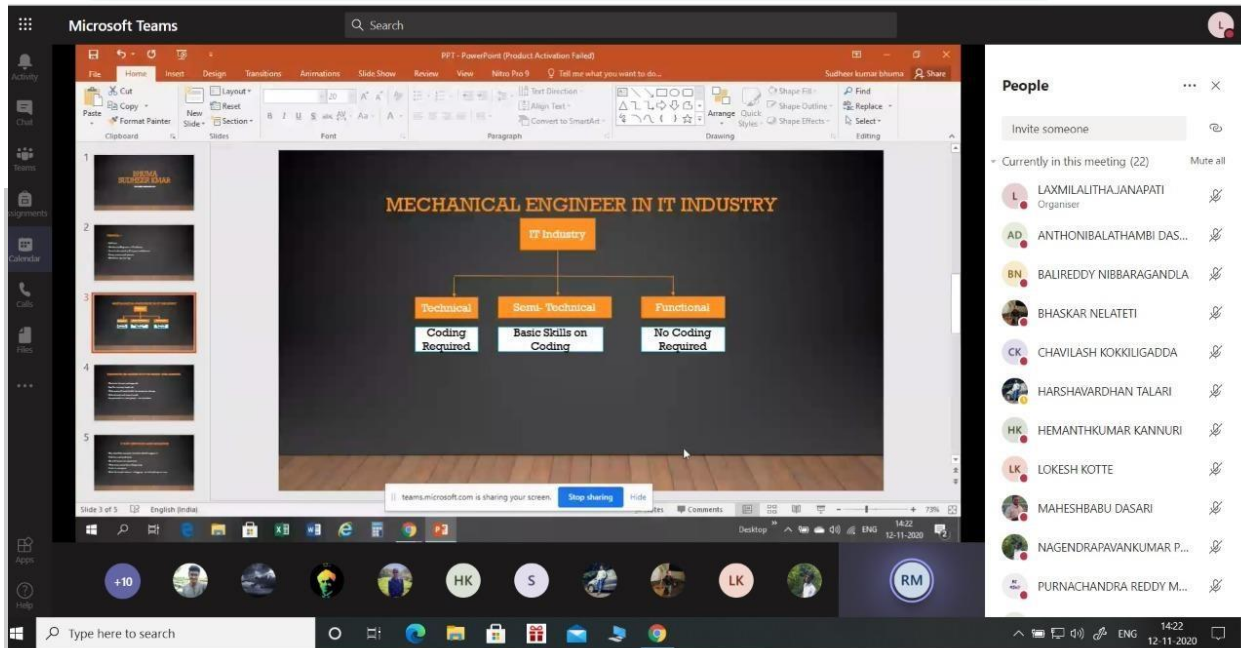
EVENTS CONDUCTED BY THE DEPARTMENT OF MECHANICAL ENGINEERING

1. A live Webinar was organised by the department on the topic "Road Map of 3D Printing Technology" in association with 3Dexter, Delhi. The resource person was Mr. Anand Kumar Mishra, Senior Product Trainer, 3Dexter, Delhi. It was conducted on Microsoft Teams platform on 13 October 2020 from 2.00pm onwards. It was conducted for acquiring basic knowledge on 3D printing technology. The participants were 3rd year and final year B. Tech (Mechanical Engineering) students along with the Faculty Members of the Department. It was organised by Dr. B. IFTEKHAR HUSSAIN, Associate Professor, Department of Mechanical Engineering, Bapatla Engineering College, BAPATLA. The programme was streamed through youtube for outside participants and through MS TEAMS for inhouse participants.





2. A guest lecture by Alumni, Mr. B.Sudheer Kumar was organized on 12.11.2020 at 2.00 PM on MS Teams platform final year B. Tech (Mechanical Engineering) students. The topic was "Mechanical Engineer in IT industry, ways to sustain".



3. Dr. B. IFTEKHAR HUSSAIN, Associate Professor of Mechanical Engineering Department had organized a webinar on "Fundamentals of Additive Manufacturing, A disruptive technology" with resource person as Md Karim Baig, Senior Software Engineer & Scrum Master, GE Additive, Bangalore on 21.11.2020 for all the three section students of B.Tech (Mechanical Engineering)

Live Webinar on
Fundamentals of Additive Manufacturing,
A disruptive technology



Resource person
Md Karim Baig
M.Tech (NITW), (Ph.D-IITM)
Senior Software Engineer & Scrum Master,
GE Additive, Bangalore

When
21st November 2020, 10.00am to 11.00am
Through MS Teams platform

For whom
Final year graduates of Mechanical
Engineering Discipline

Organiser
Dr. B. Iftekhar Hussain,
Associate Professor, Dept. of Mech. Engg.
Bapatla Engineering College, Bapatla

GUEST LECTURE ON ADDITIVE MANUFACTURING

15:18

Request control

Unmute (Ctrl+Shift+M)

Participants

Type a name

Presenters (2) Mute all

- IFTEKHARHUSSAIN.B Organizer
- Resource Person Mechanical

Attendees (68)

- ALEXANDAR NADAKURTHI
- ANTHONIBALATHAMBI DASA...
- ASWINKUMAR CHERUKURI
- BALIREDDY NIBBARAGANDLA
- BHARATKUMAR BATTULA
- BHASKAR PALADUGU On hold
- CHARANKUMAR BONTHU
- CHAVILASH KOKKILGADDA

Resource Person Mechanical

+63 RP SS VP CK

VENKATASREERAMAR... CHAVILASH KOKKILG...

Type here to search

10:11 21-11-2020

GUEST LECTURE ON ADDITIVE MANUFACTURING

27:32

Request control

Participants

Type a name

- Presenters (2) Mute all

- Attendees (8)

+76 SS VP CK MB I

CHAVLASHI KOKKUG... Resource Person Mechanical Mechanical Engineer... PRAKASHI THURIMELLA

Type here to search

10:23 21-11-2020

Objectives

- Get a broad picture of what additive manufacturing really is specifically DMLM technology
- Learn different approaches of AM
- How CAD, 3D & Computational geometry plays a role in AM?
- What is that industry is looking up to this technology?
- What are the present gaps and research areas in additive space?

Resource Person Mechanical

+76 SS VP CK MB I

CHAVLASHI KOKKUG... Resource Person Mechanical Mechanical Engineer... PRAKASHI THURIMELLA

Type here to search

10:23 21-11-2020

FACULTY ACHIEVEMENTS OF DEPARTMENT OF MECHANICAL ENGINEERING:

1. Dr. B. IFTEKHAR HUSSAIN of Mechanical Engineering Department was invited as Session Chair for 'National Conference on Advances in Modelling, Manufacturing and Materials Engineering (NCAMMME 2020)' conducted by Vignan's Foundation for Science, Technology & Research (Deemed to be University) Vadlamudi-522 213, Guntur Dt., Andhra Pradesh, India conducted during 30-31, October 2020.
2. Dr. V.V. Kondaiah and Dr .B. Ratna Sunil of Mechanical Engineering Department had delivered talks in webinar on “Importance of innovations and patents in India” on 17.12.2020 organised by Dr. D.Sameer Kumar on behalf of Centre for Innovation, Incubation, and Entrepreneurship, Bapatla Engineering College, Bapatla.
3. Dr. V.V. Kondaiah and Dr .B. Ratna Sunil of Mechanical Engineering Department had published a paper titled “Role of plunge depth on the joint formation and mechanical behavior of Al6063 AZ91 dissimilar lap joint produced by friction stir welding” in Journal of Material Science and Engineering Technology,(in press) published by Wiley indexed in SCI.
4. Dr .B. Ratna Sunil of Mechanical Engineering Department had published a paper titled “Aspergillus niger Decreases Bioavailability of Arsenic(V) via Biotransformation of Manganese Oxide into Biogenic Oxalate Minerals” in *Journal of Fungi*, 2020, 6, 270, 1-12, indexed in SCI.
5. Dr .B. Ratna Sunil of Mechanical Engineering Department had published a paper titled “Synthesis, characterization and antimicrobial properties of strontium substituted hydroxyapatite” in *Journal of the Australian Ceramic Society*,(in press) published by Springer indexed in SCI.
6. Dr .B. Ratna Sunil of Mechanical Engineering Department had published a paper titled “Machining characteristics, wear and corrosion behavior of AZ91 magnesium alloy - fly

ash composites produced by friction stir processing” in *Journal Material Science and Engineering Technology*, (in press) published by Wiley indexed in SCI.

7. Dr. B. IFTEKHAR HUSSAIN of Mechanical Engineering Department had completed NPTEL course on “Rapid Manufacturing” a specialization course under Manufacturing stream conducted by IIT KANPUR from June 2020 to December 2020.
8. V.SRINIVASULU of Mechanical Engineering Department had completed online course on “LaTeX101x: LaTeX for Students, Engineers, and Scientists” conducted by IIT Bombay from July 2020 to December 2020.
9. Dr. T NANCHARAI AH, Professor and Head, Mechanical Engineering Department acted as session chair for AICTE Sponsored E-Conference on Systems Modelling and System Dynamics.
10. Mr. SEELAM KRUGON of Mechanical Engineering Department had delivered a Guest Lecture on “Research Methodology” conducted by Department of Mechanical Engineering, SVCE, Bhimavaram.

WORKSHOPS/SEMINARS/CONFERENCES ATTENDED BY THE FACULTY OF MECHANICAL ENGINEERING DEPARTMENT:

Name of the Event	Title	Faculty Name	Organizers
Webinar	Webinar on "Applications of AR & VR in Mechanical Engineering"	Dr. B. IFTEKHAR HUSSAIN	Anurag University, Hyderabad in association with SNAGGER INDIA
FDP	One week Faculty Development Programme on “3D Printing- Future of Manufacturing”	Dr. B. IFTEKHAR HUSSAIN	VNR Vignana Jyothi Institute of Engineering and technology, Hyderabad.
FDP	AICTE Sponsored Short Term Training Programme on “3D Printing merges with Nanomaterials in Medical Applications”	Dr. B. IFTEKHAR HUSSAIN	Guru Nanak Institute of Technology, Hyderabad.
Webinar	National Webinar on “Road Safety” presented by Er. J Sheik Mohamed, RTO, Tirunelveli,	Dr. B. IFTEKHAR HUSSAIN	Christopher Arts and Science College(women), Soorangudi, Tamil Nadu

	Tamil Nadu		
FDP	TEQIP-III sponsored one week faculty development program on "RECENT ADVANCEMENT IN MECHANICAL ENGINEERING" (RAME-2020)	Dr. B. IFTEKHAR HUSSAIN	GOVERNMENT COLLEGE OF ENGINEERING, KEONJHAR, ODISHA in coordination with ICT Mumbai.
Webinar	National Webinar on "RESEARCH METHODOLOGY"	Dr. B. IFTEKHAR HUSSAIN	Raja Bahadur Venkat Rama Reddy Women's College (Autonomous), Hyderabad
FDP	AICTE, New Delhi under AQIS sponsored Six Days Online Short Term Training Programme on "Intellectual Property for Engineers & Scientists"	Dr. B. IFTEKHAR HUSSAIN	CMR Institute of Technology, Bengaluru, Karnataka 560037.
FDP	One Week AICTE sponsored Short Term Training Program on "Design of Experiments in Engineering"	Dr. B. IFTEKHAR HUSSAIN	B V Raju Institute of Technology, Narsapur, Medak dist., Telangana
FDP	AICTE, New Delhi under AQIS sponsored Six Days Online Short Term Training Programme on "Intellectual Property for Engineers & Scientists"-Phase 2	Dr. B. IFTEKHAR HUSSAIN	CMR Institute of Technology Bangalore, Karnataka
FDP	Five Day Webinar Series on "Innovations in Mechanical Engineering and Science"	Dr. B. IFTEKHAR HUSSAIN	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai, Tamil Nadu, India.

FDP	National Seminar on "RESEARCH SCOPES IN COEVAL STREAMS OF MECHANICAL ENGINEERING"	Dr. B. IFTEKHAR HUSSAIN	St. Peter's Institute of Higher Education and Research, (Deemed to be University) Chennai-54, Tamil Nadu, India.
FDP	AICTE Training And Learning (ATAL) Academy Online FDP on "3D Printing & Design"	Dr. B. IFTEKHAR HUSSAIN	All India Council for Technical Education, New Delhi and National Institute of Technology, Patna.
FDP	AICTE, New Delhi under AQIS sponsored Six Days Online Short Term Training Programme on "Intellectual Property for Engineers & Scientists" - Phase 3	Dr. B. IFTEKHAR HUSSAIN	CMR Institute of Technology Bangalore, Karnataka
Webinar	One day online webinar titled "Artificial Neural Networks for Mechanical Properties Prediction"	Dr. BEPORAM IFTEKHAR HUSSAIN	Narsimha Reddy Engineering College, Hyderabad
Webinar	One day online webinar titled "Innovative Design by TRIZ Method"	Dr. BEPORAM IFTEKHAR HUSSAIN	Narsimha Reddy Engineering College, Hyderabad
Webinar	One day online webinar titled "Innovative Design by TRIZ Method"	Dr. BEPORAM IFTEKHAR HUSSAIN	Narsimha Reddy Engineering College, Hyderabad
Webinar	National Webinar on Cynosure of Higher Education Today: e-teaching and learning	Dr. BEPORAM IFTEKHAR HUSSAIN	St. Xavier's College, Mahuadanr, Jharkhand
Webinar	One-day National level webinar on Recent Advancements in	Dr. BEPORAM IFTEKHAR HUSSAIN	Bapatla engineering College, Bapatla

	Aluminium and Magnesium Technologies		
Webinar	Webinar on "Industrial Automation and Robotics"	Dr. BEPORAM IFTEKHAR HUSSAIN	Kalsekar Technical Campus, New Panvel
Webinar	One day webinar on Operation Management-An Overview	Dr. BEPORAM IFTEKHAR HUSSAIN	NRI Institute of Technology, Guntur (Dt), Andhra Pradesh
Webinar	National-Level Webinar on Internet of Things	Dr. BEPORAM IFTEKHAR HUSSAIN	K. J. Somaiya Institute of Engineering and Information Technology (KJSIEIT), Sion, Mumbai
FDP	Recent Developments in Mechanical Engineering	Dr. Pacharu Ravi Kumar	P. V. P. Siddhartha Institute of technology, Vijayawada
QUIZ	An Awareness Quiz on Intellectual Property Rights	Dr. Pacharu Ravi Kumar	Bapatla Engineering College
FDP	Advanced Research Traits in Materials & Design of Mechanical Systems	Dr. T Nancharaiiah	Vignan University (Deemed to be)
FDP	RECENT TRENDS IN MANUFACTURING	Dr. T NANCHARAI AH	MAHATMA GANDHI INSTITUTE OF TECHNOLOGY, HYDERABAD
Webinar	INNOVATIONS IN PRODUCT DESIGN AND SUSTAINABLE MANUFACTURING	Dr. T NANCHARAI AH	GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI, BHAWANIPATNA, ODISHA
Webinar	The Scope of 3D Printing as a Startup in India	Dr. T NANCHARAI AH	Engineering College Banswara ,Rajasthan
FDP	Recent Developments in Mechanical Engineering	Dr. T NANCHARAI AH	Prasad V.Potluri Siddhartha Institute of Technology, VIJAYAWADA
STTP	Recent Advances in Micro Electro Mechanical	Dr. T NANCHARAI AH	Mahatma Gandhi Institute of Technology, Hyderabad

	Systems (MEMS), Mechatronics and Their Applications for Future Challenges		
Webinar	RESEARCHES IN SURFACE ENGINEERING FOR RELIABLE TRIBOLOGY	Dr. T NANCHARAI AH	GIMT, GUWAHATI
FDP	"3D Printing & Design	Dr. T nancharaiah	University College of Engineering (Autonomous), Osmania University
QUIZ	An awareness quiz on intellectual property rights	Dr. T. NANCHARAI AH	BAPATLA ENGINEERING COLLEGE
Webinar	CONDITION BASED MONITORING FOR CNC MACHINE TOOLS	Dr. T. NANCHARAI AH	CMTI, BANGALORE
STTP	Recent Advances in Materials and Manufacturing: Part III	Dr. T. NANCHARAI AH	Gayatri Vidya Parishad College of Engineering (Autonomous), Visakhapatnam
International Short-Term Course	Recent Advances of 3D printing and its Bio-medical Engineering Applications"	Dr. T. NANCHARAI AH	Royal Global University, Guwahati, Assam
Conference	International Conference on AI, Robotics and Automation	Dr. T. Nancharaiah	ICT Academy of Tamilnadu
FDP	Teaching and Learning of Additive Manufacturing Technology: Emphasis on Metal 3D Printing	Dr. TATA NANCHARAI AH	NIT, Warangal
FDP	Recent Advances in Renewable Energy & Energy Efficiency Technologies	Dr. TATA NANCHARAI AH	Mahatma Gandhi Institute of Technology, Hyderabad

Workshop	One day Virtual workshop on "Additive Manufacturing"	Dr.B. IFTEKHAR HUSSAIN	Mandsaur University, Mandsaur, M.P., India & Mcube 3D Printing Pvt Ltd., Bhopal, M.P
FDP	Online FDP on E-Content Development for Blended Learning	Dr.B. IFTEKHAR HUSSAIN	New Horizan College of Engineering, Bengaluru
QUIZ	National Level Quiz on Manufacturing Processes	Dr.B. IFTEKHAR HUSSAIN	Murugappa Polytechnic College, Chennai.
FDP	Three day FDP on "Outcome Based Education"	Dr.Ch Lakshmi Srinivas	Chalapathi Institute of Engineering & Technology
FDP	One week online FDP on Mechatronics	Dr.Ch Lakshmi Srinivas	Chennai Institute of Technology, Chennai
FDP	INDUSTRIAL ROBOTICS	GHANTA KANTHA PRASAD	GMR INSTITUTE OF TECHNOLOGY, RAJJAM
Webinar	PERSONAL BRANDING IS A NEED TO REACH PINNACLE	GHANTA KANTHA PRASAD	ST>JOSEPH INSTITUTE OF TECHNOLOGY, CHENNAI
Webinar	SIMULTANEOUS USING DRIVEN DESIGN USING ALTAIR HYPER WORKS	GHANTA KANTHA PRASAD	FRANCIS XAVIER ENGG.COLLEGE, TIRUNELVELI
FDP	ADVANCED MATERIALS, MACHINING AND CHARACTERIZATION	GHANTA KANTHA PRASAD	SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY ,BENGALURU
Webinar	RECENT ADVANCEMENTS IN ALUMINUM AND MAGNESIUM TECHNOLOGIES	GHANTA KANTHA PRASAD	BAPATLA ENGINEERING COLLEGE, BAPATLA
Webinar	INVENTION TO PATENT AWARENESS AND STRATEGIES	GHANTA KANTHA PRASAD	ST JOSEPH INSTITUTE OF TECHNOLOGY CHENNAI
FDP	Recent developments in Mechanical	K.Prasada Rao	PVP Siddhartha Institute of Technology, Vijayawada

	Engineering		
FDP	Advanced research traits in materials & design of mechanical systems	Kukkapalli Prasada Rao	Vignan University, Guntur
FDP	One Week National Level Faculty Development Program and Online Training on "OpenModelica and OpenIPSL"	Mr.SEELAM KRUGON	Department of Electrical and Electronics Engineering, Hosted by V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING, Gudivada.
FDP	"Five Day Online Faculty Development Program on OpenFOAM"	Mr.SEELAM KRUGON	organized by Departments of Mechanical & Civil Engineering jointly V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING in association with Spoken Tutorials, IIT Bombay
Webinar	Webinar on design think a self reliant india	Mr.SEELAM KRUGON	Department of mechanical Engineering , AJ institute of Engineering and technology
FDP	3 day FDP on Role of communication in digital substations	Mr.SEELAM KRUGON	Department of Electrical and Electronics Engineering, V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING, Gudivada.
FDP	Online FDP on The Role of Materials Science in Engineering: Applications Perspective"	Mr.SEELAM KRUGON	Conducted by Department of Physics and Chemistry, Mahatma Gandhi Institute of Technology
Worksh op	National Online Workshop entitled "Effective Online Teaching–Learning Using Google Forms"	Mr.SEELAM KRUGON	Organized under the aegis of Internal Quality Assurance Cell of Mahanth Madhusudan College, Bikram, Patna.
Worksh op	Innovation and Intellectual Property Rights Filing	P.Umamaheswar rao	Dr B R Ambedkar National Institute of Technology Jalandhar
FDP	Scientific Communication Research Paper and Proposal Writing	P.umamaheswarr ao	PSG College of Technology, Coimbatore

FDP	Advanced Materials, Machining and Characterization	P.Umamaheswar rao	Sir M Visvesvaraya Institute of Technology, Bengaluru-57.
FDP	Recent Advances in Material Science	P.Umamaheswar rao	St Joseph Institute of Technology, Chennai in association with IEI Kanchipuram local centre
Conference	International Virtual conference on CO2 and Green Technologies	P.Umamaheswar rao	Vellore Institute of Technology, Vellore
Workshop	Interdisciplinary Approach of Tribology in Engineering and Biomedical Research	P.Umamaheswar rao	National Institute of Technology Silchar, Assam
FDP	Green Energy Technologies: Need of Future	P.Umamaheswar rao	Vaagdevi college of Engineering, Warangal & National Institute of Technology Srinagar
FDP	EMERGING RESEARCH AREAS IN MECHANICAL ENGINEERING	M PARDHA SARADHI	CMR Technical Campus, Hyderabad
QUIZ	Fundamentals of Welding Technology	M PARDHA SARADHI	VVCE, Mysore.
Webinar	Additive Manufacturing Fundamentals and Applications	M PARDHA SARADHI	ASTM international, NTU Innovation Centre, Singapore
Workshop	Implementation of Multi-objective Optimization Algorithm (NSGA - II) using MATLAB	S VIJAY	RIT-Center for Teaching and Learning (RIT-CTL)
FDP	ADVANCED OPTIMIZATION TECHNIQUES FOR RESEARCH PROBLEM SOLVING	SAMEER KUMAR DEVARAKONDA	Mahatma Gandhi Institute of Technology, Hyderabad
STTP	NBA Accreditation and SAR Preparation for	SAMEER KUMAR DEVARAKONDA	NITTTR, Kolkata

	Engineering Institutes		
Conference	International Conference on AI , Robotics and Automation	SAMEER KUMAR DEVARAKONDA	ICT Academy of Tamilnadu
Conference	INTERNATIONAL CONFERENCE ON ADVANCED MATERIALS BEHAVIOR AND CHARACTERIZATION (ICAMBC 2020)	SARANU RAVIKUMAR	MATTEST RESEARCH ACADEMY , CHENNAI
FDP	"Role of Materials and Processing in Additive Manufacturing: 3D Printing to Industry-2020	SARANU RAVIKUMAR	GLA University, Mathura in association with Indian Institute of Metals (IIM), Mathura Chapter.
FDP	ADVANCED RESEARCH TRAITS IN MATERIALS AND MECHANICAL SYSTEMS	SARANU RAVIKUMAR	VIGNAN'S UNIVERSITY , VADLAMUDI,GUNTUR
Webinar	RECENT ADVANCEMENTS IN ALUMINIUM AND MAGNESIUM TECHNOLOGIES	SARANU RAVIKUMAR	BAPATLA ENGINEERING COLLEGE,BAPATLA
Webinar	YOUR MIND-YOUR MASTER	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING , COIMBATORE
Webinar	QUIT YOUR COMFORT ZONE AND HIT YOUR TARGET	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE
Webinar	TRENDS IN IOT	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING,COIMBATORE
Webinar	Three-day National level webinar on "Recent Trends in Materials Science (RTMS-2020)	SARANU RAVIKUMAR	USHARAMA COLLEGE OF ENGINEERING AND TECHNOLOGY, Telaprolu, Unguturu Mandalam, Near Gannavaram, Krishna District, AP- 521109. TECHNOLOGY,
Webinar	SMART MANUFACTURING	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING,COIMBATORE

	G AND ITS INSIGHTS		
Webinar	RURAL DEVELOPMENT WITH PEOPLES PARTICIPATION	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE
Webinar	BUILDING A SUCCESSFUL RESEARCH CAREER IN ACADEMIA	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE
Webinar	A JOURNEY OF AN ENTREPRENEUR	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE
Webinar	BASICS OF POLYMER PHOTOVOLTAICS	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING
FDP	"LATEST TRENDS IN ENGINEERING, SCIENCE AND TECHNOLOGY: NANOMATERIALS	SARANU RAVIKUMAR	Lendi Institute of Engineering and Technology, Vizianagaram,
Webinar	INNOVATION IN EDUCATION	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE
Webinar	AN INSIGHT IN TO MOBILITY	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING , COIMBATORE
QUIZ	A National Level Technical e-Quiz on Production Technology	SARANU RAVIKUMAR	RISE Krishna Sai Polytechnic
Webinar	PRODUCT LIFE CYCLE MANAGEMENT	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE
Webinar	IMPACT OF ENGINEERING AND ELECTRONICS IN HEALTH CARE INDUSTRY	SARANU RAVIKUMAR	SRI ESHWAR COLLEGE OF ENGINEERING, COIMBATORE
FDP	Recent Developments in Mechanical Engineering	SARANU RAVIKUMAR	Prasad V.Potluri Siddhartha Institute of Technology, Vijayawada
FDP	ATAL FDP ON NOVEL	SARANU RAVIKUMAR	Government college of Engineering, Thanjavur

	MATERIALS		
FDP	AICTE Training And Learning (ATAL) Academy Online FDP on "Novel Materials	SARANU RAVIKUMAR	Government college of engineering, Thanjavur.
Confere nce	ONE DAY INTERNATIONAL CONFERENCE ON ENGLISH LANGUAGE TEACHING	SARANU RAVIKUMAR	SARADHA GANGADHARAN COLEGE,PUDUCHERY
FDP	AICTE Training And Learning (ATAL) Academy Online FDP on "Sensors Technology	SARANU RAVIKUMAR	The National Institute of Engineering MYSURU.
FDP	A Five Day Faculty Development Program online FDP on "Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles"	SEELAM KRUGON	Department of Electrical & Electronics Engineering, Bapatla Engineering College, Bapatla.
QUIZ	Basics of Business Management	SEELAM KRUGON	MLR, Hyderabad
FDP	five day online Faculty Development Program on "Cyber Security"	SEELAM KRUGON	in association with Supraja Technologies
QUIZ	Kinematics of Machines	SEELAM KRUGON	Dept of Mechanical Engg, GMIT
Webinar	INTRODUCTION TO ROBOTICS	SEELAM KRUGON	DEPARTMENT OF EEE of SURYA GROUP OF INSTITUTIONS School of Engineering and Technology
FDP	one week International FDP on "Advanced Engineering	SEELAM KRUGON	VEL Tech HIGH Tech, Chennai

	Materials for Strategic & Societal Sectors - Current Perspectives"		
QUIZ	Research Methodology	SEELAM KRUGON	Kalinga University
QUIZ	National Level Online Quiz on "E-Learning"	SEELAM KRUGON	department of Computer Engineering P.V.P.P. College of Engineering, Mumbai-22
Webinar	National level webinar titled "Role of Nano materials in Electrochemical devices and photocatalysis" conducted by the	SEELAM KRUGON	Faculty of E&T, 1 year B.Tech, Department of Chemistry, Dr.M.G.R.Educational and Research Institute on
Webinar	"Industrial Applications of Robust Design"	SEELAM KRUGON	Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli
QUIZ	Online quiz on "Accreditation and Outcome Based Learning	SEELAM KRUGON	KGISLIT, Coimbatore
Webinar	SMART MANUFACTURING	SEELAM KRUGON	Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli
QUIZ	Online Quiz on "Total Quality Management	SEELAM KRUGON	Dept Of Mech Engg, GTJEC
QUIZ	"Online Technical Quiz on "Material Science"	SEELAM KRUGON	Dept Of Mechanical Engineering, GMIT, Karnataka
Webinar	Feedback evaluation for Advances and current trends in Aerospace research With current Samples	SEELAM KRUGON	Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli
Webinar	Energy Management in Building	SEELAM KRUGON	Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli
Webinar	webinar on Entrepreneurship Ecosystem	SEELAM KRUGON	GMIT R&D, Karnataka
Seminar	NBA Preparation	SEELAM	In Association with ISTE

	and CO-PO Mapping	KRUGON	
FDP	3-Day Faculty Development Program on "Fracture Mechanics" (FM-2020)	SEELAM KRUGON	Department of Mechanical Engineering, PES Institute of Technology and Management, Shivamogga.
Webinar	National Webinar on "Social Media Marketing"	SEELAM KRUGON	Alfa Arts and Science College, CHENNAI
FDP	Five day online Workshop on Research for Mechanical Engineering	SEELAM KRUGON	Dept of Mechanical Engg, SVCE, Bhimavaram
Webinar	webinar on "Ultrafine grained materials: Old material with futuristic properties"	SEELAM KRUGON	Department of Mechanical Engineering, Indian Institute of Technology Bhilai Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli
Webinar	"GEOGRAPHIC INFORMATION SYSTEMS"	SEELAM KRUGON	Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli
Webinar	Overcoming hurdles in startup	T SIVA SANKAR	ST. Joseph's institute of technology, Chennai
Webinar	Personal Branding is a Need to Reach Pinnacle	T SIVA SANKAR	St. Joseph Institute of Technology, Chennai
Webinar	Simulation Driven Design using Altair Hyper Works	T SIVA SANKAR	Francis Xavier Engineering College, Tirunelveli
Webinar	Numerical Investigation of Flow and Heat Transfer using Nanofluids	T SIVA SANKAR	Francis Xavier Engineering College, Tirunelveli
Webinar	Invention to Patent Awareness and Strategies	T SIVA SANKAR	St. Joseph Institute of Technology, Chennai
Webinar	Processing of Light Metal Alloys and Characterization	T SIVA SANKAR	Raghu Institute of Technology, Vishakapatnam
Webinar	Recent Advancements in Aluminium and	T SIVA SANKAR	Bapatla Engineering College

	Magnesium Technologies		
Quiz	NATIONAL LEVEL ONLINE TECHNICAL QUIZ OF "MECHANICAL ENGINEERING"	Dr. B. Iftekhar Hussain	NADIMPALLI SATYANARAYANA RAJU INSTITUTE OF TECHNOLOGY(AUTONOMOUS) , VISAKHAPATNAM, ANDHRA PRADESH, INDIA,
FDP	2-Week AICTE Sponsored FDP Program on "Research Methodology, Design of Experiments for Researchers"	Dr. B. Iftekhar Hussain	R.V.R & J.C College of Engineering, Guntur
FDP	Process Management in Problem Solving (Online LIVE FDP)	V.SRINIVASULU	ICT Academy
FDP	AICTE Training And Learning (ATAL) Academy Online FDP on "Robotics"	V.SRINIVASULU	Bharati Vidyapeeth (Deemed to be University) College of Engineering Pune