



# RAJALAKSHMI ENGINEERING COLLEGE

An AUTONOMOUS Institution  
Affiliated to ANNA UNIVERSITY, Chennai

**Virtual (Online)**

## **Faculty Development Programme**

*On*

## **Advance Research in Friction Welding and Its Engineering Applications**

**(25.08.2022 to 27.08.2022)**



**Coordinators**

**Dr. S. Senthil Murugan**

**Dr. C. Devanathan**

**Organized by**

**Department of Mechanical Engineering**

### **About the Institution:**

Rajalakshmi Engineering College, an autonomous institution affiliated to Anna University, Chennai, was established in the year 1997 under the aegis of Rajalakshmi Educational Trust whose members have had consummate experience in the fields of education and industry. The College has grown from strength to strength in the last 25 years and progressing towards Excellence in Engineering Education, Research and Development. The College presently offers 17 Under Graduate and 09 Post Graduate programmes, with an annual intake of 1950 students. 9 of our Departments are recognized as Research Centres of Anna University to conduct Ph.D programmes and many scholars have obtained Ph.D through these research centres. The College is accredited by the National Assessment and Accreditation Council (NAAC) with 'A' Grade and secured 95<sup>th</sup> position in 2022 NIRF ranking.

### **About the Department:**

The Department of Mechanical Engineering established during 1997, offers both UG and PG programmes. It has been recognized as Research centre by Anna University for collaborative research programme which leads to Ph.D degree. The department has been re-accredited by NBA for three years. This 25 yrs. old department has well experienced faculty members with a blend of industrial and academic exposure.

### **Who can participate?**

Faculty members, industry person and research scholars, belonging to AICTE approved technical Institutions, and such Universities can participate in this FDP programme. Participants' e-certificate will be provided.

**Last Date for Registration : 24.08.2022**

**Intimation of selection : 24.08.2022**

The maximum number of participants is limited to 100. Preference will be given to early registered candidates.

### Chief Patron:

**Mr. S. Meganathan**

Correspondent, Rajalakshmi Institutions.

**Dr. (Mrs). Thangam Meganathan**

Chairperson, Rajalakshmi Institutions.

**Mr. Abhay Shankar Meganathan, B.E., M.S.**

Vice Chairman, Rajalakshmi Engineering College.

### Advisor:

**Dr. C. R. Muthukrishnan**

Advisor, Rajalakshmi Institutions

### Patron:

**Dr. S. N. Murugesan**

Principal, Rajalakshmi Engineering College

### Convenor:

**Dr. S. P. Srinivasan**

Professor and Head, Mechanical Department

Rajalakshmi Engineering College

### Coordinators:

**Dr. S. Senthil Murugan**

Assistant Professor (SG), Mechanical Department

**Dr. C. Devanathan**

Assistant Professor (SS), Mechanical Department



### Course Objectives:

*This programme consists of 6 sessions. The main objectives of the Faculty development programme is*

- ✚ To expose the participants to the concept, types and the importance of Friction stir welding and friction welding processes.
- ✚ To discuss the challenges existing in joining the high strength materials, and dissimilar materials by using frictional joining process.
- ✚ To know the weldment characterization techniques.
- ✚ To impart the knowledge on numerical modelling in the welding process.

### Resource Persons:

Experts from IIT, NITs, SRM and internal faculty members will conduct the sessions virtually in the FDP programme.

### Registration Fee:

There is **No fee** for the participants, as seats are limited to 100, it shall be on a first come first serve basis.

### Address for Communication:

**The Programme Coordinator,**

Department of Mechanical Engineering

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[devanathan.c@rajalakshmi.edu.in](mailto:devanathan.c@rajalakshmi.edu.in)

**Registration Link:** Please use the below link to register

<https://forms.gle/F6uNpmykvyg2i2G78>

**Whatsapp link:** Please use the below link to join in Whatsapp group

<https://chat.whatsapp.com/GrX3t8VFZ8YETb04rPFbR0>