

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

(Affiliated to Anna University, Accredited by NAAC with 'A' Grade & Accredited by NBA)



DEPARTMENT OF MECHANICAL ENGINEERING

“VCET-MECHMERIZE”

NEWSLETTER - EVEN SEMESTER 2019-20

Volume: 5 Issue: 2

MESSAGE FROM THE SECRETARY

I am happy to inform that the Department of Mechanical Engineering of Velalar College of Engineering and Technology is publishing their Department News Letter for the Even Semester 2019-20. I commend and appreciate the efforts taken by the staff and students to enhance the quality of academics in the college. Our Institution has the credentials and proven the strengths to initiate such an indispensable academic activity.

- S. D. CHANDRASEKAR



MESSAGE FROM THE PRINCIPAL

It's my pleasure to congratulate the Department of Mechanical Engineering on the pleasant occasion of releasing the newsletter 'VCET MECHMERIZE' for Even Semester 2019-20'. It is great to find a considerable number of winners and participants in co-curricular and extracurricular activities which certainly prove that our faculty members and students are adequately equipped and possess necessary skill-sets to bring such laurels to the institution and to the department. I wish this number to grow in the years to come. I wish them all the very best for future endeavors.

-Dr. M. JAYARAMAN



MESSAGE FROM THE HEAD OF THE DEPARTMENT



It is a great opportunity to present the Second issue of 'VCET MECHMERIZE 2019-20'. This year was full of various activities by the students and faculty members in academic, co-curricular and extra-curricular activities, as well as research & development activities by the faculty members. As you read through the pages you will realize, that the Department had a successful year and we succeeded in organizing various events this year. I would like to thank all my colleagues and young minds for their tireless efforts to help the department progress at a very steady pace.

- Dr. R. KUMARAVELAN

TNSCST sponsored- National level seminar

TNSCST sponsored, One-day National level seminar on 'Artificial Intelligence Techniques and their Applications in Design and Manufacturing' was organized on 21.12.2019. Mr.C.Vengudupathy, Senior Project Manager, Robert Bosch Engineering and Business Solutions (P) Ltd, Bengaluru was the chief guest. He inaugurated the function and delivered the keynote lecture on Applications of AI in Manufacturing System. Dr.B.Meenakshipriya, Associate Professor, Department of Mechatronics Engineering, Kongu Engineering College, Perundurai delivered a lecture on Robotics in Digital Manufacturing Applications. Dr.K.R.Ananth, Professor, Department of Master of Computer Applications, Velalar College of Engineering and Technology, Thindal delivered a lecture on the Artificial Intelligence and their Implementation.



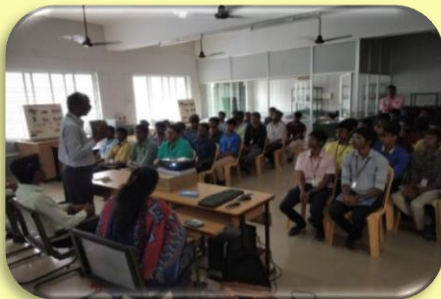


Guest Lecture

Organized a guest lecture on the topic 'Mastering Product Design' on 04.01.2020. Mr. Syed Moiz, Managing Partner, Pioneer Design & Engineering Pvt Ltd, Chennai delivered the techniques and procedure to be followed in engineering product design.

SAE Lecture Meeting

Organized a lecture meeting on the topic 'Energy Conservation Management' on 25.01.2020. Mr. THI. Jayanthikumar and Mr. K. Thangaraj, External Faculty/Southern Region, Petroleum Conservation Research Association, Chennai delivered a lecture on the energy sources available, their conservation management and its recent technologies.



MoU Extension Activity on AutoCAD Software

As a part of curriculum enrichment, workshop was organized on 'Introduction to AUTOCAD Software' on 08.02.2020 & 10.02.2020 for the first year students. Trainers from the CADD Centre, Erode gave training on AUTOCAD software to the students.

Mech Zeal Symposium'20

A National level Technical Symposium was organized on 22.02.2020. Various technical events were organized on this symposium. Mr. K.G. Thirugnanana Suvami, Deputy Manager, High Pressure Boiler Plant, BHEL, Trichy was the Chief guest. Students from various institutions had actively participated in various events like Paper presentation, Quiz, Aqua Rocketry, Junk Yard & CAD Modeling and empower their talents in their respective fields.



SAE Tier-II Events

SAE INDIA VCET COLLEGIATE CLUB organized ISS STUDENT CONVENTION Tier-II events on 29.02.2020 for the mechanical engineering students all over the Erode division. Dr. P. Navaneethakrishnan, Chairman and Dr. M. Easwaramoorthi, Secretary, SAEINDIA Southern Section, Erode Division inaugurated the function as the chief guest. Various technical events were conducted on this program. Students had actively participated in various events like Paper presentation, Auto Quiz, Welding, Machining, Mobile Robotics, Business Plan, Material Identification and empower their talents in their respective fields.



STUDENTS ACHIEVEMENTS

Academic Toppers (A Section) – Odd Semester 2019-20

(2016-2020) Batch – Final Year

(2017-2021) Batch – Third Year

(2018-2022) Batch – Second Year



JAGATHESWARAN V
9.40 CGPA



JAWAHARBABU R
9.15 CGPA



MOHANRAJA A
9.62 CGPA



KAVISANKAR P
9.37 CGPA



ANIRRU DH SHRINATH S
9.78 CGPA



BARANIKA SRI R
9.75 CGPA

Academic Toppers (B Section)– Odd Semester 2019-20

(2016-2020) Batch – Final Year

(2017-2021) Batch – Third Year

(2018-2022) Batch – Second Year



RANJITHKUMAR K
9.37 CGPA



VIGNESH R
9.25 CGPA



RAJA ISHWARIYA S
9.21 CGPA



KAMALI R
9.02 CGPA



SAMUEL D
9.69 CGPA



SARAVANAN R
9.63 CGPA

CO / EXTRA- CURRICULAR ACTIVITIES

(i) Participation in various events

- SAE southern section conducted a National level aero design challenge 2020 which held at Bannari Amman Institute of Technology. All over the India around 140 teams participated in the event. Proudly to say VCET is also one of the participant and secured 16th place. TEAM AEROSAPIENS



- International level project event participated by third year students in ASME as 'Human Powered Vehicle Challenge Asia Pacific 2020' 28.02.2020 to 01.03.2020.



(ii) Academic Results

Odd Semester 2019-20	
Year	Pass Percentage
Final	77.89
Third	86.99
Second	95.86
Total	86.91

PLACEMENT STATISTICS

<i>No. of Students Interested</i>	<i>No. of Students Placed</i>	<i>Dual Placements</i>	<i>Placement %</i>
96 / 121	96 / 96	7	100

<i>Name of the Company</i>	<i>No. of Students Placed</i>
Accenta Education / Amphenol	3
Accenta Education / Nirmity Precision	2
Amphenol	8
CTS	3
Nirmity Precision	22
Focus Edumatic / Nirmity Precision	1
TCS	3
Woosu Automotive	27
YSI Automotive	26
Zifo Rnd Solutions / YSI Automotive	1

FACULTY ACHIEVEMENTS

(i) Publications in International Journals

- R.Prakash and Dr.R.Kumaravelan, "Calorimetric Investigation of Magnesium Nitrate Hexahydrate and Sodium Thiosulphate Pentahydrate as Salt Mixture Encapsulated Materials for Thermal Energy Storage", Thermal Science, ISSN 0354-9836, Volume-24, Issue-1B, Page 613-621, February 2020.

(ii) NPTEL Online Courses

- A.T.Navinprasad, successfully completed the NPTEL Online Course on 'Selection of Nano-materials for Energy Harvesting and Storage Application' during Sep-Nov 2019.



Snapshots of models created by our students during our Symposium- MechZeal'20



Editor in Chief: Dr. R. Kumaravelan, Prof. & Head

Associate Editor: Mr. R. Prakash, AP(Sr.Gr) /Mech.