



PVPSIT

Department of Mechanical Engineering

NEWS LETTER

January – June, 2020

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The Department of Mechanical Engineering has been in existence ever since the college started in year 1998. Department is affiliated to JNTU since 1998. B. Tech. Program is accredited by NBA-AICTE in May 2007 for 3 years and provisionally accredited for 2 years in June 2012 and is certified by ISO 9001:2015 certification. Once again it is provisionally accredited for 3 years under OBE in the year 2016 and got 4th time accreditation under OBE Tier-1 in 2019 for 3 academic years.

Numerous research papers have been published in National and International Journals and Conferences. The Department arranges guest lectures by eminent professors from India and abroad, scientists from research organizations and experts from industry to bridge the gap between academics and industry. Faculty members are encouraged to improve their academic qualification and to gain experience by attending FDPs, workshops, conferences etc. They are also encouraged to present research papers at workshops and conferences, and to participate in co-curricular and extracurricular activities.

The Department promotes active industry-institute collaboration by organizing workshops and by taking part in sponsored research projects and consultancy services. Visits to the industries for faculty and students are frequently arranged to enhance the practical exposure with the real corporate world. Department also organizes programmes like Alumni interaction sessions with current students and make them familiar with specific market requirements and demands.

1. Workshops/Seminars/Guest Lectures/Training Programs/Symposiums organized:

- i. The Guest Lectures & Seminars Committee of Mechanical Engineering Department is arranged a Guest Lecture on “**Metallurgical and Mechanical Aspects of Additive Manufactured Metals**” by Dr. Gopinath Muvvala, Assistant Professor, Department of Mechanical & Aerospace Engineering, IIT Hyderabad on 06.01.2020 at 10:00 AM for III & IV -B. Tech. ME students and staff in the ground floor seminar hall.



- ii. Department of Mechanical Engineering has organized a Seminar on “CITIZENSHIP AMENDMENT ACT AND NATIONAL SECURITY” by Lt. General V.K. Chaturvedi, Retired Army Officer, Presently working as a advisor defence banking to SBI, Noida, India on 27.01.2020 at 03:00 PM for I, II, III & IV -B. Tech. ME students and staff in the ground floor seminar hall.



- iii. The Guest Lectures & Seminars Committee of Mechanical Engineering Department has arranged a Guest Lecture on “**Nano Composites Fabrication and Testing**” by Dr. Gujjala Raghavendra, Assistant Professor, Department of Mechanical Engineering, NIT, Warangal on 31.01.2020 at 2:00 PM for II-B. Tech. Mechanical Engineering students and staff in the CAD lab.



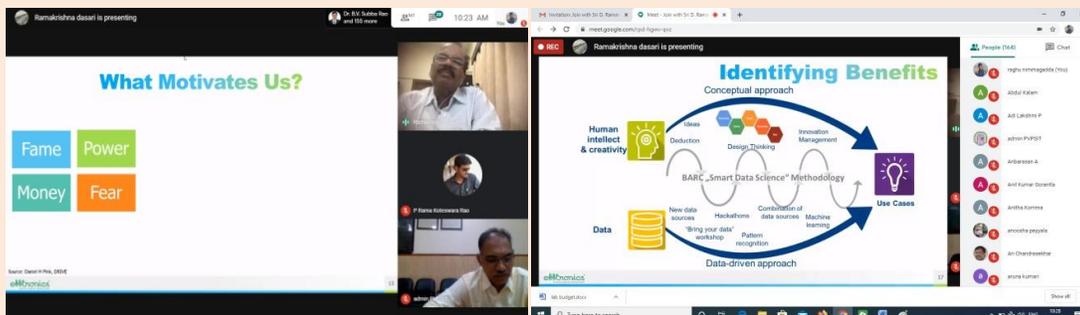
- iv. A certification course on “Application of Non- Destructive Testing Methods” was conducted in the department from 03.02.2020 to 07.02.2020. Total 37 students got benefited from this course. The course also includes two-day hands on training session in ‘Prakasa Spectro Casting Pvt. Ltd.’ and the resource person is Sri. G. Vijay Kumar, CEO, Future NDT, Vijayawada.



- v. Department of Mechanical Engineering organized a one week FDP on “Design Thinking and Product Innovation” from 09.03.2020 to 13.03.2020 and the resource persons were Dr. Balachandar Ramadurai , executive coach, independent innovation consultant and an Adjunct Professor at Symbiosis Institute of Business Management, India (<https://www.sibmpune.edu.in>), Currently mentors an EdTech enterprise called Knoin Electronics (<https://knoin.org>), Professor at National Programme on Technology Enhanced Learning (<https://NPTEL.ac.in>). Dr.Chewang Bhutia, Chief Coordinator, Academics & Resources, National Institute of Design (NID)-Amaravati. Dr. Korla Srikanth, Associate Professor, Mechanical Engg. Dept., NIT, Warangal. Sri. Arnab Senapati, Coordinator-Textile & Apparel Design, Faculty- Textile Design, National Institute of Design (NID)-Amaravati.



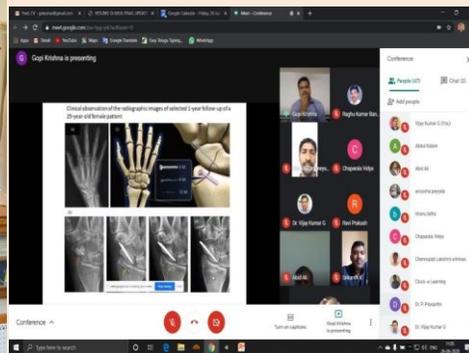
- vi. The staff of Mechanical Engineering Department have participated in a Webinar on “Challenges of Academia- Post COVID-19” by Sri. D. Ramakrishna, MD, Effotronics Systems Pvt. Limited, Vijayawada on 04.06.2019 from 10:00AM to 01:00PM organized by PVPSIT.



- vii. Mechanical Engineering Department has organized a One week Training Programme for non-teaching staff on “**Mechatronics Lab Equipment**” by Sri. T. Srinag, Assistant Professor, Department of Mechanical Engineering, PVPSIT, Smt. E. Kavitha, Assistant Professor, Department of Mechanical Engineering, PVPSIT, and Smt. M. Rajyalakshmi, Assistant Professor, Department of Mechanical Engineering, PVPSIT from 08.06.2020 to 12.06.2020.



- viii. Two day **National Conference** on RECENT ADVANCES IN MECHANICAL ENGINEERING (NCRAME-2020) on 26.06.2020 and 27.06.2020 organized by Department of Mechanical Engineering sponsored by Siddhartha Academy of General and Technical Education, Vijayawada.



2. Workshops/Seminars/Conferences/Faculty Development Programs attended by the faculty:

- ix. M.Rajya Lakshmi, K.Sri Ram Vikas have participated in AICTE Sponsored QIP Short Term Course on “Operations Research: Principles & Applications” at IIT (BHU), Varanasi from 30th December - 3rd January, 2020.
- x. P.Anusha, Dr.M.Naga Swapna Sri have participated in AICTE Sponsored One Week Short Term Training Program (STTP) on “Foundations and Applications on Realtime Analytics and Security Challenges at PVPSIT from 6th -11th January, 2020.
- xi. Dr.B.Raghu Kumar has participated in the Interaction Meet with Host Institutions under MSME Business Incubation Scheme at MSME -Development Institute, Balanagar, Hyderabad on 20th January, 2020.
- xii. Dr.B.Raghu Kumar has participated in the “Orientation Workshop on Incubation” at Dr. Ambedkar International centre, at New Delhi on 30th January, 2020.

- xiii. P.Gopal Krishniah has participated in Three Day Faculty Development Program on “ 3D Experience –System Enginnering,Delmia & Simulia” at Dassault’s Systemes-3DPLM Office organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in association with Dassault’s Systemes from 23rd - 25th January,2020.
- i. J.Surendra has attended one day FDP on “Teaching Pedagogies and Active Learning” organized by Dept of I.T, at P.V.P.S.I.T, Vijayawada on 01st February, 2020.
- xiv. KIV.Vandana, M.Radha Devi have participated in the Six-Day Faculty Development Programme on “Teaching Engineering Standards and Intellectual Property Rights to Academicians” at NIT, Warangal from 13th -18th February, 2020.
- xv. T.Srinag, M.Somaiah Chowdary have participated in the MHRD, Govt. of India sponsored 5-Day SPARC course on “Tribiological Response of Advanced Nano Composites” at NIT, Warangal from 24th -28th February, 2020.
- xvi. Dr.P.Phani Prashanthi ,M.Rajya Lakshmi, M.Radha Devi, P.Anusha, Dr.M.Naga Swapna Sri, KIV.Vandana have participated in one –day orientation programme on “ CMM Operation and its Industrial Applications” at VR.Siddhartha Engineering College on 27th February, 2020.
- ii. Dr.Sd.Abdul Kalam, Dr.Phani Prasanthi, Ch.Vidya have participated in an AICTE Sponsored Short Term Course on “Air Delivery Systems and Indoor Environment Quality” at IIT Madras from 02nd -07th March, 2020.
- xvii. Dr.B.Raghu Kumar,Dr.M.S.R.Niranjan Kumar,Dr.K.Ravi, Dr.G.Vijay Kumar, Dr.K.Srividya, Dr.Phani Prasanthi Dr.Sd.Abdul Kalam, Dr.K.Ravi Prakash Babu M.V.H.Satish Kumar,U.Koteswara Rao, Dr.M.Naga Swapna Sri E.Kavitha, T.Srinag, P.Mastan Rao, KIV.Vandana, P.Anusha, P.Gopala Krishnaiah, N.Raghuram, Ch.Laxmikanth,J.Surendra, Ch.Vidya, M. Radha devi, T J Prasanna Kumar, K.Venkata Rao M.Rajya Lakshmi, Ch.Mohan Sumanth, M.Somaiah Chowdary, T J Prasanna Kumar have participated in One week SAGTE sponsored Faculty Development Program on “Design Thinking and Product Innovation” organized by Department of Mechanical Engineering at P.V.P.S.I.T,Vijayawada from 09th -13th March, 2020.
- xviii. T J Prasanna Kumar has successfully completed “5 Day Faculty Development Programme on SCILAB” organized by Department of ECE, PSCMR CET in association with Spoken Tutorial, IIT Bombay-PMMMNMTT from 29th April 2020 to 03rd May, 2020.
- xix. Dr.Phani Prasanthi, U.Koteswara Rao,M.Rajya Lakshmi, K.Ismail, P.Anusha have participated in One day webinar on “Enhancing Research Effectiveness” using Scopus, Science direct and Mendeley for the Faculty of Universities/Colleges/Institutes on 01st May, 2020.
- xx. Dr.Phani Prasanthi has participated in One Week Online Faculty Development Program on “Research Challenges and Opportunities Post COVID-19 (RECOP 2020)” organized by Research & Development Cell and Institution’s Innovation Council at Sri Vasavi Engineering College (Autonomous) from 4th -9thMay 2020.
- xxi. Dr.Sd.Abdul Kalam, KIV.Vandana, M. Radha Devi have participated in the webinar on” E-Library: A futuristic Design of Knowledge Dissemination by using Knimbus Digital Library platform” conducted by National Institute of Design, Andhra Pradesh in association with Knimbus on 06th May, 2020.

- iii. Dr.K.Srividya has participated in 9 hours of Faculty Development Program on CAM using Fusion 360(online Live FDP) conducted by ICT Academy from 07th – 13th May,2020.
- iv. P.Mastan Rao, Ch.Mohan Sumanth have actively participated in the webinar on “Research Publications, Process, Credentials and Outcomes at Baba Institute of Technology & Sciences on 09th May, 2020.
- v. Dr.G.Vijay Kumar, Dr.K.Srividya, U.Koteswara Rao, E.Kavitha, T.Srinag, P.Mastan Rao, KIV.Vandana, P.Anusha, Dr.M.Naga Swapna Sri, P.Gopala Krishnaiah, J.Surendra, M. Radha devi, T J Prasanna Kumar, Ch.Kishore Reddy, K.Venkata Rao, Ch.Mohan Sumanth have successfully completed online Faculty Program on NBA organized by Bharathi Vidyapeeth College of Engineering, Navi Mumbai on 10th May, 2020.
- vi. Dr.G.Vijay Kumar, Dr.Sd.Abdul Kalam, U.Koteswara Rao, M. Radha devi, K.Ismail has participated in online “Quiz on Recent Trends in IT” organized by Shree L.R. Tiwari College of Engineering, Maharashtra on 10th May, 2020.
- vii. Ch.Mohan Sumanth has attended a online lecture on “ Electric Vehicles for a sustainable future” organized by R.M.K.College of Engineering & Technology on10th May, 2020.
- viii. Dr.Phani Prasanthi has participated in One week workshop on “Smart Use of ICT Using Wordpress (Blog Creation) on 11th May, 2020.
- ix. Dr.K.Srividya, Dr.Phani Prasanthi, T.Srinag, P.Mastan Rao, KIV.Vandana, P.Anusha, Ch.Vidya, Dr.M.Naga Swapna Sri M.Somaiah Chowdary, P.Gopala Krishnaiah, K.Ismail, M. Radha Devi, T J Prasanna Kumar, Ch.Mohan Sumanth have successfully completed “Faculty Awareness Program on NAAC Accreditation” organized by RD’s Shri Chhatrapathi Shivajiraje College of Engineering, Dhangawadi, Pune conducted online during the period 10th -15th May,2020.
- x. Ch.Mohan Sumanth has participated in “A webinar on Virtual Classroom Management using Microsoft Teams” an online Training Program organized by at Lakkireddy Bali Reddy College of Engineering (Autonomous), Mylavaram on 11th May, 2020.
- xi. T.Srinag has actively participated in the webinar on “Transition of Welding Process with Robotic System” organized by Satyabama Institute of Science & Technology ,Chennai on 13th May,2020.
- xii. Dr.Sd.Abdul Kalam has participated in the Two Day National Level FDP Program by North Storm Academy from 13th -14th May, 2020.
- xiii. Ch.Mohan Sumanth has participated and completed online FDP on “Universal Human Values and Professional Ethics” organized by Chebrolu Engineering College, Guntur in association with JNTY-K from 13th -17th May,2020.
- xiv. M.Rajya Lakshmi has participated in the webinar for Faculty Development Program on “Outcome Based Education Software” organized by vmedulife software services on 14th May, 2020.
- xv. M.Rajya Lakshmi has successfully completed National Level Online FDP on “Impact of Covid-19 on Indian Economy & Industry” organized by Sangolli Rayanna First Grade Constituent College of Rani Channamma University, Belagavi from 14th -20th May, 2020.

- xvi. M. Radha Devi has participated in one day webinar on “Design of Experiments using Taguchi method” organized by Kallam Harindahareddy Institute of Technology, Guntur, on 14th May, 2020.
- xvii. U.Koteswara Rao, P.Mastan Rao, K.Ismail has participated in the webinar on “Engineering Drawing Practice for Technocrats” at Geethanjali Institute of Science Technology, Nellore on 16th May, 2020.
- xviii. KIV.Vandana has successfully completed online training on “Design Thinking” organized by MSME –Technology Development Center(PPDC),Agra from 16th -18th May,2020.
- xix. Dr.Sd.Abdul Kalam, P.Mastan Rao, P.Gopala Krishnaiah, M. Radha Devi has successfully completed the “Awareness Program on Outcome Based Education (OBE)” at MLR Institute of Technology on 18th May, 2020.
- xx. Dr.Sd.Abdul Kalam, P.Gopala Krishnaiah has participated in the online E-Quiz on “ Metal Cutting and Machine Tools” organized by Dept of Mechanical Engineering, Dhanekula Institute of Technology,Ganguru on18th May, 2020.
- xxi. Ch.Mohan Sumanth has participated in a webinar on “Successful steps towards high quality scientific publications” organized by Chalapathi Institute of Technology, Guntur on 18th May, 2020.
- xxii. Dr.G.Vijay Kumar, Dr.K.Srividya, Dr.M.Naga Swapna Sri, T.Srinag, P.Mastan Rao, KIV.Vandana, M.Rajya Lakshmi, M. Radha Devi have actively participated in online National Level Faculty Development Program on “Tools fo Online Classroom Post Covid-19” presented by Codegan IT Solutions in association with P.B.Siddhartha College of Arts & Science , Vijayawada from 18th -20th May,2020.
- xxiii. Dr.B.Raghu Kumar has participated in the online AICTE recognized Faculty Development Program on “Modelling and simulation using MATLAB” organized by NITTTR, Chandigarh from 18th -22nd May,2020.
- xxiv. P.Mastan Rao has participated in 5days online Faculty Development Program on “Introduction to Data Science” presented by Codegan IT Solutions in association with Guntur Engineering College from 18th -22nd May, 2020.
- xxv. Ch.Mohan Sumanth has participated in one week online FDP on “ Innovation & Research Trends in Mechanical Engineering” organized by Kallam HaranadhaReddy Institute of Technology from 18th – 22nd May, 2020.
- xxvi. Dr.K.Srividya, E.Kavitha, U.Koteswara Rao, Dr.K.Ravi Prakash Babu, P.Gopala Krishnaiah, Dr.M.Naga Swapna Sri, P.Anusha, K.Ismail, K.Venkata Rao have successfully completed One week Faculty Development Program on “Modelling and Optimization Techniques for Materials and Manufacturing Processes” conducted at Lakkireddy Bali Reddy College of Engineering (Autonomous), Mylavaram from 18th -22nd May, 2020.
- xxvii. U.Koteswara Rao, K.Ismail has participated in “Engineering Mechanics Online Assessment Quiz” organized by Department of Mechanical Engineering, Malineni Perumallu Educational Society’s Group of Institutions, Guntur, Andhra Pradesh, India conducted during 19th -23rd May, 2020.
- xxviii. E.Kavitha, Ch.Vidya, M.Somaiah Chowdary, P.Anusha, Dr.M.Naga Swapna Sri ,T J Prasanna Kumar, K.Venkata Rao have successfully completed Faculty Awareness Program

- on Outcome Based Education (OBE)” organized by Department of Aeronautical Engineering, MLR institute of Technology, Hyderabad on 19th May, 2020
- xxix. U.Koteswara Rao, Ch.Mohan Sumanth has participated in the webinar on “Research thrust areas in composites” organized by Department of Mechanical Engineering, Arasu Engineering College, Kumbhakonam, Tamilnadu on 20th May, 2020.
 - xxx. Ch.Vidya has actively participated in the webinar on “Advanced Manufacturing Practices-Robot Automation & Industry 4.0” conducted by Sri Sairam Institute of Technology, Chennai on 20th May, 2020.
 - xxxii. J.Surendra has attended 5 Day FDP on “Materials for Thermal & Renewable Energy Resource” conducted by Sri Sairam Institute of Technology, Chennai from 20th – 24th May 2020.
 - xxxiii. U.Koteswara Rao, K.Ismail have participated in the Awareness Program on Outcome Based Education (OBE) organized by MLRIT on 20th May, 2020.
 - xxxiiii. M. Radha Devi has participated in webinar on “Machining studies on Aluminium Composites” conducted by CMR University, School of Engineering and Technology, Karnataka on 21st May, 2020.
 - xxxv. K.Ismail has participated in One day webinar on “Machining studies on aluminium composites” organized by Department of Mechanical Engineering, CMR university on 21st May, 2020.
 - xxxvi. Dr.Sd.Abdul Kalam has participated in an online workshop on “Awareness on Industry Safety during COVID 19” organized by Dept of Mechanical Engineering, S.A. Engineering College, Chennai on 23rd May, 2020.
 - xxxvii. Dr.Phani Prasanthi has participated in E-Quiz on “Artificial Intelligence and Robotics”, Organized by the Department of Instrumentation and Control Engineering in association with Instrument Society of India (ISOI)- Students Chapter on 23rd May, 2020.
 - xxxviii. Dr.Sd.Abdul Kalam has actively participated in the webinar on “Evolution of Connected Industries” organized by Dept of Mechanical Engineering, Narasaropeta Engineering College on 23rd May, 2020.
 - xxxix. K.Ismail has participated in Online National Level Quiz on “Bio fuel & Renewable Energy” organized by Department of Mechanical Engineering, Narasaraopeta Engineering college on 23rd May, 2020.
 - xl. P.Anusha has participated in National Level Online Quiz on “ Test your skills on IoT” at MIT Arts & Science College, Alandi,Pune on 23rd May, 2020.
 - xli. Ch.Vidya has completed and performed excellent in “ Engineering Mechanics online crossword quiz” organized by Department of Mechanical Engineering, Malineni Perumallu Educational Society’s Group of Institutions, Guntur, Andhra Pradesh, India conducted during 24th -28th May, 2020.
 - xlii. Dr.K.Ravi Prakash Babu has participated in the International Webinar on “Art of writing Review/Articles for publishing in Peer Review Journals” organized by IQAC, MES College Erumely, Kerala on 25th May, 2020.
 - xliii. Ch.Mohan Sumanth has participated in” Mechanical Aspects of high voltage circuit breakers and isolators” organized by CMR University on 25th May, 2020.

- xliii. G.Bala Krishna has participated in the online AICTE recognized Faculty Development Program on “Recent Advances in Material Characterization” organized by NITTTR, Chandigarh from 23rd -28th May, 2020.
- xliv. U.Koteswara Rao, M.Rajya Lakshmi, Ch.Mohan Sumanth have participated in One Week Faculty Development Program on “Advanced NDT Techniques & Applications in Industry” organized by Indian Society for Non Destructive Testing, Hyderabad Chapter in association with Department of Mechanical Engineering, QISCET, Ongole from 25th-29th May, 2020.
- xlv. K.Ismail has participated in One Week Faculty Development Program on “Emerging Technologies in Robotics” organized by Department of Mechanical Engineering, Malla Reddy Engineering College, Secunderabad, Telangana from 26th to 30th May, 2020.
- xlvi. Dr.G.Vijay Kumar, Dr.Sd.Abdul Kalam, E.Kavitha ,T.Srinag, M. Radha Devi, T. J Prasanna Kumar has participated in the webinar on “Writing Effective Research Proposals” organized by IQAC & Dept. of CSE under AICTE Margadarshan at V.R.Siddhartha Engineering College, Vijayawada on 27th May, 2020.
- xlvii. Dr.Sd.Abdul Kalam, E.Kavitha, P.Mastan Rao, U.Koteswara Rao, P.Gopala Krishnaiah, K.Ismail have successfully completed National Level Quiz on NAAC Awareness Program, organized by IIC IQAC Cell , Joginpally B.R.Engineering College, Hyderabad on 27th May, 2020.
- xlviii. E.Kavitha, P.Gopala Krishnaiah have successfully completed National Level Quiz on NAAC organized by Padmabhushan Vasantdada Patil Pratishthan’s (P.V.P.P) College of Engineering,Mumbai on 27th May, 2020.
- xliv. Dr.Sd.Abdul Kalam has participated in the Online Quiz on Power Systems conducted by Dept. of ECE under Electrical Engineering Technical Association(EETA) at Institute of Aeronautical Engineering, Hyderabad on 27th May, 2020.
 - i. Ch.Vidya, P.Gopala Krishnaiah, K.Ismail, T J Prasanna Kumar have participated in One Day National Level Webinar on “Technology and its Implications on Economy in 21st Century” organized by Chebrolu Engineering College, Guntur, on 27th May, 2020.
 - ii. Ch.Vidya has successfully completed online Awareness Quiz on “Research” organized by Journal of Advanced Research in Technology and Management Sciences,Hyderabad on 28th May, 2020.
 - iii. Dr.Sd.Abdul Kalam has actively participated in webinar on “ 5G Technology & its Applications” conducted by Sri Vasavi Institute of Engineering & Technology, Nandamuru on 28th May, 2020.
 - iv. Dr.Sd.Abdul Kalam,T.Srinag has participated in the webinar on “Insights to Industry 4.0” organized by Dept of Mechanical Engineering, S.A. Engineering College, Chennai on 29th May, 2020.
 - v. Dr.Sd.Abdul Kalam has successfully completed National Level Quiz on NAAC organized by Dept of CSE at Padmabhushan Vasantdada Patil Pratishthan’s College of Engineering, Mumbai on 29th May, 2020.
 - vi. Ch.Vidya has successfully completed the Quiz on “Teaching Methods and Strategies” at MLR Institute of Technology on 29th May, 2020.

- lvi. Dr.K.Srividya, U.Koteswara Rao, E.Kavitha, P.Gopala Krishnaiah, K.Ismail have participated in “Online National Level Quiz on Mechanical Engineering” organized by Holy Mary Institute of Technology & Science, Keesara on 30th May, 2020.
- lvii. Dr.Phani Prasanthi has participated in the Webinar, conducted on topic “understanding Building Institutuon” held at Anurag froup of Institution on 30th May, 2020.
- lviii. Dr.K.Ravi Prakash Babu has participated in the webinar on “Welding as a career” conducted at Lakkireddy Bali Reddy College of Engineering (Autonomous), Mylavaram on 30th May, 2020.
- lix. Dr.Sd.Abdul Kalam, P.Gopala Krishnaiah has successfully completed National Level Quiz on NBA organized by Dept of CSE at Padmabhushan Vasantdada Patil Pratishthan’s College of Engineering, Mumbai on 31st May, 2020.
- lx. U.Koteswara Rao, K.Ismail has participated in IPR & Patents Online Assessment Quiz organized by Department of Mechanical Engineering, Malineni Perumallu Educational Society’s Group of Institutions, Guntur, Andhra Pradesh, India conducted during 29th May, 2020 to 03rd June, 2020.
- lxi. Dr.K.Srividya, E.Kavitha, Dr.Sd.Abdul Kalam, P.Gopala Krishnaiah have successfully completed online e-quiz on “Fundamentals of Mechanical Engineering” organized by Sri Vasavi Institute of Engineering Technology, Pedana from 30th May, 2020 to 04th June, 2020.
- lxii. P.Gopala Krishnaiah has participated in a National Level 5-Day FDP on “OBE-NBA Process” organized by IQAC, Narasaraopeta Engineering College, Narasaraopeta from 28th May, to 1st June, 2020.
- lxiii. P.Gopala krishnaiah has attended Online Faculty Development program on “Research Among Youth 2020” conducted by Department of Mechanical Engineering, Vardhaman College of Engineering, Hyderabad from 28th May, to 3rd June, 2020.
- lxiv. Dr.Sd.Abdul Kalam, E.Kavitha have actively participated in the webinar on “ Ensuring Quality Assurance in Higher Education – Role of Industry Professional Bodies” organized by IQAC Dept of CSE under AICTE Margadarshan at V.R.Siddhartha Engineering College, Vijayawada on 01st June,2020.
- lxv. Dr.Phani Prasanthi, Ch.Vidya, M. Radha Devi, P.Mastan Rao have attended a webinar on “Nanofluid Applications in Engineering” organized by Vishnu Institute of Technology, Bhimavaram on 01st June, 2020.
- lxvi. M. Radha Devi, P. Gopalakrishnaiah have participated in a Five day National Level Faculty Development Program on “Soft Computing and Multi-Objective Optimization” organized by the Dept. of Mechanical Engineering, Tirumala Engineering College, Jonnalagadda, Narasaraopet, Guntur, from 01st -05th June, 2020.
- lxvii. Dr. Sd. Abdul Kalam has participated in the 5-Day FDP on " Refrigerants Progression - Environmental Concerns" organized by QIS College of Engineering and Technology, Ongole, from 01st -05th June, 2020.
- lxviii. Dr. Sd. Abdul Kalam has participated in online FDP on “Digital Engineering in Aerospace” organized by APSSDC, in association with Dassault Systems from 01st -05th June, 2020.
- lxix. Ch.Mohan Sumanth has participated in the Five day online FDP on “Emerging trends in Mechanical Engineering” organized by St. Peter’s Engineering College, Hyderabad, from 02nd -06th June, 2020.

- lxx. U.Koteswara Rao has participated and completed APSSDC online FDP on “Finite Element Analysis approach for industrial applications using ANSYS” from 03rd -05th June, 2020.
- lxxi. M. Radhadevi, J. Surendra have participated and successfully completed APSSDC online FDP on “Solid Edge” from 01st -13th June, 2020.
- lxxii. P.Gopala krishnaiah has participated in seven day Short Term Training Program on "Development of Research Proposal and Funding Opportunities" organized by Tirumala Engineering College Narasaraopet from 3rd - 9th June 2020.
- lxxiii. Dr. P.Phani Prasanthi, Dr. Sd. Abdul Kalam have participated in 5 day online National level FDP on "Recent Advances in 3 D printing Technologies" organized by DhaneKula Institute of Engineering and Technology, Ganguru from 04th - 08th June 2020.
- lxxiv. E.Kavitha has actively participated in the webinar on “Advanced Material Processing” organized by Dept. Of Mechanical, Narasaraopeta Engineering College, Narasaraopeta on 04th June, 2020.
- lxxv. K.Ismail has participated in 5 day International Faculty Development Program on "Emerging research areas in Engineering" organized by Dept of Mechanical Engineering in Association with Institutions of Engineers India at SRM Institute of Science and Technology, Chennai from 5th -9th June 2020.
- lxxvi. Ch.Mohan Sumanth has participated in "Fuel cell Technology and its applications" organized by SVR Engineering college, Nandyal on 05th June 2020.
- lxxvii. Dr.G.Vijay Kumar, E.Kavitha has successfully completed the self pacing training course on “MATLAB Onramp” organized by Math works, Training Services on 05th June, 2020.
- lxxviii. Dr. Sd. Abdul Kalam has participated in the webinar on " Covid 19 lock down: Challenges and Solutions of online Teaching - Learning Methods" organized by B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai on 06th June, 2020.
- lxxix. P.Gopalakrishnaiah has participated in one day workshop on "Product Design and Development" organized by SPAR-V Technologies, on 06th June, 2020.
- lxxx. P.Gopalakrishnaiah has participated one day online workshop entitled "Design Thinking for Achieving Excellence in Innovation" organized by University College of Engineering Narasaraopet on 06th June, 2020.
- lxxxi. M. Radhadevi, Ch.Mohan Sumanth, K. Ismail have attended webinar on “Robotics operations and Applications”, organized by CMR University, School of Engineering and Technology on 07th June 2020.
- lxxxii. Dr.G.Vijay Kumar, P. Anusha has successfully completed One Week Faculty Development Programme on “Frontiers in Mechanical Engineering” at KKR & KSR Institute of Technology and Sciences, Guntur from 08th -12th June, 2020.
- lxxxiii. Dr. Sd. Abdul Kalam has participated in the 5-Day FDP on " Multi objective optimization for Mechanical Engineering Applications" organized by QIS College of Engineering and Technology, Ongole, from 08th -12th June, 2020.
- lxxxiv. K.I.V.Vandana, M. Rajya Lakshmi has participated in FDP on “Milling NC Programming” organized by APSSDC Siemens from 08th -13th June 2020.
- lxxxv. P.Gopalakrishnaiah has attended Webinar series on Advances in Mechanical Engineering from 08th -13th June 2020.

- lxxxvi. P.Gopalakrishnaiah has participated in the Five Day Online FDP on "Materials, Manufacturing and Machining Processes" organized by the department of Mechanical Engineering from 8th -15th June 2020.
- lxxxvii. Dr. Sd. Abdul Kalam, T.J. Prasanna Kumar, J. Surendra, T.Srinag, K. Ismail have attended a webinar session on “Desiccant based dehumidification and cooling system” organized by MIC College of Technology, Kanchikacherla, on 8th June 2020.
- lxxxviii. Dr. Sd. Abdul Kalam, E.Kavitha, T. J. Prasanna Kumar, P Mastan Rao have attended a webinar session on “Fundamentals of Multiphase Flow and its Modeling” at MIC College of Technology, Kanchikacherla on 08th June, 2020.
- lxxxix. P.Gopalakrishnaiah, T.J. Prasanna Kumar, P.Mastan Rao, K.Ismail have successfully completed online "Awareness program on Entrepreneurship" organized by Institutions Innovation Council SRKR Engineering College, Bhimavaram, on 08th June, 2020.
- xc. Dr.G.Vijay Kumar has participated in One Day National Webinar on “Role of Additive Manufacturing (3D Printing)” during COVID-19 at Engineering College Banswara on 09th June, 2020.
- xc. M.Somaiah Chowdary has participated in 5 Day online FDP on “Contemporary Developments in Manufacturing processes, Sustainable Manufacturing and Industrial Technologies”, organized by Dept. Mechanical Engineering during 9th -13th June, 2020.
- xcii. K.Venkata Rao, T.J.Prasanna Kumar have participated in a webinar on “Recent Trends in Thermal Engineering – 2020”, organized by Dept. Mechanical Engineering, BITM, Ballari from 9th - 13th June 2020.
- xciii. Dr. P.Phani Prasanthi has participated in One week online faculty development program on "Research and development in material behavior, Processing and characterization Techniques" by GLA university Mathura in association with IIM, Mathura chapter and Punjab University from 9th - 14th June, 2020.
- xciv. Ch. Lakshmi Kanth has attended a webinar on “How to Write a Research Manuscript: Current Protocols” on 10th June, 2020.
- xcv. Dr.G.Vijay Kumar, P.Mastan Rao has attended a webinar session on “Fundamentals of Bearings and its Manufacturing for Automotive Appliances” at MIC College of Technology, Kanchikacherla on 10th June, 2020.
- xcvi. Ch. Lakshmi Kanth, P. Gopalakrishnaiah have participated in online Faculty Development Program on “MATLAB and Simulink in Engineering Education” organized by APSSDC from 10th – 11th June, 2020.
- xcvii. Dr. K. Ravi Prakash Babu has completed Faculty Development Program on “Outcome Based Education” organized by NRI Institute of Technology, Agiripalli, conducted online from 10th – 12th June,2020.
- xcviii. E.Kavitha, M.Radha Devi have actively participated and successfully completed APSSDC online FDP on “Simulating Conventional and Additive Manufacturing Processes” from 10th -12th June, 2020.
- xcix. M. Rajya Lakshmi has participated in 3-Day FDP on “Mechanical behavior of Bio & Composite Materials” organized by Dept. of Mechanical Engineering, Andhra Loyola Institute of Engineering and Technology from 10th – 13th June,2020.

- c. Dr.G.Vijay Kumar, E.Kavitha, P Mastan Rao, T.Srinag, M.Somaiah Chowdary have attended a webinar series on Advances in Mechanical Engineering in "Micro-Mechanics of Polymer Nano Composites" organized by Dept of Mechanical Engineering, MIC College of Technology on 11th June, 2020.
- ci. Dr.B.Raghu Kumar has delivered a Keynote Lecture on “Condition Monitoring” for One Week Faculty Development Programme on “Frontiers in Mechanical Engineering” at KKR & KSR Institute of Technology and Sciences, Guntur on 11th June, 2020.
- cii. Dr.G.Vijay Kumar, Dr. P. Phani Prasanthi, E.Kavitha, P Mastan Rao, K. Ismail have attended a webinar session on “Friction stir Processing: A Novel Solid State Grain Refinement Technique” at MIC College of Technology, Kanchikacherla on 12th June, 2020.
- ciii. Dr.G.Vijay Kumar, Dr. P. Phani Prasanthi, Ch. Mohan Sumanth, K.Ismail have attended a webinar session on “Advancements in Robotics” at MIC College of Technology, Kanchikacherla on 13th June, 2020.
- civ. Dr. P. Phani Prasanthi has participated in the webinar on " Basics of Condition Monitoring with introduction to various CM techniques & Case studies" conducted by Mechanical Engineering Department, S.G.S.I.T.S, Indore (M.P.) on 14th June, 2020.
- cv. Ch.Vidya has completed the E-Shodh Sindhu Web of Science Certification Series on 15th June, 2020.
- cvi. P. Mastan Rao has participated on "Thermal Engineering" conducted by Dept of Mechanical Engineering, Geethanjali Institute of Science & Technology on 15th June, 2020.
- cvii. M. Rajya Lakshmi has participated in the Five Days National level online FDP on “Techniques in Enhancing Teaching & Learning skills” organized by IQAC Cell, Idhaya College for Women, Kumbakonam from 15th -19th June, 2020.
- cviii. Dr.G.Vijay Kumar, U.Koteswara Rao, E.Kavitha, MVH Satish Kumar, G. Balakrishna, K.Venkata Rao, M. Radha Devi, M. Somaiah Chowdary, P Mastan Rao, P.Gopalakrishnaiah, T.J.Prasanna Kumar, K.Ismail have participated in one week online FDP on “Research Trends in Mechanical Engineering” organized by Gudlavalleru Engineering college, Seshadri Rao Knowledge village, Gudlavalleru during 15th – 20th June, 2020.
- cix. M.V.H. Satish Kumar, P.Gopalakrishnaiah has participated one week online national workshop on "Sustainable Manufacturing" organized by Dept of Mechanical Engineering, Raghu Institute of Technology, Visakhapatnam from 15th- 20th June 2020.
- cx. M. Rajya Lakshmi, P.Anusha have participated in live Webinar program on topic “Unique Program that makes Water prenuers – to transform water stressed cities and towns to become water abundant” by Jeppiaar Institute of Technology on 16th June, 2020.
- cxi. K.Ismail has attended a webinar session on Materials Characterization Time of Flight Secondary ion Mass Spectroscopy TOF-SIMS by National Institute of Science and Technology on 17th June, 2020.
- cxii. K.Ismail has attended a webinar session on Evolution of Texture in Materials organized by Dept of Mechanical Engineering, National Institute of Science and Technology, Odisha on 18th June, 2020.

- cxiii. Dr. Sd. Abdul Kalam has participated in the 3-Day FDP on “Computational Fluid Dynamics” Organized by Bharatiya Vignana Mandali (AP Chapter of Vijnana Bharati), during 18th -20th June, 2020.
- cxiv. K.Ismail has attended a webinar session on Nano materials for Health Care Sector organized by Dept of Mechanical Engineering, National Institute of Science and Technology, Odisha on 19th June, 2020.
- cxv. K.Ismail has attended a webinar session on Nano plastics: The Tiny Emerging Contaminant organized by Dept of Mechanical Engineering National, Institute of Science and Technology, Odisha on 19th June, 2020.
- cxvi. Dr.K.Srividya, Dr. P. Phani Prasanthi, Dr. Sd. Abdul Kalam, E.Kavitha ,P. Anusha, P. Mastan Rao, have participated in Half day online workshop on "An overview on Energy Conservation Building code (ECBC) Compliance" organized by ISHRAE Vijayawada Sub-Chapter in association with Administrative Staff college of India (ASCI) on 20th June, 2020.
- cxvii. K.Ismail has attended a webinar session on Energy Saving Needs, Technique & their Implementation organized by Dept of Mechanical Engineering National, Institute of Science and Technology, Odisha on 21th June, 2020.
- cxviii. Ch.Mohan Sumanth, K. Ismail have participated in one week online International FDP on "Research Challenges in Mechanical Engineering" organized by Dept. Mechanical Engineering ,SVCET, Chittoor, from 22nd – 27th June,2020
- cxix. M. Rajya Lakshmi has participated in the webinar “Research Skill Development” organized by Department of physics, GITAM School of Sciences, GITAM, Hyderabad during 23rd - 27th June, 2020.
- cxx. Dr. Sd. Abdul Kalam has participated and successfully completed APSSDC online FDP on "Multiphysics Focused Computational Fluid Dynamics using MSC software from 24th – 26th June,2020.
- cxxi. Ch.Vidya has participated in the “A Webinar on Design of Chilled Water system" on 25th June, 2020.
- cxxii. Dr. K.Srividya, U. Koteswara Rao, K.I.Vishnu Vandana, M. Radha Devi, Mrs. M. Rajya Lakshmi, Mr. J. Surendra, P.Gopalakrishnaiah, K.Ismail , P.Anusha have participated in two day “National Conference on Recent Advances in Mechanical Engineering (NCRAME – 2020)” organized by PVPSIT, Department of Mechanical Engineering from 26th – 27th June,2020.
- cxxiii. Ch.Lakshmi Kanth has participated in online webinar on “ MATLAB and It’s Applications” organized by Department of Mechanical Engineering, Care Group of Institutions, Trichy on 27th June 2020.
- cxxiv. Dr. Sd. Abdul Kalam has participated in live webinar on " Fire & Gas detection for Oil & Gas process industrial applications" organized by St. Joseph's College of Engineering, Chennai, held on 27th June 2020.
- cxxv. P.Gopalakrishnaiah has participated in online webinar on "MATLAB and it’s Applications" organized by Dept of Mechanical Engineering, CARE Group of Institutions, on 27th June 2020.

- cxxvi. E.Kavitha has participated in the online Faculty Development Programme on “Video Tutorial Education and online Assessment” at Anil Neerukonda Institute of Technology and Sciences affiliated to Andhra University, Visakhapatnam, on 28th June, 2020.
- cxxvii. Ch.Vidya has participated in the webinar on “Turbulence Modeling” organized by Lakireddy Bali Reddy College of Engineering, Mylavaram on 28th June, 2020.
- cxxviii. M. Radha Devi has participated in National Webinar on “ Role of Composites in Modern Engineering Era” organized by department of Applied Science and Humanities (Chemistry) of Tirumala Engineering College on 29th June, 2020.
- cxxix. K.Ismail has successfully completed the studies and satisfy the requirements by passing "Finite Element Method” organized by Dept of Mechanical Engineering, Sri Venkateswara College of Engineering & Technology, Anantapur, from 29th June- 01st July, 2020.
- cxxx. Dr. K. Ravi Prakash Babu has participated in one day online workshop on “Start-Ups Awareness and its Significance”, sponsored by Institution’s Innovation Council – MHRD, New Delhi, organized by Centre for Incubation and Entrepreneurship, Lakkireddy Bali Reddy College of Engineering, Mylavaram, on 29th June,2020.
- cxxxii. Mr. U. KoteswaraRao, Mr. K.Ismail has participated in IPR & Patents Online Assessment Quiz organized by Department of Mechanical Engineering, Malineni Perumallu Educational Society’s Group of Institutions, Guntur, Andhra Pradesh, India conducted during 29th May, 2020 to 03rd June, 2020.
- cxxxiii. Mr. Gopalakrishnaiah Peteti has successfully completed online e-Quiz on "Fundamentals of Mechanical Engineering" organized by Dept of Mechanical Engineering Sri Vasavi Institute of Engineering and Technology during 30th May to 04th June 2020.
- cxxxiiii. Mr. P MastanRao had completed Automobile Engineering Quiz by GIET(A) on 01st June 2020.
- cxxxv. Mr. Koteswara Rao Unnam has participated in online Quiz on “Concepts of Mechanical Engineering” organized by Godavari Institute of Engineering and Technology on 06th June 2020.
- cxxxvi. Ismail K has Actively Participated in “Peri Mech Tech Quiz” on “Basic Mechanical” organized by Dept of Mechanical Engineering, PERI Institute of Technology on 08th June 2020.
- cxxxvii. Mr. Koteswara Rao Unnam has passed the “Engineering Mechanics Quiz" in a national online Quiz series on "Machine Design" organized by Lakkireddy Bali Reddy College of Engineering, Mylavaram on 10th June 2020.
- cxxxviii. Mr. Koteswara Rao Unnam, Mrs. P. Anusha has completed the A National level Quiz on “Fundamentals of Robotics" organized by Dept. of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, conducted on 14th June 2020.
- cxxxix. Mrs. E.Kavitha has successfully completed a National Level Quiz on “Fundamentals of Robotics” at Lakkireddy Bali Reddy College of Engineering (Autonomous), Mylavaram on 14th June, 2020.
- cxxxix. Mr. Ismail K has successfully passed the Dynamics of Machines Quiz in National Online Technical Quiz on Machine Design organized by Dept of Mechanical Engineering, Lakkireddy Bali Reddy College of Engineering Mylavaram on 14th June, 2020.

- cxl. Mr. Koteswara Rao Unnam, Mr. Ismail K has successfully passed Internal Combustion Engines Quiz organized by Dept of Mechanical Engineering Lakireddy Bali Reddy College of Engineering, Mylavaram on 14th June, 2020.
- cxli. Mr. Ismail K has successfully passed Kinematics of Machines Quiz in National Online Technical Quiz series on Machine Design organized by Dept of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering on 14th June, 2020.
- cxlii. Mr. Koteswara Rao Unnam , Mrs. E.Kavitha ,Mr. Ismail K has completed National level online Quiz on " E-Learning" organized by P.V.P.P. College of Engineering, Mumbai on 14th June, 2020.
- cxliii. Mr. Kasukurthi Venkata Rao, P Mastan Rao have completed the National level online quiz on Outcome Based Education (OBE) on 15/06/2020 organized by Dept. of CSE, Pragati Engineering College (A).
- cxliv. Mr. Ismail K has successfully completed a National Level Quiz on “Basics of Mechanical Engineering” at Lakkireddy Bali Reddy College of Engineering, Mylavaram on 15th June, 2020.
- cxlv. Mr. Ismail K has successfully completed the International Level Online Quiz on Digital Manufacturing conducted by Dept of Mechanical Engineering, OP Jindal University on 15th June, 2020.
- cxlvi. Mr. Koteswara Rao Unnam has successfully passed the “Finite Element Analysis Quiz" in a national online Quiz series on "Machine Design" organized by Dept of Mechanical Engineering, Lakkireddy Bali Reddy College of Engineering, Mylavaram, on 15th June, 2020.
- cxlvii. Mr. Koteswara Rao Unnam has successfully passed the “Design of Machine Elements Quiz" in a national online Quiz series on "Machine Design" organized by Dept of Mechanical Engineering, Lakkireddy Bali Reddy College of Engineering, Mylavaram, on 15th June, 2020.
- cxlviii. Mr. Gopalakrishnaiah Peteti has successfully passed "Internal Combustion Engines Quiz" organized by Dept of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, on 16th June, 2020.
- cxlix. Mrs. E.Kavitha, Mrs. P. Anusha has successfully completed a National Level Quiz on “Robotics Anatomy” at Lakkireddy Bali Reddy College of Engineering (Autonomous), Mylavaram on 16th June, 2020.
- cl. Mr. Koteswara Rao Unnam has successfully passed the “Dynamics of Machines Quiz" in a national online Quiz series on "Machine Design" organized by Dept of Mechanical Engineering, Lakkireddy Bali Reddy College of Engineering, Mylavaram, on 16th June, 2020.
- cli. Mr. Koteswara Rao Unnam has successfully passed the " Kinematics of Machines Quiz" in a national online Quiz series on "Machine Design" organized by Dept of Mechanical Engineering, Lakkireddy Bali Reddy College of Engineering, Mylavaram, on 16th June, 2020.
- clii. Mr. Gopalakrishnaiah Peteti has participated Online Quiz on subject" Metal Cutting and Machine Tools" Organized by Dept of Mechanical Engineering Dhanekula Institute of Engineering and Technology Ganguru on 18th June, 2020.

- cliii. Mr. Ismail K has participated online Quiz on Green Engineering Systems organized by Dept of Mechanical Engineering VKR, VNB & AGK College of Engineering from 19th to 26th June 2020.
- cliv. Mrs. E.Kavitha has successfully participated in the “Yoga Day Awareness Quiz” at Raghu Institute of Technology, Visakhapatnam, on 20th June, 2020.
- clv. Mr. Ismail K has successfully completed National Level Quiz on "NAAC" organized by Department of Computer Engineering PVPP College of Engineering, Mumbai on 20th June, 2020.
- clvi. Mrs. P. Anusha, E Kavitha have successfully passed in the " Quiz on Industrial Robots - support systems" in a National online Technical quiz series on "Robotics and Automation" organized by the Robotics club, Dept. of Mechanical Engineering, Lakkireddy Bali Reddy College of Engineering, Mylavaram, conducted on 21st June, 2020.
- clvii. Mrs. P. Anusha, E Kavitha have successfully completed the quiz on" Kinematics of Robots" organized by the Robotics club, Dept. of Mechanical Engineering, Lakkireddy Bali Reddy College of Engineering, Mylavaram, conducted on 21st June, 2020
- clviii. Mr. Kasukurthi Venkata Rao, P Mastan Rao have passed in National online Technical Quiz of “Engineering Graphics Quiz” organized by The Robotics club of Dept of Mechanical Engineering, Lakkireddy Bali reddy College of Engineering, Mylavaram, conducted between 22nd - 26th June, 2020.
- clix. Mrs. P. Anusha has participated and qualified the quiz on"Covid-19, Biodiversity and Immunity" organized by Asian Biological Research Foundation (ABRF) Prayagraj on 24th June, 2020.
- clx. Mrs. P. Anusha has participated in an online Quiz on “International Yoga Day E- Quiz" Conducted by SNS College of Technology, Coimbatore on 24th June, 2020.
- clxi. Mr. Somaiah Chowdary Mallampati has participated and passed the online quiz on “ Advances in Composite materials and Manufacturing process” organized by Dept. of Mechanical Engineering, St. Ann’s College of Engineering and Technology , Chirala on 26th June, 2020.
- clxii. Mrs. E.Kavitha has successfully completed a National Level Quiz on “Basics of Mechanical Engineering” at Lakkireddy Bali Reddy College of Engineering (Autonomous), Mylavaram on 26th June, 2020.
- clxiii. Mr. T. Srinag has participated in the " Computer Aided Design and Manufacturing" E- Quiz organized by Dept of Mechanical Engineering, Annamalai Polytechnic College, Chettinad from 27th - 30th June 2020.

3. Publications by the faculty (National/International Journals/ Conferences):

International Journals – 06

Scopus indexed:

- i. K I Vishnu Vandana , K N S Suman, Hardness and Fracture Toughness of Ceramic Composite using Experimental and Analytical Method, “International Journal of Engineering and Advanced Technology (IJEAT)”, ISSN: 2249 – 8958, Volume-9 Issue-2, January, 2020.

- ii. Ch. Kishore Reddy, M. Gopi Krishna, VSN Venkata Ramana, Corrosion Characterization of Al-4mg Based Metal-Metal Compositewith High Strength Alloy Particulate as Reinforcement, International Journal of Recent Technology and Engineering(IJRTE), ISSN:2277-3878, Vol-8, Issue-5, 1638-1641, January-2020.
- iii. M. Radha Devi, K. Srividya, M.Nagaswapnasri, J.Surendra, P.Anuroop, Automobile Radiator's Engineering and Analysation, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, March, 2020
- iv. K. Venkatarao, K. Sivaji Babu, G. Ranga Janardhana, Effect of Alkali Treatment on mechanical Behaviour of Hemp/Jute Fibre reinforced Polyster hybrid composites, TEST Engineering and Management, ISSN: 0193-4120, Vol-83, 14344-14353, April, 2020.
- v. P. Gopala Krishnaiah, Ch. Kishore Reddy, K Sriram Vikas, M Gopi Krishna, A comprehensive Evaluation of Wear behaviour of aluminium matrix composites with various metallic and non metallic particulates as reinforcement, International Journal of Mechanical and Production Engineering Research & Development (IJMPERD), ISSN(P): 2249-6890, Vol-10, Issue-2, 505-514, April, 2020.
- vi. P. Srinivas Manikanta, M. Somaiah Chowdary and M. S. R. Niranjan Kumar "Evaluation of Mechanical Properties of Banana and S-glass Fiber-Reinforced Hybrid Nanosilica Composite", Advances in Applied Mechanical Engineering, Lecture Notes in Mechanical Engineering, Springer Nature Singapore Pvt. Ltd. 2020.
- vii. Dr B. Raghu kumar Dr. K. Ravi prakash babu, Dr. Md. Abid ali, G. Durga prasad, Mechanical Behaviour of Zn and Cu Reinforcement in Al-Sic Composite, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg: 2551-2558, June 2020.
- viii. Dr G. Vijay Kumar, Dr M. V Ramesh, Design and Fabrication of Automatic seed sowing robotic vehicle, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg: 1741-1750, June 2020.
- ix. M. RajyaLakshmi, N. SomeswaraRao, R Nagarjuna, M. Balaji, Design And Manufacture Of Thermoplastic Hub Nut, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, , published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg 1751-1760 June 2020.
- x. KIV Vandana, N VenkateswaraRao, N Venkatesh, Solar Powered Ultraviolet (UV) Water Purification, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg: 1903-1912, June 2020.
- xi. P Anusha, M. Naga Swapna Sri, Experimental Investigation On Effect Of Nano Lubrication In A VCR System Using R410a Refrigerant With Al2O3 Nano Particles, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg: 1761-1768, June 2020.

- xii. T. Srinag,V Naga Prasad Naidu, K Hema Chandra reddy,Bamboo and pineapple leaf fiber reinforced neem shell, liquid composite, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg: 1893-1902, June 2020.
- xiii. T. Srinag,ChSrinivas, P. Uma MaheswaraRao, M. Chandra sekhar,Experimental Investigations On Material Removal Rate In Turning Of EN 8 Steel, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg: 1769-1776, June 2020.
- xiv. Ch. Vidya,G. Ravi KiranSastry, P PhaniPrasanthi, S Snigdha, NovelCFD Analysis Of Heat Transfer Characteristics Of Nano Coolants For Car Radiators, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg: 1869-1876, June 2020.
- xv. Dr. K. Srividya , Ch. Mohan Sumanth , J. Surendra& V. Sankararao,Fabrication Of Al Alloy Composite Reinforced With Silicon Carbide And Graphite Through Stir Casting Process And Wear Analysis, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg:1445-1454, June 2020.
- xvi. E Kavitha, Ismail Karavada, MRS Satyanarayana,Modelling and Fabrication of Micro controller based speed control systemin hydro turbine, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg:1455-1462, June 2020.
- xvii. Dr M.Naga Swapna Sri , Anusha Peyyala, Dr N V V S Sudheer, Dr.K.Srividya, **Performance Analysis of VCR System using Tio2 Nano Particles in Lubricant**, National Conference on Recent Advances in Mechanical Engineering (NCRAME-2020), PVPSIT, published in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), Volume 10, Issue-3,Pg: 2565-2574, June 2020.

International Conferences: 02

- i. P. PhaniPrasanthi, Sai Mouli Makineni, P. V. SatyanarayanaYalamachili, , K. SivajiBabu, M. Mounika, “Performance of Laminated Composite Turbomachinery Blades Using Finite Element Method with Delamination”, Advances in Materials and Manufacturing Engineering pp 17-28, Conference Proceedings, Springer, Singapore, January 2020.
- ii. B. Raghukumar, S. Nagakalyan, Preparation and characterization of carbon/epoxy towpreg composite material, International Conference on Recent Advances in Materials, Manufacturing & Energy Systems, Materials today proceedings, ISSN: 2214-7853, Vol-23 Part-3, 499-506, March 2020

National Conferences - 03

- i. K. Gopi Krishna, U. Koteswara Rao, Ch. Nagaraju, Mitigation of Stress concentration in a plate having a central hole subjected to tensile load using piezoelectric patches, Future Trends in Materials, Manufacturing and Mechanical Engineering National Conference on (FTMMME-2020) NIT Raipur, February 2020.
- ii. Sd. Abdul Kalam, Design and Analysis of Hydraulic actuated Mandrel, Future Trends in Materials, Manufacturing and Mechanical Engineering National Conference on (FTMMME-2020) NIT Raipur, February 2020.
- iii. G. Vijay Kumar, “Fabrication of Semi-automatic water bottle cleaning machine”, 2nd National Conference on Current Trends in Advance Manufacturing and Energy Systems (CTAMES)-2020,KITS, Guntur, March 2020.
- iv. Dr.K.Srividya has participated and presented a paper entitled “Fabrication of Al Alloy Composites Reinforced with Silicon carbide and Graphite through Stir casting Process and Wear Analysis” in two day National Conference on Recent Advances in Mechanical Engineering (NCRAME – 2020)” organized by P.V.P.S.I.T, Department of Mechanical Engineering from 26th – 27th June,2020.
- v. Dr.G.Vijay Kumar has participated and presented a paper entitled “Design and Fabrication of Automatic Seed Sowing Robotic Vehicle” in two day “National Conference on Recent Advances in Mechanical Engineering (NCRAME – 2020)” organized by P.V.P.S.I.T, Department of Mechanical Engineering from 26th – 27th June,2020.
- vi. P.Anusha has participated and presented a paper entitled “Experimental Investigation on effect of Nano lubrication in a VCR System using R410A Refrigerant with Al₂O₃ Nano Particles” in two day “National Conference on Recent Advances in Mechanical Engineering (NCRAME – 2020)” organized by P.V.P.S.I.T, Department of Mechanical Engineering from 26th – 27th June,2020.
- vii. Dr.M.Naga Swapna Sri has participated and presented a paper entitled “Performance Analysis of VCR System using TiO₂ Nano Particles in lubricant” in two day “National Conference on Recent Advances in Mechanical Engineering (NCRAME – 2020)” organized by P.V.P.S.I.T, Department of Mechanical Engineering from 26th – 27th June,2020.
- viii. T.Srinag has participated and presented a paper entitled “Bamboo and Pineapple leaf fiber reinforced neem shell liquid composites” in two day “National Conference on Recent Advances in Mechanical Engineering (NCRAME – 2020)” organized by P.V.P.S.I.T, Department of Mechanical Engineering from 26th – 27th June,2020.
- ix. E.Kavitha has participated and presented a paper entitled “Modelling and Fabrication of Microcontroller Based Speed Control System in Hydro Turbine” in two day “National Conference on Recent Advances in Mechanical Engineering (NCRAME – 2020)” organized by P.V.P.S.I.T, Department of Mechanical Engineering from 26th – 27th June, 2020.
- x. Ch.Vidya has participated and presented a paper entitled “Novel CFD Analysis on Heat Transfer Characteristics of Nano coolants for Automobile Radiators” in two day “National Conference on Recent Advances in Mechanical Engineering (NCRAME – 2020)” organized by P.V.P.S.I.T, Department of Mechanical Engineering from 26th – 27th June,2020.

4. Faculty Achievements (Higher Qualification awarded, guest lectures given, awards and rewards, acted as a Judge or Resource person etc.):

- i. Dr.B.Raghu Kumar guided Ph.D
Name of the candidate: P. Kasi Visweswara Rao
Name of the University: KLU, Vaddeswaram, Guntur.
Date of notification: 05.02.2020.
- ii. Dr. M.S.R Niranjan Kumar acted as a judge for paper contest at National conference conducted by RVR&JC, Guntur on 27.02.2020.
- iii. Dr. M.S.R Niranjan Kumar acted as a judge for paper contest at National conference conducted by MIC college of Engineering , Kanchikacherla on 14.02.2020.
- iv. Dr.G.Vijay Kumar has delivered a Lecture on “3D printing Technologies” in One Week Faculty Development Programme on “Recent advances in mechanical engineering” organised by KHIT, Guntur on 20th May, 2020.
- v. Dr.B.Raghu Kumar has delivered a Keynote Lecture on “Condition Monitoring” for One Week Faculty Development Programme on “Frontiers in Mechanical Engineering” at KKR & KSR Institute of Technology and Sciences, Guntur on 11th June, 2020.
- vi. Dr.B.Raghu Kumar received certificate of Appreciation for delivering an Expert Talk on “Outcome Based Education” organized by Department of Mechanical Engineering, NRI Institute of Technology, Agiripalli, Vijayawada on 21st June, 2020.

5. Industrial Visits:

- i. III-B.Tech II semester (section-1&2) of Mechanical Engineering students Visited at Jk tyres industry, Radio astronomy(industrial tour) from 04.01.2020 to 10.01.2020.
- ii. II-B.Tech II semester (section-1&2) of Mechanical Engineering students Visited Vizag Steel Plant from 02.01.2020 to 04.01.2020.
- iii. II-B.tech II semester (section-I) of Mechanical Engineering students Visited Harsha Liners Private Limited on 10.03.2020.
- iv. II-B.tech II semester (section-II) of Mechanical Engineering students Visited Harsha Liners Private Limited on 07.03.2020.



6. Students selected for GATE/IELTS/GRE/TOEFL and other competitive Examinations:

-Nil-

7. MOUs Signed: Nil

8. Students' achievements:

a) Literary and Cultural Activities/Academic awards:

-Nil-

b) Presentation/Participation in Seminars/Conferences/Workshops:

- i. P.Mahesh of III B.Tech has participated in the Event Jet Rockets as a part of your Fest, A Two Day National Level Techno Cultural Symposium and **won Ist Prize** on 03rd January, 2020 at Usha Rama College of Engineering and Technology.
- ii. P.Hemanth of III B.Tech has participated in the Event Jet Rockets as a part of your Fest, A Two Day National Level Techno Cultural Symposium and **won 2nd Prize** on 03rd January, 2020 at Usha Rama College of Engineering and Technology.
- iii. V. Sai Madhav of III B.Tech has participated in the Event Technical Paper Presentation and presented a paper on “TGA and DSC Analysis of Vinyl Ester Reinforced by Vetiveria Zizanioides, Jute and Glass Fiber” and **won Ist Prize** at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- iv. A.Charan Teja of II B.Tech has participated in the Event CAD Contest and **won Ist Prize** at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- v. B. Manish Chandra, K V P T Jagannadha Rao of III B.Tech has participated in the Event CAD Contest and **won 2nd Prize** at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- vi. G.V.R.D.Eswar, A.Sukuar, K.Joseph, Md.Akbar Basha of II B.Tech has participated in the Event Contraption and **won Ist Prize** at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- vii. P.V.S.Sunil Bhattar, P.Nagendra Reddy, T.Venkata Sai, M.Naveen Chand of III B.Tech has participated in the Event Contraption and **won 2nd Prize** at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- viii. N.Venkateswara Rao, K.Tharun Kumar, B.Sai Kiran Naik of IV & II B.Tech has participated in the Event Technical Quiz and **won Ist Prize** at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- ix. B.Manish Chandra, D.Lokeshwar, J.Hema Krishna Kumar of III B.Tech has participated in the Event Technical Quiz and **won 2nd Prize** at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.

- x. N.Venkateswara Rao of IV B.Tech has participated and presented a paper entitled “Solar Powered Ultraviolet(UV)Water Purification” in two day “National Conference on Recent Advances in Mechanical Engineering (NCRAME – 2020)” organized by P.V.P.S.I.T, Department of Mechanical Engineering from 26th – 27th June,2020.
- xi. N.Someswara Rao of IV B.Tech has participated and presented a paper entitled “Design and Manufacture of Thermoplastic Hubnut” in two day “National Conference on Recent Advances in Mechanical Engineering (NCRAME – 2020)” organized by P.V.P.S.I.T, Department of Mechanical Engineering from 26th – 27th June,2020.
- xii. A total of 53 students of I B.Tech& II B.Tech have participated and secured certificates in the online quiz on “C Programming Basics” conducted by ISTE Chapter, at P.V.P.Siddhartha Institute of Technology.

9: Others, if any:

Sponsored R&D and Consultancy Activities: Nil

10. Alumni information:

1. Name: L. Rajyalakshimi, Roll No: 15501A0348
Company: Siricity Tada, Chennai
Role: Team Leader in FOXCON
Interaction With: III B.Tech II sem Sec-1 (29.01.2020)
Topic : Carrier orientation talk (opportunities in core branches)
Email: lankrayjalakshmi98@gmail.com, Mobile: 9440387264/9493608639



11. Placements and Higher Education:

Placements:

- i. 8 number of Mechanical Engineering students of IV B.Tech II semester placed in **Aliens Groups** campus placement drive held on 06.01.2020. The names of students are Mr. Kondaveeti Kalyan, Mr. Mangam Satish, Mr. Nanda Someswara Rao, Mr. Nukala Venkateswara Rao, Mr. Rajampalli Sai Srisdhar, Mr. Veerla Sai Harsha Vardhan, Mr. Katta Hemanth Sai, Mr. Syed Vali Babu.
- ii. 15 number of Mechanical Engineering students of IV B.Tech II semester Placed in **Onegene** campus placement drive on 10.01.2020. The names of students are Mr. A Mani Manoj Chowdary, Mr. Bijjam Chetan Siva, Mr. Bolem Kalyan Babu, Mr. Gudise Venkata Nagarjuna, Mr. Mamidi Durga Vinay, Mr. Mangam Satish, Mr. Nanda Someswara Rao,

Mr. Nukala Venkateswara Rao, Ms. Nunna Harshini, Mr. Ongole Gladson, Mr. Pulivarthi Harish Babu, Mr. Damarla Chandra Sekhar, Mr. Katta Hemanth Sai, Mr. Syed Vali Babu, Mr. Shaik Juber.

- iii. 3 number of Mechanical Engineering students of IV B.Tech II semester placed in **Ceasefire** campus placement drive on 23.01.2020. The names of students are Mr. K Gopi Krishna, Mr. R Dyaneeswar, Mr. T T Naga Venkata Phani Kumar.
- iv. 5 number of Mechanical Engineering students of IV B.Tech II semester placed in **Dhanush Engineering Services** placement drive on 28.01.2020. The names of students are Mr. Dulla Tarun, Mr. Kokku Jagadish, Mr. Mukku Avinash Reddy, Mr. Narahari Venkatesh, Ms. Nunna Harshini.
- v. 25 number of Mechanical Engineering students of IV B.Tech II semester placed in **LS LUMAX CHENNAI** placement drive on 26.02.2020. The names of students are Mr. Anumureddy Hari Krishna, Mr. Ayinapuri Balaramakrishna, Mr. Bhanu Akhil Chepuri, Mr. Chagantipati Sumanth, Mr. Gopalam Jagadeesh, Mr. Kaipu Tarun Brahmareddy, Mr. Kalavakuri Venkata Sai Kashyap, Mr. Mohammad Saif, Mr. Sangoju Geetha Satya Sai, Ms. Tiruveedula Vijaya Lakshmi, Mr. V R S S Sumanth, Ms. Veerla Yamini, Mr. Venigalla Sailesh, Mr. Boddu Narendra, Mr. Jaddu Siva Venkata Nagaraju, Mr. Kappagantu N V Sita Ramanjaneyulu, Mr. Katta Anand, Mr. Koutarapu Pavan Kumar, Mr. Marella Avinash, Mr. Nagothi Dinesh, Mr. Satyavada Durga Rao, Mr. Shaik Nagoor Sharif, Mr. T Midhun Naga Chakravarthy, Mr. V Sreemannarayana Murthy, Mr. Yadla Praveen Kumar

Higher Education:

- i. Alokam. Chandradeep (15501A0305) joined Masters in Industrial Engineering in The University of Texas at Arlington.
- ii. Dandlamudi Vasista Sai (15501A0321) joined MSc Mechanical engineering with Professional placement in Kingston University, London.

12. New Facilities Created: Nil

13. Co-Curricular Activities:

- i. M.Devi Prasad, Md.Fazurulla of II B.Tech has participated in the Event Cross Word Puzzle as a part of your Fest, A Two Day National Level Techno Cultural Symposium on 03rd January, 2020 at Usha Rama College of Engineering and Technology.
- ii. M.Vamsi Kumar, N.Sai Santosh, N.Pavan of II B.Tech has participated in the Event Smart Alec as a part of your Fest, A Two Day National Level Techno Cultural Symposium on 03rd January, 2020 at Usha Rama College of Engineering and Technology.
- iii. N. Venkateswara Rao of IV B.Tech has participated in the event Technical Paper Presentation and presented a paper on “CRYO CAR - Liquid Nitrogen Vehicle” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- iv. S. Siva Hemanth of III B.Tech has participated in the event Technical Paper Presentation and presented a paper on “Abrasive Water Jet Machining” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.

- v. Mohammad Salman of III B.Tech has participated in the event Technical Paper Presentation and presented a paper on “In Wheel Motors” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- vi. G. Poorna Chandra Rao, M. Musharaf Abbas of II B.Tech has participated in the event Technical Paper Presentation and presented a paper on “Artificial Intelligence” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- vii. A. Sukumar, B. Sai Teja of II B.Tech has participated in the event Technical Paper Presentation and presented a paper on “Inspace Cryo - Depot” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- viii. S. Naga Kumar of II B.Tech has participated in the event Technical Paper Presentation and presented a paper on “Alternate Sources of Energy - Latest Developments” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- ix. Sd. Shabbeer Basha of II B.Tech has participated in the event Technical Paper Presentation and presented a paper on “Nano Technology in Ancient India” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- x. Ch. Joseph V V Roy, Mohammad Akbar Basha of II B.Tech has participated in the event Technical Paper Presentation and presented a paper on “Duke Engines” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- xi. 51 students of Mechanical Engineering who participated in the Event “CAD Contest” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- xii. 14 students of Mechanical Engineering who participated in the Event “Contraption” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- xiii. 6 batches of students of Mechanical Engineering who participated in the Event “Project Expo” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- xiv. 38 students of Mechanical Engineering who participated in the Event “Technicak Quiz” at SITAR 2K20, A National Level Techno - Cultural Fest on 25th January, 2020 at PVP Siddhartha Institute of Technology, Vijayawada.
- xv. K. Joseph of II B.Tech has participated in Wax Mockup event and **won 2nd Prize** in TECHZITE’20, A National Level Techno Management Fest at Rajiv Gandhi University of Knowledge Technologies, Nuzvid from 14th -16th February, 2020.
- xvi. G.V.R.D.Eswar of II B.Tech has participated in Mexanizm event and **won 2nd Prize** in TECHZITE’20, A National Level Techno Management Fest at Rajiv Gandhi University of Knowledge Technologies, Nuzvid from 14th -16th February, 2020.

- xvii. G.Dinakara Sai of III B.Tech has participated in the event Essay Writing & General Quiz during Vignan Mahaotsav-2020 at Vignan's Foundation for Science, Technology& Research (Deemed to be University) from 31st January - 1st Feb, 2020.
- xviii. G.Raju of III B.Tech has participated in the event Technical Quiz during Vignan Mahaotsav-2020 at Vignan's Foundation for Science, Technology& Research (Deemed to be University) from 31st January - 1st Feb, 2020.
- xix. Md.Salman of III B.Tech has participated in National Seminar on "Role of 3D Printing in Health Care" at KVSR Siddhartha College of Pharmaceutical Sciences, Vijayawada on 7th February, 2020.
- xx. G.V.R.D.Eswar of II B.Tech has participated in PPT, Sky Wings, Wax Mould events in TECHZITE'20, A National Level Techno Management Fest at Rajiv Gandhi University of Knowledge Technologies, Nuzivid from 14th -16th February, 2020.
- xxi. Sk.Sharif Basha of III B.Tech has participated in Technical Quiz Event in AFOSEC 2020 at V.R.Siddhartha Institute of Technology from 19th -20th February, 2020.
- xxii. R.S.Madhav, R.Gowtham Sai, K.Dileep, G.Rohith, Ch.Vijaya Babu, I.Naveen of II B.Tech has participated in Technical Quiz Event in AFOSEC 2020 at V.R.Siddhartha Institute of Technology from 19th -20th February, 2020.
- xxiii. D.Kiran Sai, Ch.V.S.S.Vivek of II B.Tech has participated in India Quiz Event in AFOSEC 2020 at V.R.Siddhartha Institute of Technology from 19th -20th February, 2020.
- xxiv. P.Abhishek of II B.Tech has participated in Paper Presentation Event in AFOSEC 2020 at V.R.Siddhartha Institute of Technology from 19th -20th February, 2020.
- xxv. R.Sai Kishan, K.Dileep, I.Naveen, B.Avinash Bhargav, A.Hema Manikanta Reddy, A.S.S.N.V.Vikas of II B.Tech has participated in Lathe War Event in AFOSEC 2020 at V.R.Siddhartha Institute of Technology from 19th -20th February, 2020.
- xxvi. G.Rohith, Ch.V.S.S.Vivek of II B.Tech has participated in Screw it Event in AFOSEC 2020 at V.R.Siddhartha Institute of Technology from 19th -20th February, 2020.
- xxvii. G.Poorna Chandra Rao of II B.Tech has participated in the event CAD Manic conducted in SANKETA 2K20 , A National Level Technical Symposium at S.R.K.R Engineering College on 19th & 20th February, 2020.
- xxviii. G.Poorna Chandra Rao of II B.Tech has participated in Paper Presentation Event at MECHMANTRA 2020, A National Level Technical Fest at RVR&JC College of Engineering, Guntur on 27th February, 2020.

14. Coursera Details for the staff

Sl No	Faculty Name	Course Title	Completed/Ongoing Date of Completion
1	Dr.B.Raghu Kumar	Programming for Everybody (Getting Started with Python)	04/26/2020
		Python Data Structures	04/28/2020
		AI For Everyone	05-08-2020
		Applications in Engineering Mechanics	04/29/2020
		Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	05-09-2020
		Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	05-11-2020
		Python Basics	05/27/2020
		Python Functions, Files, and Dictionaries	05/30/2020
		Mechanics of Materials III: Beam Bending	05-12-2020
		Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	05-06-2020
		Introduction to Programming with MATLAB	05-12-2020
		Introduction to Basic Vibrations	05/13/2020
		Introduction to Advanced Vibrations	05/17/2020
		Introduction to Engineering Mechanics	05/22/2020
		Data Collection and Processing with Python	06-06-2020
Python Classes and Inheritance	06/15/2020		
2	Dr.G.Vijay Kumar	Intelligent Machining	Completed
		AI For Everyone	Completed
		3D Printing Applications	Completed
		Digital Manufacturing & Design	Completed
		Advanced Manufacturing Process Analysis	Completed
		The 3D Printing Revolution	Completed
		Design Thinking for the Greater Good: Innovation in the Social Sector	Completed
		Collaborative Robot Safety: Design & Deployment	Completed
3	Mr. U.Koteswara Rao	Everyday Excel, Part 1	Completed
		AI For Everyone	Completed
		Introduction to Advanced Vibrations	Completed

		Fundamentals of Engineering Exam Review	Completed
		Introduction to Basic Vibrations	Completed
		Introduction to Financial Markets	Completed
		Introduction to Thermodynamics: Transferring Energy from Here to There	Completed
		Machine Design Part I	Completed
		Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	Completed
		Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	Completed
		Mechanics of Materials III: Beam Bending	Completed
		Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	Completed
		Particle Dynamics	Completed
		Rigid Body Dynamics	Completed
		Technical Writing	Completed
		Introduction to Programming with MATLAB	ongoing
		Everyday Excel, Part 2	Ongoing
4	Dr. K. Srividya	Electric Power Systems	05-08-2020
		Learning How to Learn: Powerful mental tools to help you master tough subjects	05-10-2020
		Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	05/16/2020
		Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	05/17/2020
		Mechanics of Materials III: Beam Bending	05/18/2020
		Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	05/19/2020
		Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	06/23/2020
		Quantum Mechanics	07/14/2020
5	Dr. P. Phani Prasanthi	Advanced Manufacturing Enterprise	05-06-2020
		Introduction to Basic Vibrations	05/18/2020
		Control of Mobile Robots	05/16/2020
		Cyber Security in Manufacturing	06-03-2020
		Introduction to Engineering Mechanics	05-01-2020
		Energy: The Enterprise	05/17/2020

		Introduction to Indoor Air Quality	05-04-2020
		Intelligent Machining	04/29/2020
		Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	06-04-2020
		Natural Gas	05/17/2020
		Safety in the Utility Industry	05/17/2020
		Introduction to Thermodynamics: Transferring Energy from Here to There	05-08-2020
		Wind Energy	05/13/2020
6	Dr. Sd. Abdul Kalam	Applications in Engineering Mechanics	May
		Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	May
		Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	May
		Mechanics of Materials III: Beam Bending	May
		Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	May
		Introduction to Engineering Mechanics	May
		Introduction to internet of things and Embedded systems	May
7	Dr.K.Ravi Prakash Babu	1) AI for Everyone	Completed
		2) Introduction to Engineering Mechanics	Completed
		3) Applications in Engineering Mechanics	Completed
		4) Mechanics of Materials-I Fundamentals of stress and strain and axial loading	Completed
		5) Mechanics of Materials-II Thin Walled Pressure Vessels and Torsion	Completed
		6) Mechanics of Materials-III: Beam Bending	Completed
		7) Mechanics of Materials-IV: Deflection, Buckling, Combined Loading and Failure theories	Completed
		8) Introduction to Basic Vibrations	Completed
		9) Python for everybody (Getting started with python)	Completed
		10) Python Strings	Completed
		11) Neural networks and deep learning	Completed
8	Mr. G.Bala Krishna	Advanced Manufacturing Process Analysis	July
		Material Behavior	June
		Material Processing	May

		Materials Science: 10 Things Every Engineer Should Know	May
9	Ms.P.Anusha	1) AI for Everyone	Completed
		2)Electric Power systems	Completed
		3) Learning: How to learn: Powerful mental tools to help you master tough subjects	Completed
		4) Mechanics of Materials-II Thin Walled Pressure Vessels and Torsion	Completed
		5) Mechanics of Materials-I Fundamentals of stress and strain and axial loading	Completed
		6) Mechanics of Materials-III: Beam Bending	Completed
		7) Mechanics of Materials-IV: Deflection, Buckling, Combined Loading and Failure theories	Completed
		8)Introduction to Engineering Mechanics	Completed
		9)Quantum Mechanics-JULY course	Completed
		1)Write Professional Emails in English	ongoing
		2)Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	ongoing
		3)Time Value of Money	ongoing
		10	Ms. M.Rajya Lakshmi
Design Thinking for the Greater Good: Innovation in the Social Sector	05-11-2020		
Getting Started with Essay Writing	06/18/2020		
Everyday Parenting: The ABCs of Child Rearing	06/20/2020		
Everyday Excel, Part 1	07/25/2020		
Grammar and Punctuation	05/26/2020		
A Life of Happiness and Fulfillment	06/18/2020		
Get Organized: How to be a Together Teacher	06/30/2020		
Learning How to Learn: Powerful mental tools to help you master tough subjects	05/14/2020		
Finding Purpose and Meaning In Life: Living for What Matters Most	05/29/2020		
How to Write and Publish a Scientific Paper (Project-Centered Course)	05/26/2020		
The Science of Success: What Researchers Know that You Should Know	06/24/2020		
Work Smarter, Not Harder: Time Management for Personal & Professional Productivity	06-05-2020		
11	Dr. M. Naga	1)Write Professional Emails in English	ongoing

	Swapna Sri	2)Introduction to Mechanical Engineering Design and Manufacturing with Fusion 360	ongoing
		3)Time value of Money	ongoing
12	Mr.K.Venkata Rao	Statistical Molecular Thermodynamics	09-06-2020
		Applications in Engineering Mechanics	01-06-2020
		Design Thinking for the Greater good innovation in the social sector	01-06-2020
		Introduction to Engineering Mechanics	19-05-2020
		Mechanics of materials-IV	19-05-2020
		Mechanics of Materials -III	16-05-2020
		AI for Every one	15-05-2020
		How to write and publish a scientific paper	15-05-2020
		Introduction to vibrations	15-05-2020
		Mechanics of Materials-II	14-05-2020
		Mechanics of Materials -I	13-05-2020
		Introduction to calculus	Ongoing
13	Mr. Ch. Lakshmikanth	Introduction to programming with MATLAB	13-07-2020
		Applications in Engineering Mechanics	01-06-2020
		Design Thinking for the Greater good innovation in the social sector	27-05-2020
		Introduction to advanced Vibrations	25-05-2020
		Mechanics of materials-IV	19-05-2020
		Introduction to Engineering Mechanics	18-05-2020
		Mechanics of Materials -III	16-05-2020
		AI for Every one	15-05-2020
		Introduction to vibrations	15-05-2020
		Mechanics of Materials-II	14-05-2020
		Mechanics of Materials -I	13-05-2020
		Introduction to ordinary Differential Equations	Ongoing
Introduction to calculus	Ongoing		
14	Mr. P.Mastan Rao	AI For Everyone	02-06-2020
		Introduction to Thermodynamics: Transferring Energy from Here to There	05-06-2020
		Introduction to Basic Vibrations	05-06-2020

		Mastering Statics	05-06-2020
		Statistical Molecular Thermodynamics	09-06-2020
15	Mr. Ch. Mohan Sumanth	The Science of Well-Being	05/16/2020
		Safety in the Utility Industry	05/22/2020
		Natural Gas	05/22/2020
		Materials Science: 10 Things Every Engineer Should Know	05/15/2020
		Introduction to Basic Vibrations	05/17/2020
		Intro to Digital Manufacturing with Autodesk Fusion 360	05/15/2020
		Air Pollution – a Global Threat to our Health	05/18/2020
		Financial Markets	05/15/2020
		Electric Power Systems	05/22/2020
		Digital Manufacturing & Design	05/18/2020
		AI For Everyone	05/15/2020
16	Ms. Ch. Vidya	Design Thinking for the Greater Good: Innovation in the Social Sector	05/30/2020
		The Science of Success: What Researchers Know that You Should Know	06-09-2020
		Introduction to Thermodynamics: Transferring Energy from Here to There	05/29/2020
		Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	05/18/2020
		Introduction to Engineering Mechanics	05/16/2020
		Verb Tenses and Passives	05-12-2020
		Grammar and Punctuation	05-05-2020
		Design Thinking for Innovation	Ongoing
		Converting challenges into Pportunities	Ongoing
17	Mr. M.Somaiah Chowdary	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	Completed
		Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	Completed
		Introduction to the Internet of Things and Embedded Systems	Completed
		Advanced Manufacturing Enterprise	Completed
		Grammar and Punctuation	Completed
		How to Write and Publish a Scientific Paper (Project-Centered Course)	Ongoing

		Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Prep	Ongoing
18	Mr.T.J.Prasanna Kumar	1) AI for Everyone	Completed
		2) Introduction to Thermodynamics: Transferring Energy from here to there	Completed
		3) Introduction to Basic Vibrations	Completed
		4) Mechanics of Materials-II Thin Walled Pressure Vessels and Torsion	Completed
		5) Mechanics of Materials-I Fundamentals of stress and strain and axial loading	Completed
		6) Mechanics of Materials-III: Beam Bending	Completed
		7) Mechanics of Materials-IV: Deflection, Buckling, Combined Loading and Failure theories	Completed
		8) Introduction to Engineering Mechanics	Completed
		9) Wind Energy	Completed
		10) Design Thinking For Innovation	Completed
		11) Statistical Molecular Thermodynamics	Completed
		1) Assessment in Higher Education: Professional Development for Teachers	Ongoing
		2) Applications in Engineering Mechanics	Ongoing
		3) Nano Technology and Nano Sensors, Part-1	Ongoing
19	Mr.K.Ismail	Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	06-08-2020
		AI For Everyone	05/16/2020
		Mastering Statics	06-08-2020
		Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	06-04-2020
		Mechanics of Materials III: Beam Bending	06-04-2020
		Introduction to Basic Vibrations	06-04-2020
		Experimentation for Improvement	05-11-2020
		Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	06-04-2020
20	Mr.J.Surendra	Introduction to Psychology	02-05-2020
		Write Professional Emails in English	05-05-2020
		AI For Everyone	15-05-2020
		Effective Problem-Solving and Decision-Making	16-05-2020
		Introduction to Thermodynamics	03-06-2020

15. Coursera Details for the students

Year	Total No.of Subjects enrolled by registered students	Completed	Ongoing
II Year	290	172	118
III Year	222	133	89
