

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 - 2017-18

Volume: 3 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 2017-18. 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 2017-18'. 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 2017-18'. 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

A guest lecture on '5S Concepts in Industrial Practice' was Conducted on 11.01.2018. **Mr.S.NEPPOLEON**, Manager-HR, **DMW CNC Solutions India Private Ltd.**, Perundurai addressed the students on 5S implementation and advantages in industries

Intra Departmental Paper Presentation

A technical paper presentation event was organized on the '**Recent trends in Mechanical Engineering**' on 23.01.2018. Students were actively participated in the event and presented their papers on various topics.





Guest Lecture

A guest lecture on 'Overview of Advanced IC engines' was Organized on 17.02.2018. Chief Guest **Mr.P.ARJUNRAJ**, Manager-Powertrain-Research and Development, **PSA AVTEC Powertrain Private Limited**, Hosur explained about Advanced IC engines and its working principles with applications.

Workshop

As a part of curriculum enrichment, workshop was organized on **CAD software** on 23.02.2018. Trainers from the **CADD Centre**, Erode gave a training and demo on CAD software to the students and they felt benefitted.



Mech Zeal Symposium'18

A National level **Technical Symposium** was organized on 24.02.2018. Various technical events were organized on this symposium. **Dr.V.GOVINDARAJ**, Deputy General Manager & Head, R&D Cell-residential Buildings, **L&T Construction**, Chennai 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

A workshop was organized on '**Industry Ready Internship Certificate Program**' on 28.02.2018. Experts from **PIONEER DESIGN**, Coimbatore gave special training and explained about Design soft wares used in mechanical engineering design and its applications in industries.



National Safety Day Seminar

A Seminar on 'National Safety Day' was organized on 05.03.2018. **Mr.S.GUHANESWARAN**, Second year Mechanical Engineering student explained about how to get prevented from the industrial accidents and safety awareness among the students.

FOSSEE Workshop

In association with the Quality Improvement Cell, FOSSEE CLUB organized a workshop on 'Latex Software' on 14.03.2018. **Mr.A.MANOJ KUMAR**, Asst. Professor explained about how to use Latex software in project report preparation.



SPECIAL LECTURE & FAME VALEDICTORY

Special Lecture on 'Career Opportunities for Mechanical Engineers in PSUs' was conducted on 26.03.2018. **Ms.M.NISHA**, **Scientist / Engineer, VSSC / ISRO**, Trivandrum (Renowned Alumni of VCET-EEE, 2005-2009 Batch) was the Keynote speaker. The valedictory function of Fabulous Association of Mechanical Engineers (FAME) was also conducted and the achievers are appreciated with certificates.

STUDENTS ACHIEVEMENTS
ACADEMIC TOPPERS (A Section)

(2014-2018) Batch – Final Year

(2015-2019) Batch – Third Year

(2016-2020) Batch – Second Year
(Autonomous)



MANJULADEVI M
8.61 CGPA



VELAYUTHAM V
8.37 CGPA



LOGESWARAN R
7.37 CGPA



GUHHAN B
7.13 CGPA



JAGATHESWARAN V
9.24 CGPA



JAWAHARBABU R
9.07 CGPA

STUDENTS ACHIEVEMENTS
ACADEMIC TOPPERS (B Section)

(2014-2018) Batch – Final Year

(2015-2019) Batch – Third Year

(2016-2020) Batch – Second Year
(Autonomous)



THOMAS BIJU J
8.10 CGPA



GUNASEKAR K
7.80 CGPA



PIREYANKA T V
8.03 CGPA



SURIYANARAYANAN T
7.74 CGPA



RANJITHKUMAR K
9.03 CGPA



VIGNESH R
8.93 CGPA

CO / EXTRA- CURRICULAR ACTIVITIES

(i) Participation in various events

Events	Participated	Prizes won
Paper Presentation	12	-
CAD Modeling	05	-
Technical Quiz	-	03
Other events	04	16
Seminar	03	-
Workshop	30	-
Conference	12	-
Total	66	19

(ii) Industrial Visits

- Students underwent Industrial visit to Kudankulam Nuclear Power Plant, Thirunelveli.

(iii) In-Plant Training Underwent

56 students of IV, III & II year underwent industrial training during Dec'17-Jan'18 at leading industries including SAIL Salem Plant, TAFE Renault Nissan Service Centre., NLC India Limited, Sendhur Hydraulics, Royal Enfield Service Centre, Jailaxmi Auto Works, Ambal Autos Erode, Swarnam Honda Private Ltd. and Southern Railway Diesel Loco Shed, Erode.

(iv) Academic Results

Odd Semester 2016-17	
Year	Pass Percentage
Final	56
Third	26
Second	68
Total	50

FACULTY ACHIEVEMENTS

(i) Publications in International Journals

- Dr.R.Kumaravelan and T.C.R.Dinesh et al., 'Advanced and integrated security system for two wheeler' in Official journal of the Patent office on Feb 2018 Issue.

(ii) Special Lectures Delivered

- Dr.R.Kumaravelan has delivered a special Lecture on 'Dynamics of Particles' in the FDP on 'Engineering Mechanics' on 22.12.2017 at University College of Engineering, Nagercoil.
- Dr.R.Kumaravelan has delivered a special Lecture on 'Application of Finite Element Method of Analysis in solving Boundary Value Problems' in the One day Seminar on 19.03.2018 at Sengunthar Engineering College, Erode.

(iii) Programme attended by Faculty members

Events	No. of Programmes attended
Workshop	05
Seminar	03
Conference	18
Total	26

(iv) Grants Received

- Final year students received Grant Rs.10,000/- for project titled 'Design and Fabrication of Multipurpose Farm equipment for Small scale Farmers' guided by Dr.R.Kumaravelan from TNSCST Student Project Scheme on 31.01.2018.

PLACEMENT ACTIVITIES

- 67 Students got placed in various reputed industries like Milacron, Milekal, Team Detailed Solutions, LGB Industrie, Aquasub, Vertex, Hexaware BPS, Ningacart and Sri Krishna Industry. (as on 21.03.2018)

No. of Students Interested	No. of Students Placed	No. of Students Placed in core	Placement %
80	67	47	83.75



Glimpses of models made by our students



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