



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

SCHOOL OF MECHANICAL AND CONSTRUCTION

DEPARTMENT OF MECHANICAL ENGINEERING

THE MECHANICAL ENGINEERING DEPARTMENT AT VEL TECH IS THRIVING IN EVERY WAY CONCEIVABLE. ONE OF THE REASONS FOR THE DEPARTMENT'S CONTINUED SUCCESS IS THAT IT HAS NEVER STAYED ON ITS LAURELS, BUT INSTEAD, IT WORKS TIRELESSLY TO PRESERVE ITS LEADERSHIP ALONG WITH NEW TRENDS AND TECHNOLOGY.

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EDITORIAL

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T SEETHARAMAIAH 2ND YEAR, MECH,
P AVINASH 2ND YEAR, MECH.

Ph.D., Awarded

1. **Mr. K. Raja** successfully completed Ph.D public viva-voce oral examination on 06th June 2020 at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai. Title: "Study and performance of emission characteristics of four stroke spark ignition Engine through intake manifold modification".



2. **Mr. C. Raj kumar** successfully completed Ph.D public viva-voce oral examination on 08th June 2020 at Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Avadi, Chennai Title: "Investigation on sintered and hot forged Duplex stainless steels under particle vacuum and Hydrogen atmosphere".



Funded Projects Received



Dr. E Balasubramanian and Dr. K Deepthi as the Principal Investigator Received the funded project titled "Expansion of activities of BioTech - KISAN Hub in Three Aspirational Districts (Kadapa, Vizainagaram and Vishakapatnam) of Andhra Pradesh" form DBT-KISHAN, (Fund : Rs. 6 Lakhs)

Dr. E Balasubramanian and Dr Kanagachidambaresan Principal Investigator Received the funded project titled "Energy efficient and optimal path planning strategies for SWARM of UAVs in real time localisation using deep learning based stereo vision system" form, Isro-2 , 3 years (Fund : Rs. 24.51 Lakhs).

Dr. Chandra Kumar.as the Principal Investigator Received the funded project titled "Grants in Aid for NIDHI COE" form, (Fund : Rs. 647.66 Lakhs)

Dr. Chandra Kumar, Mr.Jeyaraj and Mrs.Lavanya Principal Investigator Received the funded project titled "Innovation in Science Pursuit for Inspired Research (INSPIRE)" Programme from, DST-Inspired,4 days (Fund : Rs. 8.71 Lakhs).



Dr. Chandra Kumar, Mr.Vinson Joushwa and Mr. Ragavendra Principal Investigator Received the funded project titled “Smart India Hacthon-Hardware Competition” Programme from, SIH-,6 days (Fund : Rs. 20.71 Lakhs)

Events Organized / Attended

1. Training & wokshops / Student Club – MESA” AutoLISP Programming for Prdouct Design” 5 days, held on 3.2.2020 to 7.2.2020.
2. Five days’ workshop in Advances in Compiutational Fluid Dynamics organized by Veltech Hightech Dr. Rangarajan Dr.Saguntha Engineering College 18.06.22 to 22.06.22.
3. Five days’ workshop in emerging research area in Engineering organized by SRM institute of science and technology, Chennai 09.06.22 to 13.06.22.
4. During the pandemic time more than 275 on line courses completed by our faculty members like coursera flat form.

Faculty Publication Details.

Student awards

1. **Mr.V.Gopala Krishna, B.Venkata subbiah, R.Sai Uday Kiran and L.Vinay Ramachandra** third year students
Paper presentation (1st prize), Rathinam group of institutions, Eachanari, Coimbatore – 21. Held on 02-04 march 2020.
2. **Mr CH Yaswanth Krishna** third year student, Project EXPO (1st prize) SV College of Engineering, Karakambadi road, Tirupati – 517 507 A.P. held on 19th – 20th feb 2020.

Student participation

1. **Mr. Vasantha Gopala Krishna** attended BHAUTHIKA 2020 – A state level technical symposium “Department of physics (UA), PSG College arts and science, Civil aerodrome (post), Coimbatore-641014. 2nd march 2020.
2. **Mr. L.Vinay Ramachandra** attended BHAUTHIKA 2020 – A state level technical symposium “Department of physics (UA), PSG College arts and science, Civil aerodrome (post), Coimbatore-641014. 2nd march 2020.
3. **Mr. R.Sai uday kiran** has presented at a conference paer On "A SV College of Engineering, Karakambadi road, Tirupati – 517 507 A.P" held on 19th – 20th feb 2020.
4. **Mr. V.Gopala Krishna** has presented at a conference paer On "A SV College of Engineering, Karakambadi road, Tirupati – 517 507 A.P" held on 19th – 20th feb 2020.
5. **Mr. L.Vinay Ramachandra** has presented at a conference paer On "A SV College of Engineering, Karakambadi road, Tirupati – 517 507 A.P" held on 19th – 20th feb 2020.
6. **Mr. B.Venkata subbiah** has presented at a conference paer On "A SV College of Engineering, Karakambadi road, Tirupati – 517 507 A.P" held on 19th – 20th feb 2020.
7. **Mr. Harsha Vardhan Reddy** has presented at a conference paer On "International conference on technological advancements in materials, design, manufacturing and energy sectors (ICTAMDMES’2020)" St.JOSEPH College Engg, OMR, Chennai. held on 20th – 21st feb 2020.

8. Mr. Yeddu Nitish kumar has presented at a conference paper On "International conference on technological advancements in materials, design, manufacturing and energy sectors (ICTAMDMES'2020)" St.JOSEPH College Engg, OMR, Chennai. held on 20th – 21st feb 2020

9. Mr. Vegesh has participated in the 45th tamilnadu state shooting championship competitions " held on 27th july – 3rd august 2019 organised by SDAT Shooting academy affiliated to Tamilnadu shooting association, Coimbatore.

WORK SHOP ON NON DESTRUCTIVE TESTING



NON DESTRUCTIVE TESTING LABORATORY WORK SHOP has done in VEL TECH university in the presence of professor Dr. Ing .CHRISTIAN BOLLER and it was inaugurated by the Dr.N. Sarvanan in the university .

He given a brief about the destructive testing to the respective faculties and the persons who are all part in the event ,this is one of the event conducted by the Mechanical department

