



SRM VALLIAMMAI ENGINEERING COLLEGE
An Autonomous Institution
SRM Nagar, Kattankulathur-603 203.
Department of Mechanical Engineering



STAFF ACHIEVEMENTS

1. SAEINDIA Southern Section honoured SRM Valliammai Engineering College for hosting 4th Aero Design Challenge event Workshop on 19.09.2019. Dr. Ganesan, Additional Director, CVRDE, DRDO, Chennai presented the Memento to our College **SAE Faculty Advisor Mr. S. Suresh Pungaiah**, Assistant Professor / Mechanical Engineering.



2. **Mr. S. Suresh Pungaiah**, SAE Faculty Advisor received **Dronacharya Award** Best Supporting Faculty in BFKC Final event held at Kari Motor Speedway, Coimbatore on 4.12.2019



3. **Dr.G.Anbuechziyan**, Assistant Professor (Sr.G) completed his **Doctorate of Philosophy** under Anna University, Chennai.



4. **J.P.Ramesh**, M.Devasish Reddy published paper on “ Heat Transfer Enhancement Using Nano Fluid Particle” Inter National Educational Journal of Science and Engineering ,Vol. 2, Issue 2, April 2019(E-ISSN : 2581- 6195).

5. **N.Nithya** 2019 presented paper “Alleviation of regenerative chatter using MRF dampers during Milling” in Second International Conference on Sustainable Energy Resources, Materials and Technologies (ISERMAT 2019) at SSN College of Engineering.

6. **J.P.Ramesh**, T.Muthu Pandi published paper on “Experimental Evaluation and Analysis of Glass Fiber Reinforcement Composite under Mechanical Loading by Abaqus Software” International Journal of Research and Analytical Reviews, Vol.6, Issue 2, May 2019(E-ISSN 2348-1269, P-ISSN 2349-5138).
7. **Mr.R.Srinivsan**, 2020 Asst Prof (Sr.G) and **Dr.S.Thirugnanam**, Professor published a paper in the title of “Mechanical properties of hybrid fiber reinforced epoxy composites” in I-manager’s Journal on Mechanical Engineering, Vol. 10 | No. 1 | November 2019 - January 2020.
8. **Dr.G.Anbuezhiyan**, 2020 Assistant Professor (Sr.G), published paper on “Influence of microstructure and mechanical properties of TiC reinforce magnesium nano composite” Materials Today: Proceedings 27, 1530–1534.
9. **Dr.G.Anbuezhiyan**, 2020 Assistant Professor (Sr.G), published paper on “Synthesis of B4C and BN reinforced Al7075 hybrid composites using stir casting method” Journal of Materials Research and Technology,9(3):6297–6304
10. **Dr.S.Thirugnanam**, Professor, 2020 published a paper on “Synthesize and wet condition based characterizations of GRP / Lye treated sisal fiber hybrid composite Materials Today: Proceedings, Volume 33, Part 7,Pages 2846-2849.
11. **Dr.S.Thirugnanam**, Professor, 2020 published a paper on Study about emissivity of black chromium (BCr) coated aluminium alloy surface, Materials Today: Proceedings, DOI Link: <https://doi.org/10.1016/j.matpr.2020.06.434>
12. **N.Nithya** 2020 published paper on “Alleviation of regenerative chatter using MRF dampers during Milling” Renewable Energy Sources and Technologies, AIP Conference Proceedings. 2161, 020054-1–020054-8; <https://doi.org/10.1063/1.5127645>
13. **Sudalai Suresh Pungaiiah** and Chidhambara Kuttalam Kailasanathan, 2020 published paper on, ‘Thermal Analysis and Optimization of Nano coated Radiator Tubes using Computational

Fluid Dynamics and Taguchi Method', Coatings 2020, 10, 804; DOI:10.3390/coatings10090804. ISSN: 2079-6412 (Annexure I). IF – 2.436. 2.

14. **J.P. Ramesh, K.Sivakumar** published paper on “Investigation of Wake Aerodynamics in Bluff Body for UAV Application” I- Manager’s Journal on Mechanical Engineering, Vol. 10 No.2, April 2020.

15. **Mr.M.Vadivel** presented a Paper titled on “Mechanical Studies on Aluminium Hybrid Metal Matrix Composites” in the International Conference on 09-10-2020 at Bannari Amman Institute of Technology.

16. **K.Velavan**, B.Mohan, G.Anbuezhayan, N.Senthilkumar, published paper on “Implications of SiC/Al₂O₃ Reinforced Al-Mg-Zn Hybrid Nano Composites using vacuum sintering method”, Springer nature , Dec 2020

17. **Suresh Pungaiiah S** and Kailasanathan C, 2020, ‘Design of a Nano Coated Heat Exchanger working with Organic Nanofluids using Hybrid Technique’, Transactions of the Canadian Society for Mechanical Engineering, Vol. 45, Issue no. 2, DOI:10.1139/tcsme-2020-0080. ISSN: 0315-8977 (Annexure I). IF – 0.573

18. **Mr.R.Srinivsan** presented paper on “Experimental investigation on the effect of heat treatment on Aluminium Hybrid Composites Reinforced with Graphite and Aluminium oxide”, 3 rd National e-Conference on Recent Development in Automobile and Mechanical Engineering, 31-03-2021, Easwari Engineering College, Ramapuram, Chennai-600088. 8.

19. **Mr.R.Srinivsan** presented paper on “Numerical Simulation and Experimental Study of Glass Fiber Epoxy Drive Shaft”, Second International conference on Smart Automation in Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering (ICSA 2021),10-04-2021, SRM Valliammai Engineering College, Kattankulathur-603203.

20. Mrs. **Nithya N**, presented paper on “Experimental Investigation and Mitigation of Chatter in Milling Machine using MR Fluid” ICSA 2021 on 10.04.2021 at SRM Valliammai Engineering College.

21. **Mr.S.Sivalingam**, presented paper on “Hazard Identification and Risk Assessment in Lignite Handling System of Thermal Power Plant” ,Second International Conference on Smart Automation in Computer,Electrical , Electronics and Communication Engineering (ICSA-2021),SRM valliammai Engineering college, 10th April 2021.

22. **Mr.G.Rajesh**, presented paper on “Design and Development of Eco Friendly Regenerative Electrical Bicycle”, SECOND International conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering [ICSA-2021]. SRM Valliammai Engineering College, 10 th April 2021.

23. **Mr.G.Lokesh** 2021 published paper on “Fire Risk Assessment and Fire Load Calculation in Manufacturing Industry”, International Journal Of Current Engineering And Scientific Research, ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697, VOLUME-8, ISSUE-4,26 – 37

24. **Mr.Pradeep S**, Lokesh Kumar R, “ERGONOMIC ANALYSIS OF WORKERS IN AUTOMOBILE INDUSTRY USING REBA TOOL” – Published in International Journal of Current Engineering and Scientific Research, Volume-8, Issue-4, pp.15-25, 2021.