



KUMARAGURU
COLLEGE OF TECHNOLOGY



Department of Mechanical Engineering

Newsletter

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JULY 2020

Editors:

Dr. C. Velmurugan
Mr. B. N. Sreeharan

Associate Editors:

Mr. P. Kapil Anandh
Mr. B. Praveen

DEPARTMENTAL ACTIVITIES

GUEST LECTURES DELIVERED / SESSIONS CHAIRED

- Dr. R. Manivel, Professor involved in the reviewing and evaluation Subsea Jumper Design on 02.06.2020 for Cameron -Schlumberger PGDEE VI Batch Trainees.
- He also involved in Product Design Review 1 on 06.06.2020 and 07.06.2020 for Cameron Schlumberger PGDEE VI Batch Trainees.

PAPER PUBLICATIONS

- Dr. K. M. Senthilkumar, Associate Professor published a paper titled "Experimental investigation on analysis of performance of vortex tube through implementation of sustainable manufacturing" in the Scopus indexed International Journal of Business Innovation and Research, Vol. 22, No. 2, pp. 181-190.

PAPERS REVIEWED

- Dr. V. R. Muruganantham, Associate Professor, reviewed a paper titled "Short-Term Dynamic Exchange Rate Model: IFEER Concept Development" of the Special Issue for International Journal of Advances in Science, Technology and Engineering Systems.
- Mr. B. N. Sreeharan, AP (II), reviewed a paper titled "Neural network-based fault diagnosis of joints in high voltage electrical lines" of the Special Issue for International Journal of Advances in Science, Technology and Engineering Systems.

FDP / COURSES / WORKSHOPS / WEBINARS / TRAINING PROGRAMMES ATTENDED

Dr. C. Velmurugan, Professor & HoD

- Completed a Six Weeks online course on Introduction to Psychology in course era- 01-06-2020- Yale University.
- Completed a Five Weeks online course on Wind Energy in course era- 02-06-2020- Technical University of Denmark.
- Completed a Five Weeks online course on Machine Design Part 1 in course era- 05-06-2020- Georgia Institute of Technology.
- Completed a Four Weeks online course on New models of business in society in course era- 10-06-2020- University of Virginia.
- Attended a DC Meeting on 12-06-2020, 10.00 AM for the Candidate Mr. S. Jeyaprakasam at KSR College of Technology through online mode.
- Participated one week online faculty development programme on Enhancing research and consultancy skills during 22-06-2020 to 26-06-2020 organized by Rajarambapu Institute of Technology, Sakharale.

Dr. V. Muthukumaran, Professor

- Attended three day, The republic of letters Conference on Higher education from 24th to 26th of June 2020.

DEPARTMENTAL ACTIVITIES

- Attended one week FDP on "Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies", organized by Department of Mechanical Engineering during 9th to 13th June 2020
- Attended one week FDP on "Advanced Machining Techniques" organized by the Department of Mechanical Engineering at Sathyabama Institute of Science and Technology (Deemed to be University), Chennai from 22nd June to 27th June 2020.
- Completed 6 weeks course on : Material Behavior in coursera by Georgia Institute of Technology.
- Attended a webinar on "Australia Virtual Masterclass Series" June 3rd 2020.
- Attended a webinar on "IFEES GEDC IUCEE Webinar: PBL, Sustainable Development Goals and Engineering Education " June 3rd 2020.
- Attended a webinar on "New Learning Solutions in Education : Beyond Classrooms " June 4th, 2020.
- Attended a webinar on "Application of Autodesk on the designing of Sheet Metal 2020 " June 5th, 2020.
- Attended a training on " Microsoft Team " June 9th, 2020.
- Attended a training on " Microsoft Team " June 12th 2020.
- Attended a webinar on " Adopting Digital Teaching Methods " June 17th, 2020.
- Attended a webinar on " Patents - All Your Questions are Answered " June 17th, 2020.
- Attended a webinar on " Recent Trends in Wheeled Mobile Robots " June 20th, 2020.
- Attended a webinar on " Exploring Online Tools for Content Creation in Teaching"" on 29th June 2020.

Dr. R. Manivel, Professor

- "Webinar on Leadership Talk with Ms. Ashwini organised by MHRD Innovation cell, New Delhi
- "Webinar Patent Filing and Prosecution KCT IPR Cell & MHRD Innovation Cell on 06-06-2020 on 01-06-2020
- "Attended Online Course on NPTEL Course ON "Refrigeration and Air-conditioning by Prof. M. Ramgopal, IIT Kharagpur on 08-06-2020
- Completed ""FDP on Potential Areas of Research In Mechanical Engineering"" 15-20, June 2020 VITS, Hyderabad
- Attended Online Course on Simulation from CornellX - ENGR2000X from EDX held from 08-06-2020 to 29-06-2016 (Three Weeks)
- Attended NAAC Webinar organised by RCAS on 21-06-2020
- Attended ROL Lecture Series -Virtual Conference Asoka University and Harappa Education from 24-06-2020 to 26-06-2020
- Attended Panel Discussion on NIRF 2020: What does it take to excel? by KPMG on 27-06-2020
- Attended Webinar - Exploring Online Tools for content creation in Teaching - IQAC, KCT on 29-06-2020

Dr. P. Sathyabalan, Professor

- Attended a webinar - Geometrical Dimensioning and Tolerancing for Engineering Design - 12/6/2020 - Tanuj Academy & ROBORAM.
- Completed 5 weeks online course in Coursera - Applications in Engineering Mechanics - 15/6/2020 - Georgia Institute of Technology.
- Online training - MATLAB Onramp - 20/6/2020 - MATLAB Academy
- Online training - Simulink Onramp - 25/6/2020 - MATLAB Academy

DEPARTMENTAL ACTIVITIES

- Attended a webinar - Exploring Online Tools for content creation in Teaching - 29/6/2020 - IQAC, KCT

Dr. N. Sangeetha, Sr. Associate Professor

- TEQUIP III - sponsored FDP - MATLAB Programming for Meta-heuristic Multi-objective Optimization Techniques – Hands on Training 22-06-2020 to 26-06-2020 (8 hours * 5 days) , organized by GCT , CBE.
- Grammar and Punctuation -an online non-credit course authorized by University of California, Irvine and offered through Coursera, 4 week course completed on 2-06-2020.
- Introduction to Engineering Mechanics an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera- 5 week course completed 05-6-2020
- 6 weeks course Fundamentals of Fluid-Solid Interactions - coursera- 5 weeks completed.
- 5 weeks course. Applications in Engineering Mechanics - coursera-2 week completed.
- External Chairperson for "Online intra conference in PG -Engineering Design Discipline " organized by GCT, CBE on 25-06-2020.

Prof. T. R. Sukumar, Associate Professor

- Attended one week FDP on automobile Technologies organised by Kalasalingam university.
- Completed online course on Introduction to Psychology through coursera.
- Completed online course on Introduction of engineering mechanics through COURSERA.
- Prepared short motivational videos (10)and uploaded in you tube.
- Attended two KCT alumni talk series

- Attended Five Webinar series
- Webinar on exploring online tools for content creation in Teaching organised by IQAC cell, KCT on June 2020
- NPTEL lecture on What are the skills for the future Dr. Augustus G. S. AZARIAH IIT Madras
- NPTEL Lecture on Introduction to bird watching as a hobby and science Dr. Suhel Quader, senior scientist, Nature conservation
- NPTEL Lecture on Future - Proof ERP strategy Mr. Anil Lakhan COPGIMINI Director and Chief Architect.

Dr. K. M. Senthilkumar, Associate Professor

- Participated in 5 day Online Faculty Development Programme on "Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies", organized by Department of Mechanical Engineering during 9th to 13th June 2020.
- Participated in One week online Faculty Development Program, "Srujan-The way Ahead" based on "The Effective Techniques of Teaching and E-Commerce" from 1st June to 5th June 2020 organized by Saraswati Institute of Technology .
- Attended the Five days online Faculty Development Program on "Manufacturing, Machining and Testing of Composites" organised by Department of Mechanical Engineering at Sri Sai Ram Institute of Technology from 15.06.2020 to 19.06.2020.

DEPARTMENTAL ACTIVITIES

- Participated six days webinar on "Modern Materials and Industrial Automation" organised by Department of Mechanical Engineering at Sri Sai Ram Institute of Technology from 20.06.2020 to 25.06.2020
- Participated one week online faculty development programme on Enhancing research and consultancy skills during 22-06-2020 to 26-06-2020 organized by Rajarambapu Institute of Technology, Sakharale.
- Participated five days online on Faculty Development Program on Artificial Intelligence organised by FICCI-AICTE Training and Learning (ATAL) Academy from June 15-19,2020.
- Published a Paper "Experimental investigation on analysis of performance of vortex tube through implementation of sustainable manufacturing" Int. J. Business Innovation and Research, Vol. 22, No. 2, 2020
- Participated in a Webinar on "CREATING A LEAN CULTURE " organized by the Department of Mechanical Engineering, Paavai Engineering College on 27-06-2020.
- Participated in a webinar on "Cold Chain for Life Sustainability" organised by Indian Society of Heating Refrigerating and Airconditioning Engineers (ISHRAE) Coimbatore Chapter on 26th June 2020 on the eve of World Refrigeration Day.
- Participated in a Webinar on Digital Transformation 2.0 by IBM on June 10th, 2020.
- Participated in a Centenary Webinar on "TRANSFORMING ENGINEERING EDUCATION: EMERGING SCENARIO" organised by The Institution of Engineers on 15 June 2020.
- Completed 6 weeks course on : Material Behavior in coursera by Georgia Institute of Technology.

Dr. V. R. Muruganantham, Associate Professor

- Attended one week FDP on Computational Tools on Engineering & Research opportunities & challenges, organized by RR Institute , Lucknow during 1st to 6th June 2020
- Attended one week FDP on Contemporary Developments in manufacturing process, organized by Pragathi Engineering College during 9th to 13th June 2020
- Attended one week FDP on Composite materials and structures, organized by Rajiv Gandhi Memorial college during 15th to 19th June 2020
- Attended one week FDP on Advanced Machining Techniques organized by Sathyabama Institute of Science and Technology, Chennai from 22nd June to 27th June 2020.
- Attended one week FDP on Design Services in Advanced Manufacturing, organized by Mahavir Institute of Technology from 22nd June to 27th June 2020.
- Participated in the 5 Day INDUSTRY FOCUSED PROGRAM on the Role of Engineers IN MAKING INDIA A FIVE TRILLION DOLLAR ECONOMY during 22nd to 26th June 2020 by Uniteup.
- Participated in a Quiz titled as Energy Environment Engineering conducted by AIT, during June 2020.

DEPARTMENTAL ACTIVITIES

- Participated in a 5 days webinar series on Technologies shaping future automation, conducted by E & I of KCT during 15th to 19th of June 2020.
- Attended a webinar titled as Additive Manufacturing - 3D Printing, conducted by Sathyabama Chennai on 4th June 2020
- Attended a webinar titled as Patenting your Innovations, conducted by St. Peter Engineering College on 16th June 2020
- Attended a webinar titled as Roles of Robots in Industry 4.0, conducted by Dr MCET on 18th June 2020
- Attended a webinar titled as Leadership and Governance by NBA perspective, conducted by Rajarambabu Institute on 23rd June 2020
- Online course with coursera titled as Essential of Entrepreneurship is under progress
- "Attended Webinar on ""Exploring Online Tools for Content Creation in Teaching"" organized by KCT on 29th June.
- "Attended a two days TEQUIP sponsored workshop titled as "Innovate with 3D printing" organized by GCT, Coimbatore during 29th and 30th June.
- Completed 4 weeks online course 'Project Management Project' through courseera
- Completed online specialization 'Project Management Principles and Practices' through courseera
- Completed online course 'Standard precautions : Waste management' through WHO platform
- Completed 3 weeks online course 'Supply Market Analysis' through courseera
- Attended webinar on 'You can become a good researcher-Research planning & implementation, Sri Eshwar College of Engineering, Coimbatore
- Attended webinar on 'Skill set for enhancing employability', Sri Eshwar College of Engineering, Coimbatore.

Dr. S. Balasubramaniam, Associate Professor

Dr. M. Balaji, Associate Professor

- Completed 4 weeks online course 'The Marketing Plan' through courseera
- Completed 6 weeks online course 'Initiating and Planning Projects' through courseera
- Completed 5 weeks online course 'Budgeting and scheduling projects' through courseera
- Completed 5 weeks online course 'Managing Project Risks and Changes' through courseera
- Attended one week FDP on "Intelligent machining", organized by Pragati Engineering College during 9th to 13th June 2020
- Attended one week FDP on "Perspectives in teaching & learning", organized by NITT - Trichy during 15th to 20th June 2020
- Attended one week FDP on "Advanced Machining Techniques", organized by Sathyabama University during 22nd to 27th June 2020
- Completed 4 weeks NPTEL course on : Inspection and Quality control in manufacturing by Indian Institute of Technology.
- Completed 4 weeks COURSERA course on : Digital Manufacturing and Design by SUNY The State University, New York
- Completed 4 weeks COURSERA course on : Work Smarter, No Harder by University of California Division of Continuing Education, New York
- Attended 10 nos of various webinars and training programs during June 2020

DEPARTMENTAL ACTIVITIES

Dr. B. Senthilkumar, Associate Professor

- Webinar "NLP - Natural language processing - A demonstration" on 20 - 06 - 2020
- Webinar "Interactive Labs for Distance & Blended Control Systems and Robotics Courses " on 24 - 06 - 2020

Dr. S. Thirumurugaveerakumar, Associate Professor

- "e-Quiz on Plastic Awareness & Save Nature - WORLD ENVIRONMENT DAY CELEBRATION, Government Arts College, Tamil Nadu, Coimbatore.
- Material Behaviour an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera
- Yoga day - On Sunday, 21 June 2020, Kumaraguru Institutions invites you to celebrate International Yoga Day on the Virtual Mode.
- Online Seminar : Artificial Intelligence Scheduled on 25th June 2020
- Four week NPTEL online course certification on 23 June 2020
- Launch of 'MIND'(Massive Indian Novelty Depository), an initiative of MHRD's Innovation Cell for Higher Education Institutes, by Hon'ble Minister of HRD on 23 June
- Webinar on "Additive Manufacturing: Applications, Future Trends & Research Opportunities" on Saturday, 27th June 2020
- Online "Alumni Talk Series" session 3. "Courage is as contagious as Covid19" - a session by Mr.Rajbabu Gunaseelan, 2001, B.E. Computer Science alumni,
- One week online FDP on "Enhancing Research and Consultancy Skills" from June 22 - 26, 2020
- First Leadership Talk Series with Mr. Sridhar Venkat, CEO, Akshaya Patra Foundation on 20th June 2020

Dr. K. Ulaganathan, Assistant Professor – III

- FDP on The Way Ahead - Effective Teaching Techniques and E-commerce Organized by Saraswati Institute of Technology, Kharghar, Navi Mumbai.(1 Week)
- Webinar on Protecting our Soldiers with high strength Additive Manufacturing for Defence Applications Organized by Margforged, Sydney Australia.
- Webinar on Joining of Tubes using Solid State Welding Organized by Coimbatore Institute of Engineering and Technology, Coimbatore.
- Industry Connect 2020 -Power Packed Webinars - Agile Methodology Organized by Sri Eshwar College of Engineering, Coimbatore.
- Webinar on Emotional Well Being at Work Psychology of Emotional Intelligence for Teaching Faculty Organized by MLR Institute of Technology, Hyderabad.
- International Webinar Series on Recent Advances in Materials Science and Nanotechnology Organized by Bannari Amman Institute of Technology, Sathy.
- FDP on Enterprise Resource Planning Organized by Sri Venkateswara college of Engineering, Sriperumbudur .(1 Week)
- Webinar on How to Publish Research Article in Reputed Journal Organized by Sathyabama Institute of Science and Technology, Chennai.
- Webinar Series on Industrial Application for Z & Y Gen Engineers Organized by Ramco Institute of Technology, Rajapalayam

DEPARTMENTAL ACTIVITIES

- FDP on Contemporary manufacturing Processes, Sustainable Manufacturing and Industrial Technology Organized by Pragati Engineering College, AP(1 Week)
- Industry Connect 2020 -Power Packed Webinars - Virtual Classes Organized by Sri Eshwar College of Engineering, Coimbatore.
- Industry Connect 2020 -Power Packed Webinars - Ergonomic Design Principles Organized by Sri Eshwar College of Engineering, Coimbatore.
- FDP on Welding for Additive Manufacturing Organized by Coimbatore Institute of Engineering and Technology, Coimbatore.(1 Week)
- FDP on Mechanical Behavior of Advanced Materials and its Scope for Engineering Applications Organized by Sri Venkateswara College of Engineering, Sriperumpudur (1 Week)
- Industry Connect 2020 -Power Packed Webinars - IIOT, IT-OT Integration Organized by Sri Eshwar College of Engineering, Coimbatore.
- Webinar on Wearable Electronics for Medical and Defence Applications Organized by New Horizon College of Engineering, Bangalore.
- Webinar on Metal Additive Manufacturing: Selective Laser Melting Organized by Vivekananda Institute of Technology & Science , Karim Nagar, AP.
- Webinar on Evolution of Connected Factory Industry 5.0 Organized by MLR Institute of Technology, Hyderabad.
- National workshop on Perspectives of Teaching and Learning of Engineering Sciences for Outcome-Based Education Organized by NIT, Trichy.
- FDP on Manufacturing, Machining and Testing of Composite Materials Organized by Sri Sairam Institute of Technology, Chennai.(1 Week)
- FDP on Modern Materials & Industrial Automation Organized by Sri Sairam Institute of Technology, Chennai.(1 Week)
- FDP on Evaluation of Functional Materials and its Effective Characterization towards Diverse Engineering Applications Organized by Kumaraguru College of Technology, Coimbatore.(1 Week)
- Coursera online Course- Advanced Manufacturing Enterprise (4 Weeks)
- Coursera online Course-Digital Thread : Components (3 Weeks)
- Coursera online Course- Digital Thread : Implementation (5 Weeks)
- Coursera online Course- Roadmap to Success in Digital Manufacturing and Design (5 Weeks)
- Coursera online Course- MBSE : Model Based System Engineering (4 Weeks)

Dr. S. Sivakumar, Assistant Professor – III

- Completed the online course titled “Introduction to Thermodynamics: Transferring Energy from Here to There” through COURSERA
- Completed the self-paced training course titled “MATLAB Onramp” through MathWorks Training Services

DEPARTMENTAL ACTIVITIES

- Completed the One Week National Faculty Development Program through online mode titled " Latex and SCILAB" conducted by The Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) – FDP was organized by the Department of Mathematics, University of Rajasthan, Jaipur in association with Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Govt. of India
- Completed the 5-Day Extensive training on "Mathematical Modelling & Analysis " using MATLAB & Simulink. Organized by Thermodynedutech from 08-06-20 to 12-06-20
- Completed the 1-Day Workshop on "COMPUTATIONAL MODELLING using ANSYS Fluent". Organized by Thermodynedutech
- Attended the Webinar on 'INTRODUCTION TO MATLAB' held on 18th June 2020. Organized by Department of Electronics and communications, Builders Engineering College, Kangeyam, Tirupur
- Attended the online training program and all requirements for the "The Art of Lithium Ion Battery Pack Design" held on 14th June 2020. organized by HarithaTechLogix.
- Attended the Webinar on "Evacuated Tube Solar Collector" was organized by Department of Mechanical Engineering, Dhirajlal Gandhi College of Technology, Salem held on 05th June 2020.
- Completed the One Week National Faculty Development Program through online mode titled " Applications of FEA and CFD using ANSYS"– FDP was organized by the Department of Mechanical Engineering, Government college of Engineering, Kared.

Dr. K. K. Arun, Assistant Professor – III

- One week FDP on" Mathematical Modelling in Multidisciplinary Domain " Bannari Amman Institute of Technology, 01 June 2020 to 07 June 2020
- "Interdisciplinary webinar series -I" organised by Department of Electrical and Electronics Engineering, Ramco Institute of Technology, Rajapalayam. This webinar is being organized in association with RIT-ISTE Student Chapter, RIT-IEEE Student Branch, RIT- IE(I) and Institutions Innovation council from 1st June 2020 to 5th June 2020.
- Saraswati Institute of Technology, Kharghar, Navi Mumbai 's FDP "Srujan- The Way Ahead" - on "Effective Teaching Techniques and E-commerce "FDP Dates: 1st - 5th June 2020 organized by SIOT, Kharghar.
- Refresher Quiz on "Outcome Based Education & Accreditation (NBA & NAAC) Conducted Online by Department of Information Technology, Shri Sant Gajanan Maharaj College of Engineering, Shegaon 1/6/2020
- Online Webinar on 'Joining of Tubes Using Solid State Welding' on June 03, 2020 organized by Indian Welding Society (IWS) forum in connection with Department of Mechanical Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore, Tamil Nadu.
- "Two days FDP"" on ""NOVEL MATERIALS IN ENGINEERING"" , scheduled on 4th June 2020 and 5th June 2020. Mechanical Engineering Raghu Engineering College Visakhapatnan"

DEPARTMENTAL ACTIVITIES

- Five-Day Online Faculty Development Program on "IOT-APPLICATIONS" from 01-06-2020 to 05-06-2020 VIKAS GROUP OF INSTITUTIONS, AP, INDIA
- Webinar on How to publish Research Article in Reputed Journals organized by School of Mechanical Engineering at Sathyabama Institute of Science and Technology as part of MECH 4.0 TECHNICAL WEBINAR SERIES on 5th June 2020.
- ONE WEEK FDP on "Overview of AI & Its Application in Speech Processing" 1/06/2020 to 5/06/2020 CHEBROLU Engineering college, AP, Chennai.
- Two days FDP on the topic 'Research Methodology' organized by Ramanujan Club of Mathematics in association with IQAC.1/06/2020 to 2//06/2020, Jeppiaar Institute of Technology , Chennai
- One Week Online International FDP on "Skilling Teachers for Online Education" on 2/06/2020 to 06/06/2020 by UKA TARSADIA university
- National level Faculty development program on ADVANCEMENTS IN MATERIALS SCIENCE scheduled on 5th and 6th June 2020. Jeppiaar Institute of Technology, Chennai 631604
- Three day International FDP on "Enhancing the Quality of Academic and Sponsored Research" through online mode. Date : 4th June 2020 to 6th June 2020 KLN college of engineering
- International Webinar on "Recent Advances in Materials Science and Nanotechnology" during June 4-6, 2020. Department of Physics, Bannari Amman Institute of Technology, Sathyamangalam.
- Six Days FDP on Modern IoT Technology-Tools and Design for Real Time Applications (03/06/2020-09/06/2020), Sri Sai Ram Institute of Technology
- Faculty Development Programme on "Engineering Technologies in Recent Scenario" organized by the Department of PG Studies, DSEC from 06.06.2020 to 08.06.2020, Dhanalakshmi Srinivasan Engineering College , Perambalur - 621 212.
- Webinar titled "Advancements of Artificial Intelligence and Machine Learning in Robotics" 08.06.2020, .PSG Tech, Coimbatore
- One week FDP on "Interdisciplinary Research methodology ,ICT Applications in Teaching Learning Process" Organized by St Francis De Sales College, Nagapur Maharashtra . 8-06-2020 to 12-06-2020
- Webinar on fundamentals of CFD on 9/6/2020, Chennai Institute of technology, Chennai
- "Ergonomic Design Principles" Learning event, Sri Eshwar College of Engineering 9/6/2020
- Participating "Industrial Applications for Z & Y Gen Engineers" webinar in Day-1 titled "Applications of Mechanical Engineering Subjects in Industry" organized by Department Engineers (India), Indian Welding Society and Society of Automotive Engineers on of Mechanical Engineering in association with the Institution of 08/06/2020

DEPARTMENTAL ACTIVITIES

- Participating "Industrial Applications for Z & Y Gen Engineers" webinar in Day-2 titled ""Applications of Welding & NDT in Industry" organized by Department Engineers (India), Indian Welding Society and Society of Automotive Engineers on of Mechanical Engineering in association with the Institution of 09/06/2020
- Participating "Industrial Applications for Z & Y Gen Engineers" webinar in Day-3 titled "Design of Machines in Industry - A Practical Approach" " organized by Department Engineers (India), Indian Welding Society and Society of Automotive Engineers on of Mechanical Engineering in association with the Institution of 10/06/2020
- CIET-IWS - FDP on "Welding for Additive Manufacturing "CIT, Coimbatore 10/06/2020 to 15/06/2020
- FDP on Outcome Based Education Software- 11th June 2020, by Vmedulife
- 5 Day faculty development programme on "Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies" is going to start from 09th June 2020 till 13th June 2020.
- FDP on "Mechanical Behavior of Composite and Biomaterials " from 11th June to 13th June 2020" by Dept of ME, Andhra Loyola Institute of Engineering and Technology., VIJAYAWADA
FDP on Advanced Materials Research, Bharat Institute of Engineering and Technology Ibrahimpattnam, Hyderabad, Telangana 15th-19th June 2020
- One-week faculty development program (FDP) on "APPLICATION OF NEW MATERIALS IN EMERGING FIELD" from 24 - 30 June 2020 Sathyabama Institute of Science and Technology School of Science and Humanities Department of Physics
- One Day Research Webinar Series June 2020 conducted on 11.06.2020 organized by the Department of Information Technology, Excel Engineering College, Komarapalayam on the topic " Tools for Research and Research Paper Writing "
- One Week International FDP (online) on "Potential Research Areas in Mechanical Engineering" June 15-20, 2020, VITS Hyderabad
- Webinar on Mendeley for Researchers: Bibliography and Networking an online program offered remotely on 13th June 2020. KPR Institute of Engineering, Coimbatore
- 5 Days FDP on "Manufacturing, Machining and Testing of Composite Materials" which to be held between 15th and 19th June ,Department of Mechanical Engineering of Sri Sairam Institute of Technology, Chennai,
- Five days Faculty Development Programme on " IPRs for Professional Innovators from 16.06.2020 to 20.06.2020 - AVIT
- "FDP on Research Applications in Artificial Intelligence and Machine Learning" from 15-06-2020 to 17-06-2020. Vikas College of Engineering and Technology, AP ,INDIA
- "Online quiz on "Accreditation and Outcome Based Learning" "on 17/06/2020, Kgisl Institute of Technology, Coimbatore

DEPARTMENTAL ACTIVITIES

- Five day's Faculty Development Program on "Advancement in the field of Mechanical Engineering" during 23rd to 27th June 2020. Department of Mechanical Engineering, Navodaya Institute of Technology, Raichur, Karnataka
- Faculty Development Program on "Advanced & Research Opportunities In Internal Combustion Engines" from 16-06-2020 to 20-06-2020, organised by department of Mechanical Engineering, Jyothishmathi Institute of Technology and Science, Karimnagar, Telangana.
- "One Week Online Faculty Development Program on "INDUSTRY 4.0 – A VISION OF DESIGN AND MANUFACTURING"", conducted by the Department of Mechanical Engineering during ,Chaitanya Bharathi Institute of Technology Hyderabad ,Telangana. 16th - 20th June 2020."
- Virtual workshop "Plagiarism – An Opportunity to Learn, Teach & Excel" being organized on June 24, 2020 by the Department of Bioresources, University of Kashmir, in association with Turnitin
- 3 Days Online Certification Course on "Non-Destructive Testing (NDT)" Sri Venkateshwara College of Technology, 26th June to 28th June 2020
- National Level One Week Faculty Development Programme,(FDP) on "Design Services in Advanced Manufacturing" conducted online during 22nd – 27th June 2020, Organized by the Department of Mechanical Engineering, MAHAVEER INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD.
- Six DAYS Webinar series on "Modern Materials and Industrial Automation", Dept of Mech Engineering, Sai Ram Institute of Technology, Chennai from 20/6/202 to 25/06/2020
- One week online Faculty Development Program on "Optimization Techniques & Tools for Mechanical Engineers" Organised by Mechanical Engineering Department of Sreenidhi Institute of Science & Technology, Hyderabad during 22-27 June 2020.
- Certificate of Completion " Finite Element Method " on 29/06/2020 01/07/2020 Department of Mechanical Engineering, Sri Venkateswara College of Engineering and Technology (Autonomous), Chittoor
- Short Term Course on "Essential Tools in Optimization" on 25 th to 29 th June 2020 organized by Department of Mathematics, Dr. BR Ambedkar, National Institute of Technology Jalandhar.
- Coursers Online course "Autodesk Certified Professional: Inventor for Mechanical Design Exam Prep" by Autodesk on June 26, 2020, 2 weeks
- Coursers Online course "Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories "by Georgia Institute of Technology, June 25, 2020- 2 weeks
- Completed Coursers Online course "Digital Thread: Components "by University at Buffalo & The State University of New York on June 24, 2020- 3 Weeks

DEPARTMENTAL ACTIVITIES

- Completed Coursers Online course "Materials Science: 10 Things Every Engineer" by University of California, Davis June 24, 2020 -5 weeks
- Completed Coursers Online course "Material Behavior" by Georgia Institute of Technology on June 15, 2020 -6 weeks
- Completed Coursers Online course "Internet of Things: Multimedia Technologies" by University of California San Diego on June 14, 2020 -3 weeks
- Completed Coursers Online course "Material Processing" by Georgia Institute of Technology on June 21, 2020 -2 weeks

Mr. S. Sivakumar, Assistant Professor - II

- Completed an Eight weeks online course on Introduction to Thermodynamics- Transferring Energy from Here to There in Course era - 17-06-2020 - University of Michigan
- Participated one week online faculty development programme on Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies" during 09-06-2020 to 13-06-2020 organized by PRAGATI ENGINEERING COLLEGE -Andhra Pradesh
- Participated one week online National Workshop on Perspectives of Teaching and Learning of Engineering Sciences for Outcome Based Education during 15.06.2020 -20.06.2020 organized by National Institute of Technology - Tiruchirapalli.

- Completed a Five Weeks online course on Wind Energy in course era- 29-06-2020- Technical University of Denmark
- Attended MATLAB Onramp Course Webinar Session on 26-06-2020 organised by KCT

Mr. M. Thirumalaimuthukumaran, Assistant Professor - II

- Webinar on FEM Philosophy, Application and Hand Calculation conducted by CIT – TLC on 01 June 2020
- Role of Teachers in quality enhancement and accreditation organized by Santhiram Engineering College, Nandyal in Association with Kristu Jayanti College, Bangalore from 05.06.2020 to 11.06.2020
- Completed five weeks online course on "Mechanics of Materials- III - Beam Bending " , by CourseERA on 01.06.2020
- Completed two weeks online course on "Mechanics of Materials- IV- Deflections, Buckling, Combined Loading & Failure Theories" by CourseERA on 03.06.2020
- "Geometric Dimensioning and Tolerancing for Engineering Design ", presented by Mr. M. Rajkumar, Director, Tanuj Academy, Bangalore ,12.06.2020
- Faculty Development Webinar on Opportunities for Collaborative Research and Publication held on 12th June 2020, organised by KCT Business School Kumaraguru College of Technology, Coimbatore.

DEPARTMENTAL ACTIVITIES

- One Week Online Faculty Development Programme on "Applications of Finite Element Analysis (FEA) and Computational Dynamics (CFD) using ANSYS" (June 13- 17, 2020), Government College of Engineering, Karad
- Online quiz on Accreditation and Outcome based learning, by KGISL Institute of Technology, Coimbatore, 17.06.2020.
- 6 Day Faculty development programme on Advanced Machining Techniques, Sathyabama Institute of Science and Technology, 22-27 June 2020.
- Distinctive webinar series on Food, Yearn for Knowledge, Begin to Breathe, by office of COE, Sona College of Technology, from, 25-27.06.2020.
- Completed two weeks online course on "Digital Manufacturing and Design" , by Course ERA on 26.06.2020
- Webinar on Exploring Online Tools for Content Creation in Teaching organized by IQAC Cell, KCT on 29 June 2020
- Two Days online workshop on "Innovate with 3D printing" organized by Government College of Technology, Coimbatore on 29&30 June 2020.

Mr. T. Karuppusamy, Assistant Professor - II

- One week FDP on Manufacturing, Machining and testing of composite materials organized by Sri Sai Ram Institute of Technology
- Attended Webinar on Future of education post Covid 19 on 18 th June
- Attended Webinar on Exploring Online Tools for content creation in Teaching - 29/6/2020 - IQAC, KCT

- Attended Webinar on Engineering maintenance and management on 11th June 2020
- Ongoing 6 weeks coursera course on Ferrous technology 1

Mr. M. A. Vinayagamoorthi, Assistant Professor - II

- Webinar 4 All About Patent Filing in India organized by Turnip Innovations, Monday, 1st June 2020, 6 pm - 7 pm
- Webinar 5: Global Patent Filing Strategies organized by Turnip Innovations, Tuesday, 2nd June 2020, 6 pm - 7 pm
- Webinar on Automation Studio Educational Edition, Wed, Jun 3, 2020
- Innovent's Free Webinar on Design & Manufacture - 6th June 2020
- One Day Program on "Geometric Dimensioning and Tolerancing - Engineering Design" organized by Tanuj Academy & RoboRAM 12th June, 10.00 AM to 12 PM.
- 5 day Online Faculty Development Programme on Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies organized by Department of Mechanical Engineering, Pragati Engineering College, during 9th to 13th June 2020.
- One Week International Faculty Development Program on 'Potential Research Areas in Mechanical Engineering (PRAME)', held online from 15th to 20th June 2020, organized by Department of Mechanical Engineering, Vignan Institute of Technology and Science, Deshmukh, near RFC, Hyderabad.
- 6 Day FDP on Advanced Machining Techniques organized by the Department of Mechanical Engineering at Sathyabama Institute of Science and Technology (Deemed to be University), Chennai from 22nd to 27th June 2020.

DEPARTMENTAL ACTIVITIES

- Completed 4 weeks NPTEL course on : Inspection and Quality control in manufacturing by Indian Institute of Technology.
- Online Two Day workshop on “Innovate with 3D printing” on June 29 & 30, 2020, organized by Government College of Technology, Coimbatore
- Webinar on Exploring Online Tools for Content Creation in Teaching organized by IQAC Cell, KCT on 29 June 2020
- Completed 4 weeks online course 'Intelligent Machining' from coursera
- Presented paper titled “Reduction of Mudas in High Tone Horn Assembly” on International Virtual Conference on Advanced Materials and Manufacturing Process organised by Kalasalingam Academy of Research and Education, 20th June 2020.
- Presented paper titled “Fabrication of Multi Crop Cutter Using by Solar Panel” on International Virtual Conference on Advanced Materials and Manufacturing Process organised by Kalasalingam Academy of Research and Education, 20th June 2020.

Mr. A. P. Arun, Assistant Professor - II

- Completed 4 week online course on coursera "AI for everyone"
- Presented paper titled “Effect of Chitosan/Agar blend concentration on Chitosan/Agar encapsulated ZnO nanoparticles” on international web conference on Advanced Materials Science & Nanotechnology” on 21st June 2020.
- "Presented paper titled “Synthesis and characterization of cerium doped TiO₂ nanoparticles for gas sensing activity by
- Oral Presentation” on international web conference on Advanced Materials Science & Nanotechnology” on 21st June 2020."
- Presented paper titled “Implementing the Combination of Emergency Intelligence and Anti-Lock Braking System” on International Virtual Conference on Advanced Materials and Manufacturing Process organised by Kalasalingam Academy of Research and Education, 20th June 2020
- Attended online FDP on “ Advances in material science” organised by Jeppiaar institute of technology, on 5th and 6th June 2020.
- Participated in online FDP on “Effective Learning and Teaching Practices in Digital Era” organized by Nirmala College for Women, Coimbatore on 8th and 9th June 2020.
- Attended online FDP on “Materials: Recent Trends & Engineering Applications” during 02 - 07 June 2020, GOKARAJU RANGARAJU Institute of Engineering and Technology.
- Attended online FDP on “quality improvement in Automobile industry : six sigma perspective” organised by Shadan College of Engineering and Technology, Telangana on 13th June 2020.
- Attended online FDP on “Emerging Automotive Technologies” organised by Kalasalingam Academy of Research and Education, 26th to 29th June 2020.

DEPARTMENTAL ACTIVITIES

- Attended One-week Online FDP on “Emerging Automotive Technologies” from 25th June - 30th June 2020 Organized by Kalasalingam Academy of Research and Education, Virudhunagar District, Tamilnadu, India.
 - Attended ONE week FDP on Applications of New materials in emerging fields from 24th – 30th June 2020, organised by Sathyabama Institute of Science and Technology.
 - Attended National webinar on “ Creative writing of research proposal & articles” organised by Adikavi nannaya university on 4th June 2020.
 - Attended the workshop on June 24, 2020 “Plagiarism - An Opportunity to Learn, Teach & Excel” organised by University of Kashmir.
 - Attended International webinar on SMART NANOMATERIALS – 2020, on 26th June 2020. Organised by Bharathiar University.
 - Attended International webinar on “recent technological application in Nanoscience” on 26th and 27th June 2020, organised by PSGR Krishnammal college.
 - Attended webinar on “Innovate with 3D printing” on 29th and 30th June 2020, organised by GCT Coimbatore.
 - Attended One Week Faculty Development Program on ROLE OF TEACHERS IN QUALITY ENHANCEMENT & ACCREDITATION, organized by Santhiram Engineering College, Nandyal from 05.06.2020 to 11.06.2020
 - Attended 6 Days Online Faculty Development Programme on ‘Welding for Additive Manufacturing’ from 10-06-2020 to 15-06-2020 organized by Indian Welding Society (IWS) forum in connection with Department of Mechanical Engineering, Coimbatore Institute of Engineering and Technology, Coimbatore, Tamil Nadu
 - Attending one week online faculty development programme on Enhancing research and consultancy skills during 22-06-2020 to 26-06-2020 organized by Rajarambapu Institute of Technology, Sakharale.
 - Attended One Week International FDP (online) on “Potential Research Areas in Mechanical Engineering” organised by Vignan Institute of Technology and Science, Hyderabad from 15-06-2020 to 20-06-2020
 - Completed an Online course on “Understanding Research Methods” authorized by University of London and SOAS University of London and offered through Coursera
 - Attended International Virtual conference on Innovations in Advanced Materials Processing and Manufacturing (IAMPM-2020) organised by Vellore Institute of Technology, Vellore on 24th June 2020
- Dr. V. Manivelmuralidharan, Assistant Professor – II**
- Attended Webinar on Green and Sustainable Manufacturing organised by Karunya Institute of Technology and Sciences on 05/06/2020.

DEPARTMENTAL ACTIVITIES

Mr. K. Krishnamoorthi, Assistant Professor – II

- Completed a 4 Weeks online course on AI for Everyone in coursera- 26-06-2020.
- International Webinar on "Recent Advances in Materials Science and Nanotechnology" during June 4-6, 2020.
- Industrial Applications of Z & Y Gen Engineers @ Jun 8 - Jun 10, 2020.
- 5 Day Online Faculty Development Programme on "CONTEMPORARY DEVELOPMENTS IN MANUFACTURING PROCESSES, SUSTAINABLE MANUFACTURING AND INDUSTRIAL TECHNOLOGIES" from 9th to 13th June 2020.
- National Webinar on "Engine Technologies" during June 9, 2020.
- International Webinar Series organized by PG and Research Department of Physics, Thiru Kolanjiappar Government Arts College on 12/06/2020.
- Online Faculty Development Programme on "QUALITY IMPROVEMENT IN AUTOMOBILE INDUSTRIES: SIX SIGMA PERSPECTIVE" on 13th June 2020.
- Online International Faculty Development Programme on "Potential Research Areas in Mechanical Engineering" 15th - 20th, Jun 2020.
- Faculty Development Programme (FDP) on ADVANCED MACHINING TECHNIQUES from 22nd June to 27th June 2020.
- IQAC organised webinar titled "Exploring Online Tools for content creation in Teaching" on 29th June 2020.

- QC-ARD, KLNCE Organizes Three Day International online FDP on "Enhancing the Quality of Academic and Sponsored Research", 04-06-2020 to 06-06-2020.
- INTERNATIONAL WEBINAR ON RECENT TECHNOLOGICAL APPLICATIONS IN NANO SCIENCE.

Mr. S. Ramanathan, Assistant Professor – II

- A short term course on FEA for 12 Days, Ramco Institute of Technology
- Ten Day extensive training on CFD by Thermodynedutech
- Six day FDP on Advanced Machining Techniques, Sathyabama Institute of science and technology
- One week FDP on Evolution of functional materials and their effective characterization towards diverse engineering applications, KCT Coimbatore
- One week FDP on Emerging Automotive Technology, KARE, Srivilliputtur.

Mr. B. N. Sreeharan, Assistant Professor – II

- Course on "Advanced Excel" through Intershala on 05-06-2020
- Course on "Everyday Excel, Part 2" on 26-06-2020
- Employability Enhancement Skill Development Online Course on CNC Machining using Edgecam, Kriatec Services, 19-06-2020
- FDP on Enhancing the Quality of Academic and Sponsored Research conducted by KLN College of Engineering from 04-06-2020 to 06-06-2020.

DEPARTMENTAL ACTIVITIES

- FDP on Autodesk AutoCAD 2021 & Job - Business Opportunities for Engineering Graduates conducted by Rajiv Gandhi College of Engineering and Technology from 18-06-2020 to 19-06-2020
- FDP on Advanced Excel conducted by PSGR Krishnammal College for Women from 24-06-2020 to 24-06-2020
- FDP on Digital Skills for Smart Teaching conducted by Raja Doraisingam Government Arts College, Karaikudi from 22-06-2020 to 23-06-2020
- FDP on Advancements in Manufacturing and Optimization Techniques conducted by Jayamukhi Institute of Technological Sciences, Warangal from 22-06-2020 to 26-06-2020
- Workshop on NAAC - Revised Accreditation Framework conducted by Rayat Shikshan Sanstha's Yashavantrao Chavan Institute of Science, Satara from 01-06-2020 to 01-06-2020
- Workshop on Challenges & Opportunities in FSW of Mg Alloys conducted by SA Engineering College, Chennai from 13-06-2020 to 13-06-2020
- Workshop on Computer Aided Engineering- ANSYS Product Simulation conducted by St Peter's College of Engineering and Technology from 29-06-2020 to 29-06-2020
- Webinar on 'How to prepare a professional resume' conducted by Sri Eshwar College of Engineering on 01-06-2020
- Webinar on 'FEM Philosophy, Application and Hand Calculation' conducted by TLC - CIT on 01-06-2020
- Webinar on 'Software Quality Assurance' conducted by Sri Eshwar College of Engineering on 02-06-2020.
- Webinar on 'Intellectual Property Rights' conducted by Sankara College of Arts and Science on 02-06-2020
- Webinar on 'AGILE METHODOLOGY' conducted by Sri Eshwar College of Engineering on 03-06-2020
- Webinar on 'INTRODUCTION TO STRESS ANALYSIS OF AIRCRAFT CABIN INTERIORS' conducted by SRM, KATTANKALATHUR on 03-06-2020
- Webinar on 'MATLAB interfacing with fuzzy logic toolboxes' conducted by Joginpally B. R. Engineering College, Hyderabad on 03-06-2020
- Webinar on '6th Wave of Innovation: Disruption' conducted by Sri Eshwar College of Engineering on 04-06-2020
- Webinar on 'Profile of an Eminent Researcher' conducted by Dr. SNS Rajalakshmi College of Arts and Science on 05-06-2020
- Webinar on 'Advances in Manufacturing Technology' conducted by Sri Ramkrishna Institute of Technology on 06-06-2020
- Webinar on 'Product Life Cycle' conducted by SRM, KATTANKALATHUR on 06-06-2020
- Webinar on 'Sustainable Manufacturing in Industry 4.0' conducted by KCG College of Technology on 06-06-2020
- Webinar on 'Industrial Safety' conducted by Saveetha Engineering College, Chennai on 07-06-2020
- Webinar on 'Virtual Classes' conducted by Sri Eshwar College of Engineering on 08-06-2020

DEPARTMENTAL ACTIVITIES

- Webinar on 'Applications of Mechanical Engineering Subjects in Industry' conducted by Ramco Institute of Technology on 08-06-2020
- Webinar on 'Design of Experiments for Parameter Optimization' conducted by Rajalakshmi Engineering College, Chennai on 08-06-2020
- Webinar on 'Ergonomics Design Principles' conducted by Sri Eshwar College of Engineering on 09-06-2020
- Webinar on 'Introduction to Multi Criteria Decision Making Approach' conducted by Rajalakshmi Engineering College, Chennai on 09-06-2020
- Webinar on 'Design of Machines in Industry - A Practical Approach' conducted by Ramco Institute of Technology on 10-06-2020
- Webinar on 'Advanced Excel Workshop' conducted by Sri Venkateswara College of Engineering on 12-06-2020
- Webinar on 'Automation & Robotics' conducted by SNS College of Engineering on 13-06-2020
- Webinar on 'Motoring Journalism and the Future of Motorcycles' conducted by Sri Ramkrishna Institute of Technology on 13-06-2020
- Webinar on 'Experiential Learning - For a Stronger Engineering Foundation' conducted by Sri Eshwar College of Engineering on 13-06-2020
- Webinar on 'The Analytics Era' conducted by Sri Ramkrishna Institute of Technology on 16-06-2020
- Webinar on 'Advanced Troubleshooting Techniques in CNC' conducted by Sri Ramkrishna Institute of Technology on 17-06-2020.
- Webinar on 'Integrating CAD/CAE Design Technology for Engineering Design Applications' conducted by AWH Engineering College, Kozhikode on 17-06-2020
- Webinar on 'Digital Transformation Technologies in Manufacturing' conducted by SA Engineering College on 18-06-2020
- Webinar on 'How to manage work effectively and be a good leader' conducted by MET Business Incubation Centre on 18-06-2020
- Webinar on 'Influence of Process Variables in Abrasive Waterjet Machining Technology' conducted by MAM School of Engineering on 18-06-2020
- Webinar on 'You can get your dream job - Employability is the purpose of graduation' conducted by Sri Eshwar College of Engineering on 19-06-2020
- Webinar on 'Enhancing Teaching Learning Experience using CAD Tools in Machine Drawing' conducted by CMR Technical Campus on 19-06-2020
- Webinar on 'Emerging Technologies in Manufacturing - An Overview' conducted by Vemu Institute of Technology, Chittoor on 20-06-2020
- Webinar on 'Effective Conduct of Online Classes' conducted by Sri Eshwar College of Engineering on 20-06-2020
- Webinar on 'All about data science' conducted by Government Ars College, Ooty on 20-06-2020
- Webinar on 'Research Paper Writing and Citation Manager' conducted by PES College of Engineering, Aurangabad on 21-06-2020

DEPARTMENTAL ACTIVITIES

- Webinar on 'You can do social service - Social Responsibility' conducted by Sri Eshwar College of Engineering on 25-06-2020
- Webinar on 'Manufacturing Analytics - I (Known Factors)' conducted by Rajalakshmi Engineering College, Chennai on 25-06-2020
- Webinar on 'Research Opportunities in Welding Consumables' conducted by Karpagam Academy of Higher Education on 26-06-2020
- Webinar on 'Ergonomics @ Home' conducted by St. Joseph's Institute of Technology on 26-06-2020
- Webinar on 'Financial Yardstick for Business' conducted by Sri Ramkrishna Institute of Technology on 27-06-2020
- Webinar on 'Calmness in the world of Chaos' conducted by SIIMS, Pollachi on 28-06-2020
- Webinar on 'You can become a good researcher - Research Planning and Implementation' conducted by Sri Eshwar College of Engineering on 29-06-2020
- Webinar on 'Skillset for Enhancing Employability' conducted by Sri Eshwar College of Engineering on 30-06-2020.

Dr. S. Balaji, Assistant Professor

- Participated one week online faculty development programme on Enhancing research and consultancy skills during 22-06-2020 to 26-06-2020 organized by Rajarambapu Institute of Technology, Sakharale.

- Participated in one week online faculty development programme on potential research areas in Mechanical Engineering during 15-06-2020 to 20-06-2020 organised by vignan institute of technology, Telengana.
- Participated in 5 day Online Faculty Development Programme on "Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies", organized by Department of Mechanical Engineering during 9th to 13th June 2020.

Mr. S. Rajesh, Assistant Professor

- Participated one week online faculty development programme on Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies" during 09-06-2020 to 13-06-2020 organized by PRAGATI ENGINEERING COLLEGE - Andhra Pradesh
- Participated in 5 day Online Faculty Development Programme on "Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies", organized by Department of Mechanical Engineering during 9th to 13th June 2020
- Attended 2 days MATLAB Short term campus-wide license organized by Kumaraguru College of Technology.
- Attended International Webinar on "Recent Advances in Materials Science and Nanotechnology" organized by Bannari Amman Institute of Technology from 4-6 Jun 2020.

DEPARTMENTAL ACTIVITIES

- Attended webinar on 'Problem Statement for Research in Electric & Hybrid Vehicles' organized by Haritha Techlogix on 7th June 2020
- Attended webinar on 'Application of Autodesk on the designing of Sheet Metal 2020' organized by EEPC INDIA on 5th June 2020
- Attended webinar on 'CHALLENGES WITH PROTEIN FORMULATIONS' organized by Dept of Biotechnology, KCT on 9th June 2020
- Webinar on "Additive Manufacturing: Applications, Future Trends & Research Opportunities" on Saturday, 27th June 2020
- Attended International Webinar Series organized by PG and Research Department of Physics, Thiru Kolanjiappar Government Arts College on 12/06/2020
- Attended Webinar on "Energy Conservation in Power plant" at SNS College of Technology, Coimbatore, TamilNadu, India, on 25-06-2020
- Attended Webinar on "Functionally graded metal matrix composites" at Vignan Institute of Technology and Science, India, on 27-06-2020
- Attended Webinar on "Artificial Intelligence" organized by ECM Department, JBIET on 29-06-2020

Mr. R. S. Mohankumar, Assistant Professor

- Completed 4 week online course on coursera "AI for everyone"
- Presented paper titled "A STUDY ON INFLUENCING PROCESS PARAMETER ON PRODUCT QUALITY" on International Virtual Conference on Advanced Materials and Manufacturing Process organised by Kalasalingam Academy of Research and Education, 20th June 2020
- Presented paper titled "SEMI AUTOMATION IN CLAMPING AND UNCLAMPING OF SUCTION NOZZLE" on International Virtual Conference on Advanced Materials and Manufacturing Process organised by Kalasalingam Academy of Research and Education, 20th June 2020.
- Participated in online FDP on "Emerging Automotive Technologies" organised by Kalasalingam Academy of Research and Education, 26th to 29th June 2020.

- Attended Webinar on "Adopting Digital Teaching Methods" by Byndr, on June 24th, 2020.
- Attended One Week International FDP on "Potential Research Areas in Mechanical Engineering" at VITS from June 15-20, 2020
- Attended two days FDP on "Advances in Material science" at Jappiaar Institute of technology from June 05 & 06, 2020
- Attended Webinar on "Housekeeping techniques through 5S" by CPC, on June 27th, 2020.
- Attended NPTEL Special Lecture Series on "Social Entrepreneurship Opportunities" on 29.06.2020
- Attended NPTEL Special Lecture Series on "AI Infusion in applications" on 18.06.2020

Dr. P. S. Samuel Ratna Kumar, Assistant Professor

- Faculty Development Program on "Advances in Mechanical Engineering" by RISE Engineering College, AP

DEPARTMENTAL ACTIVITIES

- Webinar- Cost saving opportunities for compressed air systems - ELGi Air Compressors by ELGi
- FDP on Emerging Trends in Mechanical Engineering - St. Peter's Engineering college, Gundur
- Webinar on "EMOTIONAL WELL BEING AT WORK- PSYCHOLOGY OF EMOTIONAL INTELLIGENCE FOR TEACHING FACULTY" by MLR Institute of Technology, Hyderabad
- Webinar on Micro Engineering by CIET, AP
- International FDP on Emerging Research Areas in Engineering by SRM inst. of Sci & Tech, Chennai
- Applications of Artificial Intelligence for Smart Technology" by SSN College of Engineering, Chennai
- 3 days webinar on "Industrial applications for Z&Y Gen Engineers" by Ramco Institute of Technology, IEI, IWS and SAEINDIA
- Commercialization of Laboratory Prototypes by MIT, Anna University, Chennai
- National level Webinar on Simulation Driven Innovation for e-mobility by Altair & KLE Technological University
- Webinar on Current trends in Automotive Industry and EV Technologies" by Adhiyaman College of Engineering
- 3 days webinar on Trends in IoT and Automation by KCT, ECE department
- FDP on Mechanical Behaviour of Advanced Materials and Its Scope for Engineering Applications by Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur
- FDP on Outcome based Education Software by vmedulife software services
- "QUALITY IMPROVEMENT IN AUTOMOBILE INDUSTRY: SIX SIGMA PERSPECTIVE" by SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY, Telangana
- Evolution of connected factories (Industry 5.0) by MLR Institute of Technology, Association of Business Leaders & Entrepreneurs and I-CARE academy
- Faculty Development Program on "Manufacturing, Machining and Testing of Composites" by Sri Sai Ram Institute of Technology, Chennai
- Webinar on Bio-Materials for Hip Implants by V.R.S. College of Engineering and Technology, Arasur
- AICTE sponsored One week FDP on Fostering OBE towards Institutional Accreditation by Kalasalingam Academy of Research and Education, Krishnankovil
- An overview about the Aircraft system by Sathyabama Institute of Science and Technology, Chennai
- Webinar on "Automotive Functional Safety – Challenges & Practices" by Anna University- Chennai, Department of Electrical and Electronics Engineering
- "Large – Scale Additive Manufacturing Process (LAMP) for Biochip", by Francis Xavier Engineering college, Tirunelveli
- Webinar of Applications of Automation in Industries by St. Joseph's College of Engineering, Chennai-119 in association with IEEE Control System Society Student Chapter

DEPARTMENTAL ACTIVITIES

- Nano clay Application for Environment and Energy by the Department of Applied Science, Poornima Institute of Engineering & Technology, Jaipur
 - 6 Days webinar on Modern Materials & Industrial Automation by Sri Sairam Institute of Technology, Chennai
 - 6 day FDP on Advanced Machining Techniques by Sathyabama Institute of Science and Technology, Chennai
 - Basic Author Workshop Research Article Writing & Reference Management using Mendeley by Annamalai University & Elsevier
 - "Leadership & Governance from NBA Perspective by Rajarambapu Institute of Technology, Rajaramnagar (RIT) &
 - Global Engineering Dean's Council India Chapter (GEDC India Chapter)"
 - International Virtual Conference Innovations in Advanced Materials Processing and Manufacturing (IAMPM-2020) by Vellore Institute of Technology, Vellore
 - Webinar on Emerging Technologies by Jeppiar SRR Engineering College, Chennai
 - webinar on Emerging Technology by Francis Xavier Engineering college, Tirunelveli
 - Atomic Force Microscopy in Nanotribology: How AFM can be used to study nanoscale friction, wear, and lubrication by Oxford Instruments
 - MATLAB onramp course by MathWorks and KCT - Maths division
 - Webinar on Methodology to improve the efficiency of existing AHUs by ISHRAE Coimbatore Chapter
 - Exploring Online Tools for content creation in teaching by KCT-IQAC
 - Webinar on Advanced Combustion Concepts by St. Joseph's College of Engineering, Chennai
 - Completed a 5 weeks online course on Introduction to Basic Vibrations in Coursera by Korea Advanced Institute of Science and Technology(KAIST).
- Mr. B. Jeeva, Assistant Professor**
- Attended Online webinar on "Precision Analytics for Research Excellence: A Webinar by IET, Powered by Elsevier" on June 9th, 2020
 - "Attended "A one week International Faculty Development Program (online) on ""Potential Research Areas in Mechanical Engineering"" from 15th to 20th, June 2020."" Organized by Vignan Institute of Technology & Science (VITS), Telangana."
 - Attended "One-week Online FDP on "Emerging Automotive Technologies" from 25th June - 30th June 2020 Organized by Kalasalingam Academy of Research and Education, Virudhunagar District, Tamilnadu, India."
 - Attended webinar on Exploring Online Tools for content creation in Teaching on June 29th, 2020 organized by Kumaraguru College of Technology, Coimbatore."
- Mr. S. Subbiah, Assistant Professor**
- Completed one week Online Faculty Development Program on Industry Drawings using AutoCAD - June 22 to June 27, 2020.

DEPARTMENTAL ACTIVITIES

- Attended a webinar titled "application of AI for core engineering streams - Makarand Apte SOLIDWORKS AI R&D director. La foundations Dassault systems webinar series.
 - Presented a Paper in virtual International Conference on Materials and Mathematical Sciences ICMMS JUNE 2020
 - Attended a webinar titled "To guide the students to select meaningful engineering projects" by La foundation India jointly with Dassault systems in 20 June 2020
 - Attended a webinar titled "To guide the students to select meaningful engineering projects" by La foundation India jointly with Dassault systems in 18 June 2020
 - Attended "Future of Education post COVID" an interactive webinar by McGraw Hill Webcasts.
 - Attended a Faculty Development Program on Statistical Mechanics organised by department of Physics PSGR Krishnammal College from 25.05.2020 to 29.05.2020.
 - Attended an online workshop on "Awareness on Industrial safety during COVID 19 on 23.05.2020 by S.A. Engineering College.
 - Attended a webinar on "Insights to Industry 4.0" on 29.05.2020 conducted by S.A. Engineering College.
 - Attending MATLAB onramp Courses and Engineering Mechanics by Course ERA
 - Attending five days FDP on fluid mechanics from 29.06.2020 to 03.07.2020
 - NPTEL lecture series on what is biological engineering on 04.06.2020
 - NPTEL lecture series on Careers amid COVID-19 05.06.2020
 - NPTEL lecture series on Metallurgical and Materials Engineering 09.06.2020
 - NPTEL lecture series on Mechanical Engineering 10.06.2020
 - NPTEL lecture series on Emerging Areas in Enterprise AI Beyond NLP and Computer 11.06.2020
 - NPTEL lecture series on Future - Proof of ERP Strategy 12.06.2020
 - NPTEL lecture series on AI Infusion in Applications 18.06.2020
 - NPTEL lecture series on What are the Skills for the Future & New Ways of working 19.06.2020
 - NPTEL lecture series on Entrepreneurial Motivation 22.06.2020
 - NPTEL lecture series on AI and Data Science in the times of COVID 23.06.2020
 - NPTEL lecture series on Creating and Growing New Ventures in the Post - COVID Scenario 24.06.2020
 - NPTEL lecture series on Post-COVID Supply Chain Network: Opportunities and Challenges 25.06.2020
 - NPTEL lecture series on Product Innovation Opportunities Generated by COVID 27.06.2020
 - NPTEL lecture series on Innovating Education & Skills for Digital Economy 27.06.2020
- Mr. P. Karthi, Assistant Professor
- Attending online course on thermodynamics on course era.

DEPARTMENTAL ACTIVITIES

- NPTEL lecture series on Social Entrepreneurship Opportunities 29.06.2020
- NPTEL lecture series on Going Local 29.06.2020

Mr. P. Pradeep, Assistant Professor

- Webinar on fundamentals of CFD on 9/6/2020, Chennai Institute of technology, Chennai
- Attended webinar on 'Functionality Graded metal matrix composites' organized by KARE on 27th June 2020
- Attended Webinar on carbon neutrality and industrial sustainability organized by Hindustan institution of Technology on 27 June
- Attending MATLAB onramp Courses and Engineering Mechanics by Course ERA
- "Online quiz on "Accreditation and Outcome Based Learning" "on 17/06/2020, Kgisl Institute of Technology, Coimbatore
- Online courseera on mechanics of behaviour 2 going on
- Completed course era course on introduction to Mechanical Engineering Design and Manufacturing by fusion 360.

Mr. P. D. Devan, Assistant Professor

- Completed 4 weeks online course on Digital Transformation by BCG & University of Virginia in coursera
- Completed 5 weeks online course on Intro to Acoustics-I by Korea Advanced Institute of Science and Technology(KAIST)in coursera
- A 5 Day Webinar Series on TECHNOLOGIES SHAPING FUTURE AUTOMATION (15th-19th June)organized by KCT

- One week online Faculty Development Program on "The Effective Techniques of Teaching and E-Commerce" from 1st June to 5th June 2020 organized by Saraswati Institute of Technology"
- One Week Online FDP on Materials: Recent Trends & Engineering Applications during 02 - 07 June 2020 organized by GOKARAJU RANGARAJU Institute of Engineering and Technology"
- 5 day Online Faculty Development Programme on "Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies", during 9th to 13th June 2020 organised by Pragathi Engineering College"
- Attended more than 12 webinars and training programs on various topics
- One-week FDP on "Emerging Automotive Technologies" (25th June - 30th June 2020), Department of Automobile Engineering, Kalasalingam Academy of Research and Education"
- Participated in 5 day Industry Focused program on the Role of Engineers in Making India a Five Trillion Dollar Economy.
- Participated in the 3 days webinar series in the title of "Advances in Aerospace Materials"
- FDP on ADVANCED MACHINING TECHNIQUES organized by the Department of Mechanical Engineering at Sathyabama Institute of Science and Technology Chennai from 22nd to 27th June 2020.

DEPARTMENTAL ACTIVITIES

- National level Workshop (FDP) on "Managing Virtual Classroom and Open Education Resources" at Panjab University from JUNE 24-29, 2020.
- National Level Online Faculty Development Programme on "Design Services in Advanced Manufacturing" during 22nd – 28th June 2020 organised by Department of Mechanical Engineering, Mahaveer Institute of Science and Technology, Hyderabad
- Two Day workshop on "Innovate with 3D printing" on June 29&30, 2020 organized by GCT, Coimbatore
- "Attended Webinar on ""Exploring Online Tools for Content Creation in Teaching"" organized by Kumaraguru College of Technology on 29th June

Mr. P. D. Devan, Assistant Professor

- A webinar on 'Advancement in Automotive Safety - Airbags' Time: Jun 3, 2020 11:00 AM
- A webinar on "Stay Ahead Through Product Innovation and Design Thinking " 6th June 2020 & 10 AM
- A webinar on 'Precision Analytics for Research Excellence' by IET, Powered by EV June 9 11:30 Am to 12:30 PM
- Five days Webinar Series on "An overview of Aeronautical sciences" from June 9 03:00 pm to 4:00 pm
- A webinar on 'Noise, Vibration and harshness' June 27 10:30 am - 12:30 pm

Mr. K. Manikandaprasath, Assistant Professor

- Completed 6 week course on material behaviour - Course era course
- Attended 1 week fdp on "Potential Research Areas in Mechanical Engineering" June 15-20, 2020, VITS
- NiTTE Module 1- internal test completed (secured 28/30)
- German open elective class, Japanese online class monitored been monitored. Discussed steps to be followed for next batch
- Prepared Budget for 2020-21 FY for Kumaraguru Foreign Language center.
- MoU between Man Met Engineering and KCT has been initialised for final approval
- Coursera course on Valuation of WACC

Mr. S. Suresh, Assistant Professor

- Attended 2 days MATLAB Short term campus-wide license organized by Kumaraguru College of Technology
- Attended International Webinar on "Recent Advances in Materials Science and Nanotechnology" organized by Bannari Amman Institute of Technology from 4-6 Jun 2020
- "Attended webinar on 'Problem Statement for Research in Electric & Hybrid Vehicles' organized by Haritha Techlogix on 7th June 2020
- "Attended webinar on 'Application of Autodesk on the designing of Sheet Metal 2020' organized by EEPIC INDIA on 5th June 2020
- "Attended Quiz on 'Automotive Engineering' organized by ARAI, Pune on 1st June 2020

DEPARTMENTAL ACTIVITIES

- "Attended webinar on 'CHALLENGES WITH PROTEIN FORMULATIONS' organized by Dept of Biotechnology, KCT on 9th June 2020
- ""Attended E Quiz on 'FUNDAMENTALS OF CFD' organized by Chennai institute of Technology, Chennai on 9th June 2020
- ""Attended webinar on 'RECENT RESEARCH IN AERODYNAMICS' organized by Paavai Engineering College on 9th June 2020
- "Attended webinar on 'ENGINE TECHNOLOGIES' organized by Suguna College of Engineering on 9th June 2020
- Attended online Quiz on 'Accreditation and Outcome based Learning' organized by KGiSL institute of Technology, Cbe on 17th June 2020
- Attended webinar on 'A training session on Design of solar on grid power plant installation and commissioning' organized by SSM Institute of Engineering & Technology on 25th June 2020
- Attended Interdisciplinary Webinar Series - II on "Multilevel Inverter" organised by Ramco Institute of Technology, Rajapalayam on 10.06.2020
- Attended Webinar on "Applied AI and Machine Learning use cases for Enterprises" conducted by Ramco Institute of Technology, Rajapalayam on 13.06.2020
- Attended webinar on 'Functionality Graded metal matrix composites' organized by Vignan institute of Technology & Science on 27th June 2020
- Attended Online E Quiz on Fluid Mechanics & Fluid power organized by Sankar polytechnic college, Tirunelveli on 30th June 2020
- Attended Online E Quiz on Heat power Engineering organized by Sankar polytechnic college, Tirunelveli on 27th June 2020
- Attended Online E Quiz on Computer aided Design organized by Sankar polytechnic college, Tirunelveli on 30th June 2020
- Attended Online E Quiz on Computer aided Design & Manufacturing organized by Annamalai polytechnic college, Tirunelveli on 30th June 2020
- Attended On-line E-Quiz on "FINANCIAL MANAGEMENT DURING CRISIS PERIOD" jointly organised by Department of Accounting & Finance, Corporate Secretaryship & Business Administration , Mahalashmi Women's College of Arts & Science during 12th to 14th June 2020.
- Completed online course 'Digital manufacturing & Design' in coursera on 06th June 2020
- Completed online course 'Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360' in coursera on 09th June 2020
- Conducting Online summer track classes for Final year students of the subject "Engineering Economics & Financial management"
- Attended 6 days Online FDP on Advanced Machining Process organized by Dept of Mechanical Engineering, Sathyabama institute of Science & Technology from 22nd to 27th June 2020

DEPARTMENTAL ACTIVITIES

Dr. S. Bhaskar, Associate Professor

- Completed Coursera course (01 June 2020) -- Learning How to Learn: Powerful mental tools to help you master tough subjects"
- Completed Coursera course (02 June 2020) -- Presentation skills: Speechwriting and Storytelling
- Webinar attended - KCT IQAC digital material preparation program (Exploring online tools for content creation in teaching)
- Webinar attended -- GRIET training modules on online tools for teaching material preparation -- animations in effective presentations
- Webinar attended -- Sri Ramakrishna Institute of Technology Webinar on Advances in Manufacturing Technology - 06 June 2020
- Script writing for online course video preparation
- Trained 02 faculty on script writing to prepare educational videos
- Connected with an alumni to find opportunity / possibilities for internship
- Resource person for an online FDP on Digital teaching material preparation and delivery strategies conducted by IQAC - KIOT Salem
- Conducting career guidance program on alternate days for interested KCT students through Google Classroom

Mr. V. R. Navaneeth, Assistant Professor

- One week FDP on " Mathematical Modeling in Multidisciplinary Domain " Bannari Amman Institute of Technology.

- "Interdisciplinary webinar series -I" organised by Department of Electrical and Electronics Engineering, Ramco Institute of Technology, Rajapalayam. This webinar is being organized in association with RIT-ISTE Student Chapter, RIT-IEEE Student Branch, RIT- IE(I) and Institutions Innovation council.
- Six day FDP on Emerging Automotive Technologies, Kalasalingam Academy of Research and Education
- Online course "Autodesk Certified Professional: Inventor for Mechanical Design Exam Prep" by Autodesk on June 26, 2020, 2 weeks
- Certificate of Completion "Finite Element Method" on 29/06/2020 01/07/2020 Department of Mechanical Engineering, Sri Venkateswara College of Engineering and Technology (Autonomous), Chittoor
- Short Term Course on "Essential Tools in Optimization" on 25th to 29th June 2020 organized by Department of Mathematics, Dr. BR Ambedkar, National Institute of Technology Jalandhar.
- Virtual workshop "Plagiarism – An Opportunity to Learn, Teach & Excel" being organized on June 24, 2020 by the Department of Bioresources, University of Kashmir, in association with Turnitin
- 3 Days Online Certification Course on "Non-Destructive Testing (NDT)" Sri Venkateswara College of Technology, 26th June to 28th June 2020

DEPARTMENTAL ACTIVITIES

- National Level One Week Faculty Development Programme,(FDP) on "Design Services in Advanced Manufacturing" conducted online during 22nd – 27th June 2020, Organized by the Department of Mechanical Engineering, Mahaveer Institute of Science And Technology, Hyderabad.
 - Six DAYS Webinar series on "Modern Materials and Industrial Automation", Dept of Mech Engineering, Sai Ram Institute of Technology, Chennai from 20/6/2020 to 25/06/2020
 - One Week International FDP (online) on "Potential Research Areas in Mechanical Engineering" June 15-20, 2020, VITS Hyderabad
 - Webinar on Mendeley for Researchers: Bibliography and Networking an online program offered remotely on 13th June 2020. KPR Institute of Engineering, Coimbatore
 - 5 Days FDP on "Manufacturing, Machining and Testing of Composite Materials" which to be held between 15th and 19th June ,Department of Mechanical Engineering of Sri Sairam Institute of Technology, Chennai,
 - Five days Faculty Development Programme on " IPRs for Professional Innovators from 16.06.2020 to 20.06.2020 - AVIT
 - FDP on Research Applications in Artificial Intelligence and Machine Learning" from 15-06-2020 to 17-06-2020. Vikas College of Engineering and Technology, AP ,INDIA
 - One Week Online International FDP on "Skilling Teachers for Online Education" on 2/06/2020 to 06/06/2020 by UKA TARSADIA university
 - National level Faculty development program on ADVANCEMENTS IN MATERIALS SCIENCE scheduled on 5th and 6th June 2020. Jeppiaar Institute of Technology, Chennai 631604
 - Three day International FDP on "Enhancing the Quality of Academic and Sponsored Research" through online mode. Date : 4th June 2020 to 6th June 2020 KLN college of engineering
 - Six Days FDP on Modern IoT Technology-Tools and Design for Real Time Applications (03/06/2020-09/06/2020), Sri Sai Ram Institute of Technology.
- Mr. P. R. Ayyappan, Sr. Gr. Assistant Professor
- Attended webinar on Fundamentals of CFD by Chennai institute of technology on 9-6-2020
 - Attended 5 day FDP on Contemporary development in manufacturing processes, sustainable manufacturing and industrial technologies at Pragati engg college on 09.06.2020 to 13-6-2020
 - Attended one week FDP on effective research writing using latex at Pragati engg college on 22 to 27-6-2020
 - Attended 5 day FDP on Emerging research areas in Engineering at SRM inst of science and Research on 5 to 9-6-2020
 - "Attended webinar on IFEEES GEDC IUCEE Webinar: COVID-19: Lessons Learned From Teaching Remotely on 9-6-2020"
 - Participated in Quiz on Accreditation by Girijabai sail inst of technology, Karnataka on 27-6-2020

DEPARTMENTAL ACTIVITIES

- "Participated webinar on ""Manufacturing's New Normal After COVID-19" on 5th June, 2020 organized by Department of Mechanical Engineering, Sanskrithi School of Engineering, Puttaparthi (M), Ananthapur District, Andhra Pradesh."
- Attended 2 day webinar on Applications of mathematics in engineering by KPR institute of technology on 11 & 12-6-2020
- "Attended webinar on Evacuated Tube Solar Collector organized by Department of Mechanical Engineering, Dhirajlal Gandhi College of Technology, Salem held on 05th June 2020 "
- Attended webinar on You can do social service-social responsibility by Sri Eashwar college of Engg, Coimbatore on 25-6-2020
- Attended webinar on AI for smart health care systems by ECE DEPT-KCT on 17-6-2020
- Attended webinar on "Renewable Energy Technologies RET 2020" organised by Department of EEE, Kumaraguru College of Technology on 18.6.20, 3 to 5.00 PM
- Attended webinar on Trends in IOT and automation by ECE DEPT-KCT on 11-6-2020
- Attended DC meeting on 24-6-2020 by Online mode
- Attended 6 days FDP on emerging automotive technologies by Kalasalingam Academy of Research and Education from 25-6-2020 to 30-6-2020.

Mr. S. Prabhu, Assistant Professor

- Attended 6 days Community Development programme on "Yoga at Home and Yoga with Family" conducted by PSG college of arts and science and WCSC Coimbatore from 16/6/2020 to 21/6/2020.

Mr. M. Ramesh Kumar, Assistant Professor

- Research Proposal Submitted Deft & Tact Solutions Team for development of inspection robots
- Participated in PMP 35 hours certification class on 6th, 7th, 13th, 14th and 21st June 2020
- Attended Webinar on "Rectangular Tunnel Boring Machine" organized by Department of Mechanical Engineering, EGS Pillay Engineering College, Nagapattinam
- Attended "Block Chain Technology and its Application" presented by Mr. Maxraj Jeyaraj, Head, Cyber Security, Smart Buildings Department, Siemens Technology and Services Pvt. Ltd, Chennai on 11.06.2020.
- Attended "COMPOSITE MANUFACTURING & TOOLING" Organized by Department of Mechanical Engineering, Francis Xavier Engineering College, Tirunelveli on 04-06-2020
- Attended Intellectual Property Rights (IPR)" by me held on 2nd June 2020 organized by Saraswati Institute of Technology, Navi Mumbai, Maharashtra.
- Attended in the webinar conducted by Department of ECE, SRM TRP Engineering College, Trichy

DEPARTMENTAL ACTIVITIES

- Attended "Software Quality Assurance" Learning event

Mr. S. Prabhu (Jr), Assistant Professor

- Participated one week online faculty development programme on Contemporary Developments in Manufacturing Processes, Sustainable Manufacturing and Industrial Technologies" during 09-06-2020 to 13-06-2020 organized by PRAGATI ENGINEERING COLLEGE -Andhra Pradesh
- One Week International FDP (online) on "Potential Research Areas in Mechanical Engineering" June 15-20, 2020, VITS Hyderabad
- Faculty Development Programme on "APPLICATION OF NEW MATERIALS IN EMERGING FIELD" organised by the Department of Physics, Sathyabama Institute of Science and Technology, Chennai, 24 - 30, June 2020.
- One Day Online Workshop on "Plagiarism – An Opportunity to Learn, Teach & Excel" June 24
- " GREEN TECHNOLOGY for SUSTAINABILITY " Quiz conducted by the Department of Humanities and Science of St.Xavier's Catholic College of Engineering on 14-6-2020.
- "QUALITY IMPROVEMENT IN AUTOMOBILE INDUSTRY:SIX SIGMA PERSPECTIVE" Organized by Department of Mechanical Engineering and IQAC, SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY, HYDERABAD, TELANGANA on 13th June, 2020
- Webinar on "Patent Act, Drafting, Filing system and challenges in India" . RMD Engineering College, Chennai, June 10.

- Quiz on Outcome Based Education & Accreditation (NBA & NAAC),Shri Sant Gajanan Maharaj College of Engineering, Shegaon, June 01.

- FDP on Welding for Additive Manufacturing, COIMBATORE INSTITUTE OF ENGINEERING & TECHNOLOGY, June 10-15
- NPTEL lecture series on Creating and Growing New Ventures in the Post - COVID Scenario 24.06.2020
- NPTEL lecture series on Post-COVID Supply Chain Network: Opportunities and Challenges 25.06.2020
- NPTEL lecture series on Product Innovation Opportunities Generated by COVID 27.06.2020
- NPTEL lecture series on Innovating Education & Skills for Digital Economy 27.06.2020
- NPTEL lecture series on Social Entrepreneurship Opportunities 29.06.2020

Mr. P. Prashanth, Assistant Professor

- A webinar on 'Advancement in Automotive Safety - Airbags' Time: Jun 3, 2020 11:00 AM
- A webinar on "Stay Ahead Through Product Innovation and Design Thinking " 6th June 2020 & 10AM
- A webinar on 'Precision Analytics for Research Excellence' by IET, Powered by EV June 9 11:30Am to 12:30 PM
- Five days Webinar Series on "An overview of Aeronautical sciences" from June 9 03:00 pm to 4:00 pm
- A webinar on 'Noise, Vibration and harshness' June 27 10:30 am - 12:30 pm

STUDENT ACTIVITIES

WEBINARS ATTENDED / ONLINE COURSES COMPLETED

- Mr. Prabhujith Eshwar A, 18BME177, Enlightening Automotive Design
- "Mr. Srinivasa Perumal J, 18BME043, Nutrition, Health and Wellness Science NHWS-18
- Mr. Praveen M V, 17BME217, Laser for Engineering Processing
- Mr. Kavinraj.B, 17BME146, A course in Coursera
- Mr. Sounder R, 17BME157, 1. AI for everyone, Coursera, 2. Electric Power System, Coursera, 3.Power Bi, GUVI
- Mr. Suryah.P.V, 16BME176, AI For Everyone
- Mr. Pradeep, 17BME070, Introduction to solar cells
- Mr. Rogit raaj AA, 18BME019, Smart Materials: Need of the hour for Renewable Energy Resources
- Mr. Sathya Prakash M, 17BME122, Introduction to CAD, CAM and practical CNC machining
- Mr. Rahul R Menon, 18BME017, Solidworks
- Mr. Boopathi karthik, 18BME202, A course in Coursera
- Mr. Aarif M Jesurian Godfray A, 18BME214, English For Effective Communication
- Mr. Adithya Vijayan, 17BME055, Boosting creativity for innovation
- Mr. Mahesh Kumar U, 18BME122, 1. Mechanics of materials (Coursera), 2. Mechanics of materials, 3. Mechanics of materials (Coursera), 4. Material science (Coursera), 5. Material behaviour (Coursera)
- Mr. Jeffery Renold L, 18BME076, A course in Coursera
- Mr. Antony lazar.f, 18BME213, English for effective communication
- Mr. R. Ganesh Kumar, 18BME146, Motor And Motor Control Circuits
- Mr. Rakshit Stephen T, 18BME132, Machine Learning for all, Coursera
- Mr. Sankar Jayaram. M, 18BME171, material science
- Mr. P. Balaji, 17BME073, Introduction to solar cells (Coursera)
- Mr. Akash Sushil, 17BME074, 1) Solidworks Associate (Mechanical Design) - Dassault Systèmes, 2) Multibody Dynamics using Solidworks - (Skill-Lync)"
- "Mr. Kevin Smith, 17BME162, 1. Introduction to thermodynamics: Transferring energy from here to there, 2. Material science: 10 things every engineer should know, 3. Wind energy"
- Mr. Rahul, 17BME180, A course in Coursera
- Mr. Balaji ML, 17BME111, A course in Coursera
- Mr. Karan Ram S, 17BME004, 1, Digital Manufacturing & Design, coursera, 2, Intro to Digital Manufacturing with Autodesk Fusion 360, coursera, June 25, 3, Programming for Everybody (Getting Started with Python), coursera, June 25"
- Mr. T. Thirudhakshin, 18BME027, Mechanics of Materials, Coursera
- Mr. Suhail Ahamed. U, 17BME227, Introduction to solar cells(Coursers).
- Mr. Deepan jaykumar, 17BME021, Introduction to CAD CAM and practical CNC machining
- "Mr. Harshit Sudhakar, 18BME109, Motor circuits and motor control circuits, (coursera).

STUDENT ACTIVITIES

- Mr. Jeshanth J D, 18BME063, A course in Coursera
- Mr. Shrinick. P. B, 18BME013, Embrace Changing, Harappa Education, 2. Excel: Essentials, Coursera."
- Mr. Roshan Ashraf S, 18BME114, 1) "Role of Chemistry in Everyday Life ", Nirmala College For Women (Autonomous), COIMBATORE
- "Mr. Harshit Sudhakar, 18BME109, Motor circuits and motor control circuits, (coursera) "
- "Mr. Nandhakumar S, 18BME053, 1. Mechanics of materials – coursera, 2. Mechanics of materials1- cousera, 3. Motor and motor circuits- coursera."
- Mr. Ashif Rahuman, 18BME119, Motors and Motor control circuits
- Mr. Abishek D, 18BME087, Motors and motor control circuit
- Mr. Gowtham S , 18BME109, 1. Python Functions, Files and Dictionaries (Coursera)
- Mr. B. Aravindh, 18BME090, A course in Coursera
- Mr. Nethaji P, 18BME081, A course in Coursera
- "Mr. Nandhini Varudharaju, 18BME068, 1. Matlab Onramp, 2. Machine Learning Onramp"
- Mr. Logesh Y, 17BME086, Python for everybody, Coursera
- Mr. Abilash.S, 17BME001, A course in Coursera
- Mr. Subramaniyan G, 17BME033, A course in Coursera
- Mr. Bhavesh Kishore. E, 18BME204, Motors & motor controlled devices, coursera
- Mr. Karunakaran. S, 18BME207, Motor and motor control circuit
- Mr. Kumaran b, 17BME223, Introduction to solar cells , coursera

PAPERS PRESENTED

- Under the guidance of Mr. R. S. Mohan Kumar, Assistant Professor, Mr. S. Naveen and Mr. M. Ponraj from final years presented their paper in the First International Virtual Conference on Advanced Materials and Manufacturing Process' conducted by Kalasalingam University" on 20.06.2020
- Mr. Bharath raj N, Mr. Navin kumar P, Mr. Sibi S of final years presented their paper in the same 'First International Virtual Conference on Advanced Materials and Manufacturing Process' by Kalasalingam University on 20.06.2020 under the able guideship of Mr. R. S. Mohan Kumar, Assistant Professor.

ASSOCIATION ACTIVITIES

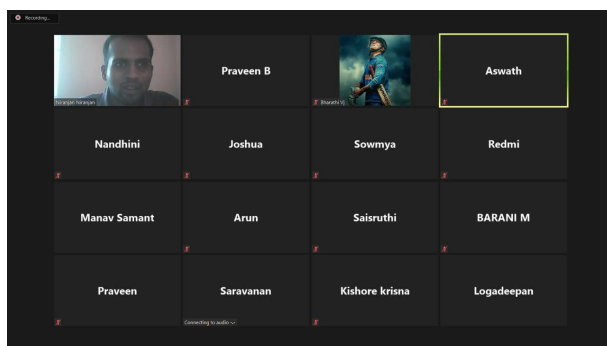
MECONNECT PLACEMENT TALK SERIES – 3:

MEConnect is a peer learning platform where our alumni and present seniors, share and help juniors to learn subjects related to their field of expertise.

Mr. Niranjana Kumaresan is an Experienced Sales Professional with a demonstrated history of working in Energy and Machine Industries. He is fond of numbers and the scientific methods. He is very much Skilled in Strategic Negotiation, Sales, Order Acquisitions, Business Development and key client Management. He shared many of his useful and time-saving Marketing & Productivity free tools in this Talk Session.

DEPARTMENTAL ACTIVITIES

He addressed the participants on 19th June, 2020 by 2 PM via Zoom. In this Session, the guest speaker shared their experiences, as well as piece of advices in working and preparing for the professional world. Hence, the students, especially the ones who will facing their Placements next years, got lessons and insight about how to face the professional world, learn new things and tasks, face the co-workers and superiors, and make decision for the first career.



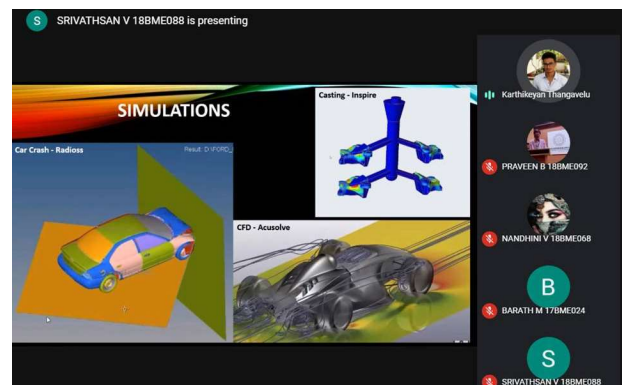
This session was arranged by Mr. Aswath, organized by Mr. Srivathsan, Moderated by Ms. Nandhini.

MECONNECT PLACEMENT TALK SERIES – 4:

MEConnect is a peer learning platform where our alumni and present seniors, share and help juniors to learn subjects related to their field of expertise.

Mr. Karthikeyan Thangavelu is a project engineer at Altair Engineering Pvt Ltd. He had worked on durability cases, crash cases and structural cases. He is skilled in using Softwares such as Abaqus, Optistruct and Radioss. He shared his experience in this Talk Session.

He addressed the participants on 24th June, 2020 by 2PM via Google MEET. After the session, the participants had a brief intro to CAE modeling methods and the theoretic background and the theory of finite element method, mesh convergence studies, validation and verification of finite element models. He also said about his own field and how to get into CAE field. The courses that one should take up to get into CAE field. He also provided some sources for references that may help students carry out their career in CAE filed.



This session was arranged by Mr. Aswath, organized by Mr. Srivathsan, Moderated by Mr. Praveen.



KUMARAGURU college of technology

COIMBATORE – 641 049

Department of Mechanical Engineering

INSTITUTE VISION:

The vision of the college is to become a technical university of International Standards through continuous improvement.

INSTITUTE MISSION:

Kumaraguru College of Technology (KCT) is committed to providing quality Education and Training in Engineering and Technology to prepare students for life and work equipping them to contribute to the technological, economic and social development of India. The College pursues excellence in providing training to develop a sense of professional responsibility, social and cultural awareness and set students on the path to leadership.

DEPARTMENT VISION:

To emerge as a centre, that imparts quality higher education through the programme in the field of Mechanical Engineering and to meet the changing needs of the society.

DEPARTMENT MISSION:

The department involves in sustained curricular and co-curricular activities with competent faculty through teaching and research that generates technically capable Mechanical Engineering professionals to serve the society with delight and gratification.


B. E. MECHANICAL ENGINEERING

PROGRAM EDUCATIONAL OUTCOMES (PEO's):

- PEO 1** : Graduates will take up career in manufacturing and design related disciplines.
- PEO 2** : Graduates will be involved in the execution of Mechanical Engineering projects.
- PEO 3** : Graduates will take up educational programme in mastering Mechanical sciences and management studies.

PROGRAM OUTCOMES (PO's):

- 1. Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- 2. Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- 3. Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

- 
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
 5. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
 6. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
 7. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
 8. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
 9. **Individual and teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
 10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
 11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
 12. **Life-long learning:** Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSO's):

1. Apply the fundamentals of science and mathematics to solve complex problems in the field of design and thermal sciences.
2. Apply the concepts of production planning and industrial engineering techniques in the field of manufacturing engineering.

M. E. INDUSTRIAL ENGINEERING

PROGRAM EDUCATIONAL OBJECTIVES (PEO's):

- PEO 1 :** Graduates will be mid to higher level management / engineering professionals with responsibilities in engineering management, data analysis and business operations.
- PEO 2 :** Graduates will be engineering professionals, and technology leaders who would manage such functions as plant engineering, production, supply chain and quality management.
- PEO3 :** Graduates would function as educators or researchers in academic institutions.

PROGRAM OUTCOMES (PO's):

- P01: An ability to independently carry out research /investigation and development work to solve practical problems.
- P02: An ability to write and present a substantial technical report/document.
- P03: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program

PROGRAM SPECIFIC OUTCOMES (PSO's):

- PS01: Graduates able to apply the engineering management and data management concepts in industrial engineering areas.
- PS02: Graduates able to apply industrial engineering skills and knowledge to manage the functions of production and supply chain management.

M. E. CAD/CAM

PROGRAM EDUCATIONAL OBJECTIVES (PEO's):

- PE01: Graduates excel in Professional career and/or higher education or/ research by continuously updating the knowledge and skill in the fields of Computer Aided Design and Manufacturing.
- PE02: Graduates can analyze the complex problems using advanced modelling and analysis tools and thereby solve problems related to product design and manufacturing area.
- PE03: Graduates work individually and also in a team with effective communication skills and pursue lifelong learning.

PROGRAM OUTCOMES (PO's):

- P01: An ability to independently carry out research /investigation and development work to solve practical problems.
- P02: An ability to write and present a substantial technical report/document.
- P03: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program

PROGRAM SPECIFIC OUTCOMES (PSO's):

- PS01: Graduates will be able to apply the knowledge and skill in solving the real-time problems in the Computer Aided Design and Manufacturing field.
- PS02: Graduates will be able to analyse complex problems and provide solutions using advanced tools in product design and manufacturing area.