

SARANATHAN COLLEGE OF ENGINEERING
TIRUCHIRAPALLI – 620 012



Department of Mechanical Engineering

Two Weeks AICTE Sponsored
Faculty Development Programme

on

Cutting Edge Technology and Contemporary Research in Mechanical Engineering

A Report

The Department of Mechanical Engineering, Saranathan College of Engineering organized a Two week Faculty Development Program sponsored by All India Council for Technical Education (AICTE), New Delhi, on “Cutting Edge Technology and Contemporary Research in Mechanical Engineering” from June 10 to June 22 , 2019. The programme was intended to create a forum for academicians and researchers to get exposed and to get trained in the state of the art Information and Communication Technology tools that have taken the field of Mechanical Engineering by storm. The primary objective of the programme was to provide a stimulus to pursue innovative research and to encourage and to encourage continuous learning process. Eminent technical experts from leading research and educational organizations like Anna University, NIT, IIT, DRDO, BARC, WRI, etc., enlightened the sessions by their enriching lectures on cutting edge technologies like Additive Manufacturing, Innovation Engineering, Computational Fluid Dynamics, Industry 4.0, etc. The programme was well attended by 43 participants from all over the state, many of the hailing from government institutions. The programme was also marked by a field visit to “SIEMENS Centre of Excellence in Manufacturing” and “Welding Research and Material Testing Lab” at NIT Trichy, to give the participants an insight into the futuristic advancements in Robotics and Welding. Training was also imparted by way of hands-on sessions in advanced softwares like ANSYS; Image processing, Fuzzy logic, Genetic Algorithm using MAT lab; Statistical analysis and regression modeling using SPSS etc. The programme was concluded by an evaluation procedure based on which the participants were certified.

Inauguration by
Dr. M. Kanthababu
(Professor & Head)
Department of Manufacturing Engineering,
Director - CIPR, Anna University - Chennai

