

DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY PROFILE

Name	ARUN M
Date of joining in VKCET	25/November/2021
Total Experience	12 Years
Educational Qualification	M Tech, PhD (Pursuing)
FDP/Seminar/Workshop attended	<ol style="list-style-type: none"> 1. Arun Mohanan, B. Sozharajan, R. Karthikeyan, S. Kannan · V, Manakari ·M. Gupta, Tribocorrosion Mechanisms of Pure Mg–SiO₂ Nano Syntactic Biodegradable Foams Against Bovine Bone in Artificial Saliva Solution, Journal of Bio- and Tribo-Corrosion (2021). 2. M.Arun, S.Vincent and R.Karthikeyan, Development and Characterization of Sisal and Jute Cellulose Reinforced Polymer Composite, Materials Today Proceedings, Science Direct, January 2020. 3. “Synthesis and Mechanical Characterization of Cellulose Reinforced Epoxy Polymer Composite” presented in International Conference on Mechanical, Automotive and Aerospace Engineering, MAAE 2018 and Published by Mc Graw Hill Education. 4. “Welding metallurgy of Titanium and its Alloys- A review” published in COMET’ 13, National Conference on Mechanical Engineering for Future in 2013. 5. “Improving the performance of Ni based Super Alloys for Turbine Blade Application” published in COMET’ 13, National Conference on Mechanical Engineering for Future in 2013. 6. “Effect of Cobalt and Niobium Addition in Maraging Steel for Nuclear Reactor Application” published in NAIMSAP, National Conference on Advances in Manufacturing, Systems and Processes in 2012. 7. FDP on Engineering Mechanics organized by IIT Bombay. 8. FDP on Engineering Thermodynamics organized by IIT Bombay.
Courses handled	<ol style="list-style-type: none"> 1. Metallurgy and Materials Engineering 2. Manufacturing Technology. 3. Advanced Manufacturing Engineering. 4. Fluid Mechanics. 5. Mechanics of Solids. 6. Total Quality Management. 7. Machine Tools and Metrology. 8. Construction of India.