

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 - 2018-19

Volume: 4 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 2018-19. 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 2018-19'. 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 2018-19". 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

Guest Lecture

TNSCST sponsored, One-day National level seminar on 'Flow Behavior and Texture Evolution of a Lamellar Copper-Silver Composite' was organized on 29.12.2018. Chief guest Dr.K.Ponappa, Associate Professor/Mech, Kongu Engineering College, Erode inaugurated the function and delivered the keynote lecture on Manufacturing of Lamellar Copper-Silver Composite. Dr.T.Ramesh Kumar, Associate Professor/Mech, Bannari Amman Institute of Technology, Sathyamangalam delivered a lecture on Flow behavior and texture evolution of a Lamellar Copper-Silver composite and Dr. M.Govindaraju, Assistant Professor/Mech, Amrita School of Engineering, Coimbatore delivered a lecture on the applications and future scope of Lamellar Copper-Silver composite.





Career Guidance and Motivational Training

Organized a motivational training program on 28-31, Dec 2018 and 09-11, Jan 2019 to the third year students. Resource person Mr. P.Anjesh Kumar, Communication and Soft Skill Specialist, Brainwave, Coimbatore trained the students for Placement and Soft skills development. He motivated the students for their career growth and trained the students on improving communication skills.

Special Lecture by Alumni (2014-18 Batch)

An Interaction session on 'Motivation and Personality Development' was organized on 25.01.2019. Mr.K.S.Prince, Junior Assistant (Design), Milekal Engineering, Coimbatore was the resource person, who was our renowned alumni of 2014-18 batch.



FOSSEE Workshop

In association with the Quality Improvement Cell, FOSSEE Club organized a workshop on 'SciLab Software' on 08.01.2019 & 'Libre Office Software' on 28.01.2019. Mr.A.Manojkumar, Assistant Professor/Mech explained about how to use the open source softwares in project report preparations and calculations.

CAD Workshop

As a part of curriculum enrichment, workshop was organized on 'Introduction to AUTOCAD Software' on 28.01.2019 & 29.01.2019 for the first year students. Trainers from the CADD Centre, Erode gave training on AUTOCAD software to the students.



Mech Zeal Symposium'19

A National level Technical Symposium was organized on 16.02.2019. Various technical events were organized on this symposium. Mr.D.Gopalakrishnan, Territory Sales Manager-SCV & LCV, Tata Motors Finance Ltd., Madurai 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.

Workshop on GD&T

A one-day hands on workshop on "Manufacturing Technology-GD&T" was organized on 27.02.2019. Mr.S.Senniappan B.E., CEO-Mech Tech Engg Centre, Coimbatore was the resource person. He explained the importance of geometric dimensioning and tolerancing to the third year students.



SAE Guest Lecture

SAE INDIA VCET COLLEGIATE CLUB organized a guest lecture meeting on 'Mobility Solutions for Future' on 16.03.2019. The guest speaker Mr. Pradeep Chandrasekaran, General Manager, R&D, Force Motors Limited, Pune MC, SAEISS delivered the keynote lecture on technologies and trends of future mobility.

Fame Valedictory

The valedictory function of Fabulous Association of Mechanical Engineers (FAME) was conducted on 22.03.2019 and the achievers are appreciated with certificates.

STUDENTS ACHIEVEMENTS

Academic Toppers (A Section) – Odd Semester 2018-19

(2015-2019) Batch – Final Year

(2016-2020) Batch – Third Year

(2017-2021) Batch – Second Year



AJITHKUMARAN K S
7.64 CGPA

LOGESWARAN R
7.50 CGPA

JAGATHESWARAN V
9.39 CGPA

JAWAHARBABU R
9.15 CGPA

KAVISANKAR P
9.32 CGPA

MOHANRAJA A
9.54 CGPA

Academic Toppers (B Section) – Odd Semester 2018-19

(2015-2019) Batch – Final Year

(2016-2020) Batch – Third Year

(2017-2021) Batch – Second Year



PIREYANKA T V
8.07 CGPA

NAVASELVIYA M
7.82 CGPA

RANJITHKUMAR K
9.37 CGPA

VIGNESH R
9.20 CGPA

RAJA ISHWARIYA S
9.22 CGPA

KAMALI R
9.08 CGPA

CO / EXTRA- CURRICULAR ACTIVITIES

(i) Participation in various events

Events	Participated	Prizes won
Paper Presentation	8	1
CAD Modeling	4	3
Technical Quiz	4	3
Other events	13	11
Seminar	5	-
Workshop	21	-
Total	55	18

(ii) Industrial Visits

- Students underwent Industrial visit to the TVS Motors Hosur.

(iii) In-Plant Training

- 56 students of IV, III & II year underwent industrial training during Dec'17-Jan'18 at leading industries including TNPL Karur, JSW Steel Company, Star Woods and Carvings, Sellas Agro Industries, TAFE Renault Nissan Service Centre., Royal Enfield Service Centre, Sri Vignesh Auto Works, Ragavendra Industries, Ambal Autos Erode, and Rainbow Motors – Ashokleyland.

(iv) Academic Results

Odd Semester 2018-19	
Year	Pass Percentage
Final	47.83
Third	66.13
Second	85.12
Total	66.66

FACULTY ACHIEVEMENTS

(i) Grants Received

- Final year students received Grant Rs.7500/- for project titled 'Solar Automated Fertilizer Dispenser' guided by V.Mohankumar from TNSCST Student Project Scheme on 08.03.2019.
- Final year students received Grant Rs.7500/- for project titled 'Design and Fabrication of Low Cost Artificial Leg for Disabled Persons' guided by A.Thirumoorthy from TNSCST Student Project Scheme on 08.03.2019.

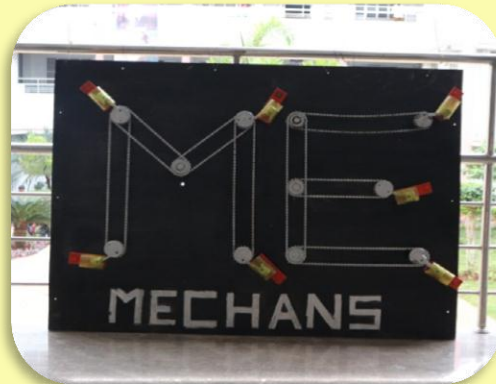
(ii) Programme attended by Faculty members

Programme	No. of Events	No. of Faculty
FDP	1	2
Workshop	2	5
Seminar	2	24
Total	5	31

PLACEMENT ACTIVITIES

- 31 Students got placed in various reputed industries like Milekal, Aquasub Engineering, Super Sales Pvt. Limited, Accenta Training and Focus Edumatic. (as on 19.03.2019)

No. of Students Interested	No. of Students Placed	No. of Students Placed in core	Placement % (As on 19.03.2019)
58	31	24	53.44



Snapshots of models created by our students during our Symposium- Mech Zeal '19



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