VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD

Autonomous institute Affiliated to JNTUH

V-TIMES, The College Newsletter

October 2019



October 02, 2019: ME students won the first prize for their project "Fuel from Plastic Waste" in IDEATHON, Telangana edition organised at IITH. Over 300 teams participated in the competition. The Project was developed under EPICS Program under the mentorship of Mr. A. Sheshappa, Assistant Professor of ME.





December 17, 2019: A Guest Lecture on "5G& INDUSTRIAL AUTOMATION" was organized by the department of Mechanical Engineering. The resource person is Mr. Sandeep Arora, Associate Director, and Verizon India



December 18, 2019Mr.N Srinivasa Reddy, NSS programming officer attended ISKCON, Kukatpally, at JNTUH, gifted to governor Jute Bags on this occasion.



December 30, 2019Students of 2nd, 3rd and 4th of mechanical Engineering are participating in SAE Tier –I Events(welding)



January 02, 2020: Students of 2nd, 3rd and 4th of mechanical Engineering are participating in SAE Tier –I Events number: 42, Design of parts and Assembly.



January 07, 2020: Students of third Mechanical Engineering are visiting Mahindra, zahirabad with faculty coordinators Mr.Dhanaraj and Dr Ashok kumar.



January 10, 2020: Student of second Mechanical Engineering , Mr.Mohammad Zunaid, Mr.Mohammad Rahil Azeez, secured Ist prize Startup Hackathon, Vardhaman College of Engineering.



January 11, 2020Students of 2nd, 3rd and 4th of mechanical Engineering are participating in SAE Tier –I event Poster Presentation.

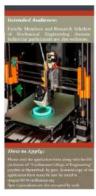


January 20, 2020: An Extension lecture on composites Yesterday by MK Patra, Retd. Scientist, DRDO, Hyderabad, by Mechanical Engineering Department.



SAE India Student chapter has started with club Id SAEICCSIS201 for academic year 2019-20.









January 27, 2020: A One week FDP on "ADVANCES IN MECHANICALENGINEERING TECHNOLOGY" was organised in Mechanical Engineering Department during dates 27 January to 1st February.

February



February 13, 2020: Mr M.SAI JOHITH (19885A0309)G.NARESH- 19885A0304N.LIKHITH- 19885A0307 has secured second prize in SAE TIER-II in MVSR Engineering College.



February 13, 2020: B Tejaswi,K Ramya and R ujwal has secured second prize in the event of CFD analysis, SAE Tier-II in MVSR Engineering College.

February 13, 2020: Nikil Rathi, Vamshi Krishna and ravi tejahas secured First prize in the event of entrepreneurship, SAE Tier-II in MVSR Engineering College.



February 20, 2020: Students of Third year Mechanical engineering student has visited Kaleswaram project with Coordinators Mr. B dhanaraj ,Mr.K Rajasekhar Reddy ,Mrs. K Manikumari and Mrs.U.Pranavi.

March 20, 2020



March 6-7, 2020: Mr K Sairam, Assistant professor achieved First prize in presenting paper

JULY 2020

July 6, 2020: Dr.P.Srinivasa Rao, HOD and Professor of Mechanical Engineering Department was invited as Resource Person for "FDP for Engineers Faculty/Student" during 6th to 11th of July 2020, Organized by Chouksey Engineering College, Bilaspur, C.G.

July 9, 2020: Dr.M.Vishnu Vardhan, Associate Professor, Mechanical Engineering Department has Published in Taylor & Francis with Title "Optimization of process parameters in CNC milling of P20 steel by cryo-treated tungsten carbide tools using NSGA-III", Vol8,No1, 1-22.



ARTICLE



Optimization of process parameters in CNC milling of P20 steel by cryo-treated tungsten carbide tools using NSGA-II

Vishnu Vardhan Mukkoti 63, Chinmaya Prasad Mohantyb, Sankaraiah Gandlac, Pallab Sarkara, Srinivasa Rao Pa and Dhanraj Ba

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ABSTRACT

This article proposes an extensive experimental and microstructural analysis to study the consequences of deep cryogenic treatment (DCT) soaking duration on tungsten carbide end mill cutter on the machinability of P20 mold steel. A Box-Behnken design of response surface methodology (RSM) is utilized to collect data for the study

KEYWORDS

Deep Cryogenic Treatment; Soaking Duration; NSGA-II; Regression Analysis; Microstructural Analysis; P20

July 9, 2020: Dr.M. Vishnu Vardhan, Associate Professor, Mechanical Engineering Department, recongnized as Reviewer for Elsevier Journal.



August 19, 2020: Dr. M Vishnuvardhan has published a patent "An Ergonomic Fans" Bed with Builtin Exhaust with Application Number 332159-001, CBR Number:14683 in Intellectual Property India Patent.



August 27-28, 2020: The department of mechanical Engineering has organized "The 3rd International Congress on Advances in Mechanical Sciences"



The Third International Congress on Advances in Mechanical Sciences was successfully conducted in virtual mode from 27thto 28th August 2020. The delegates from all over the India have participated in the conference. The conference has provided an opportunity for researchers, academicians, industry people and

students to share their knowledge and discussed the latest developments in their field of expertise. This conference provided a platform for the young researchers to interact with eminent scientists and researchers across the globe. In this conference an equal opportunity was provided to all the participants to share their ideas in the area of mechanical engineering along with interdisciplinary domains.

Around 100 delegates have participated in the conference and included2 keynote speakers, 15 session chairs from the different eminent organizations and 65 participants from the different Institutes, Industries and R & D organizations marked the success of the international conference. The two-day conference comprised 15 plenary sessions. Each presenter was given 10 minutes for presentation, followed by 5 minutes for questions.

The papers received were from different premier Institutes like NIT's and premier State Government Universities etc., Deemed Universities (GLA University Madura, Gitam University and Hindustan University etc.), R & D Organizations (DRDO and ISRO etc.) and Industries (John Deere India Pvt Ltd. etc.). The conference covered all the domains of mechanical engineering. Apart from that it also covered multidisciplinary areas like Structural Dynamics, AI, Optimization etc.

All the accepted 70 papers were published in IOP: Materials Science Engineering Proceedings (Scopus indexed) during third week of December 2020 and is available online.

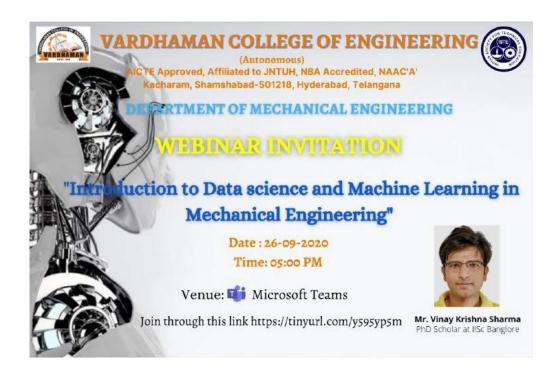
25 September 2020: The department of ME has conducted a Webinar on "Future Insights Of Mech/Aero Domain" for II and III year ME students and the speaker was Mr.Rakesh shete, Aero career coach.



September 09, 2020: Students Mr. Mohd. Junaid Moulana, Mr. Yash Rathod and Mr. Md Feroz of Ill-year Mechanical Engineering secured First prize in "Getting Started with Entrepreneurship - 6 Hours Hackathon" Conducted by Centre for Innovation and Entrepreneurship, Vardhaman College of Engineering.



25 September 2020: The department of ME has conducted a Webinar on "Introduction to Data Science and Machine Learning in Mechanical Engineering" for II and III year ME students and the speaker was Mr. Vinay Krishna Sharma Ph.D scholar at IISC Banglore.



October 5-9, 2020: The department of Mechanical Engineering, organized One week AICTE Training and Learning (ATAL) Academy Sponsored Online Faculty Development Program on "Quantum Computing & Quantum Algorithm for CFD". 69 participants from across India have attended. The resource persons were Dr. Jaikumar Radhakrishnan, Fundamental Research, Dr Ashok Vudayagiri, University Institute of Hyderabad, Dr. DebaJyoti Bera,IIIT Delhi, Dr. Kiran Kumar Amireddy, Saint-Gobain Private India Limited (R&D), Dr. Rene Steijl, Aerospace Sciences, University Glasgow, UK, Mrs. Maniu Annie Oommen, Quantum Computing Enthusiast & Spokesperson, Tharrmashastha S P V,IIIT Delhi and Dr. P. Srinivasa Rao, Vardhaman College of Engineering, Hyderabad

IMPORTANT INFORMATION TO THE

- cuity development programme is KT based consored by ACTE training and (coming (ATAL) codemy, will be conducted online. articipants should have relevant Online Gadget
- Computer /Mobile phone with adequate
- ustry pertaining to the relevant discipline. Expants will be admixted on first-come first-ed, basis limited to 40 only.
- through whatsAgo Group.
 Those who Score more than 60% in the test will be issued E-Certificate by ATAL Academy.

Important Dates

Last Date for Registration 30" September 2020

For Queries Contact

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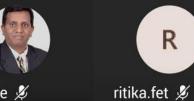
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Quantum Computing

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bout Vardhaman College of Engineering

bout the Department of Mechanical

ONLINE DELIVERY

Quantum algorithm for CFD October 05-09, 2020

Online Platform via Microsoft Teams Live. The link will be shared to your registered

CERTIFICATES

According to the procedure E-Certificates will be issued to participants by the AICTE

RESOURCE PERSONS

- Dr. P. Srinkrasa Rass Vantumer Editor of Engineering Hydrodisc



Jayanta Pal (G... 🔏



Dr.MUKUL SHRIV...



DEEPAK KOLAR

