

Foreword from the President:

RSF (Research Scholars Forum) is the forum functioning for the welfare of researchers since 2015 and officially formed in 2017 with the help & support of Institute functionaries. Research Scholars Forum mainly focus on organizing workshop, seminar and guest lecture regularly with experts from academic institution and R&D

Initiatives/Projects taken up this year:

1. Orientation
2. Workshop
3. Guest Lectures

An orientation programme was conducted for the students to introduce the facilities of SIEMENS Centre of Excellence in Manufacturing. Dr V Anandkrishnan, Associate Head of CoE given the lecture. A total of 100 students participated in the event.

5 days workshop on Swarm and Evolutionary Intelligence for Optimization was conducted jointly by RSF and IEEE SB NIT Trichy. Following topics were elaborated in the workshop.

- Introduction to bio-inspired algorithms
- Single and multi-objective optimization problems.
- Criteria and objective functions.
- Hands-on sessions on different algorithms using MATLAB.
- Research advances in optimization techniques using bio-inspired algorithms.
- Practical research applications.
- Future research directions.

32 participants attended the 5 days workshop.

Guest Lecture was conducted in the in Research challenges in wireless sensor networks. Dr. Amruta Vishnu Lipare from IIIT Pune. 43 students attended the event.

Another Guest Lecture was conducted in the topic of Texture ad EBSD analysis of Materials. Mr Achintya Patra from IIT Madras. Scholars with the background of Mechanical, Metallurgy and Production really got benefitted from the case study presented. Total participant count was 52.

Upcoming Events

Guest Lecture in

- 1) Research Parks and Startups Incubation
- 2) Occupational Stress and work life balance
- 3) Bio Inspired Algorithms in Engineering Design