



REGISTRATION FORM
AICTE-MARGDARSHAN



Sponsored FDP

on

**ADVANCED TOOLS AND
TECHNIQUES FOR RESEARCH IN
ENGINEERING PROBLEMS
(ATTRE-2019)**

18th to 23rd November 2019

1. Name:

2. Date of Birth:

3. Designation:

4. Institution:

5. Address for correspondence:

Phone:

E-mail:

6. Educational qualifications:

7. Experience (in years):

8. DD/online transfer Details:

9. Accommodation Required: Yes / No

Declaration

The information provided is true to the best of my knowledge. If, selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:

Date:

Signature

Signature of the HOD/Principal/Sponsoring Authority

OBJECTIVES

- To provide a forum for the faculty members from various engineering colleges to interact, discuss and exchange their knowledge with the resource persons.
- To provide guidelines and directions to begin research and ongoing research.
- To appraise on the applications of quantitative tools and techniques to be used in the research work.

COURSE CONTENTS

- Research methodology
- Trends in machining processes
- Data Analysis
- Design of Experiments
- Markovian and Queuing theory
- Metaheuristics
- Fuzzy Neuro Applications
- Optimization techniques
- System simulation
- Supply chain modelling
- Developments in fabrication methods
- Applications of IT in research

INDUSTRIAL VISIT

Industrial visit/hands on training in SIEMENS CENTRE OF EXCELLENCE IN MANUFACTURING, NITT may be arranged during the workshop.

RESOURCE PERSONS

The course faculty includes resource person from various institution like IITs, NITs and industries.

**ABOUT THE DEPARTMENTS
PRODUCTION ENGINEERING**

The National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli, situated in the heart of Tamil Nadu on the banks of river Cauvery, was started as a joint and co-operative venture of the Government of India and the Government of Tamil Nadu in 1964 with a view to catering to the needs of manpower in technology for the country. The college has been conferred with autonomy in financial and administrative matters to achieve rapid development. The Department of Production Engineering is one of the best in the country. Established in the year 1983, the department strives towards excellence in the fields of production and manufacturing. The vision of the department is to become a center of excellence for learning, research and model manufacturing. It was declared as the best department of the institute for the year 2006-07 and 2018-2019. The Department of Production Engineering offers B.Tech. (Production Engineering), M.Tech. (Manufacturing Technology, Industrial Engineering and Management), M.S. and Ph.D. programs. The highly experienced faculty of the Department contributes to the vital role in Academic research. Many research papers have been published in reputed national and international journals and conferences by the faculty. Government of India has recognised this Department as a Centre for Quality Improvement Programme in PG and Ph.D. courses

**ABOUT THE DEPARTMENT OF
MECHANICAL ENGINEERING**

The Dept. of Mechanical Engineering is one among the first three departments established in 1964. With a team of highly qualified faculty members, the department consistently strives to be a globally renowned Dept. in Mechanical Engineering where the best of teaching, learning and research synergize to fulfil the requirements of industry and society. As a feather in its cap, the department has been ranked between 300–450 consecutively for the past three years in the QS world ranking which makes the department unique among all NITs in the country. The Department offers an UG programme in Mechanical Engineering, PG programmes in TPE and ISE and research programmes in M.S and Ph.D. The department keeps itself up to date with the state of art laboratories in order to nurture collaborative and cutting edge research activities.



AICTE-MARGDARSHAN

Sponsored FDP

on

ADVANCED TOOLS AND TECHNIQUES FOR RESEARCH IN ENGINEERING PROBLEMS (ATTRE-2019)

18th to 23rd November 2019

Co-ordinators

Dr.K.PANNEERSELVAM

Dr.P.SATHIYA

DR.S.P.SIVAPIRAKASAM

DR. K.R. BALASUBRAMANIAN

Organised by

DEPARTMENT OF PRODUCTION ENGINEERING

AND

DEPARTMENT OF MECHANICAL ENGINEERING

NATIONAL INSTITUTE OF TECHNOLOGY

TIRUCHIRAPPALLI – 620 015

TAMILNADU, INDIA.

HOW TO REACH NIT-TRICHY

NIT- Tiruchirappalli is located about 22 km from Tiruchirappalli Junction/Central Bus-stand on the Tiruchirappalli-Thanjavur Highway. The simplest and most economical way to reach NIT-Tiruchirappalli is by bus. Board Thanjavur bound route bus and get down at NITT. The journey time from Tiruchirappalli will be around 45 minutes.

REGISTRATION

Confirmation of all the Participants will be intimated through email by 8th November 2019. **Selected candidates have to bring DD (Rs.4000/-) in favour of “The Director, NIT, Tiruchirappalli-620015 payable at SBI, NIT Branch (Code - 01617)” and submit the same on 8th November 2019. The registration fee includes workshop kit, lunch and refreshment for all days.

CATEGORY	REGISTRATION FEE
Mentee Institute Participants	Free of Cost
Non-Mentee Institute Participants**	Rs.4000/- [inclusive of GST]

BOARDING AND LODGING

- ♦ For Mentee Institute Participants: Free of cost.
- ♦ For Non-Mentee Institute participants: Accommodation will be arranged on a twin shared basis at a nominal fee in the institute guest house/ Hostel at Rs.600 per head per day for the Non-Mentee Institute Participants.

IMPORTANT DATES

Last date for receiving application : **08-11-2019**

Intimation of selection (By email only) : **08-11-2019**

Additional registration forms may be photocopied or downloaded from the website www.nitt.edu.

ADDRESS FOR CORRESPONDENCE

Dr.K. PANNEERSELVAM

Associate Professor

Co-ordinator for ATTRE-2019,

Department of Production Engineering

National Institute of Technology,

Tiruchirappalli – 620 015, Tamil Nadu, India.

Phone : 0431 – 2503515

Mobile : 09952842776

Fax : 0431– 2500133

Email : attre2019@gmail.com / kps@nitt.edu

Note: Please email us a soft copy of your duly filled REGISTRATION FORM followed by a hard copy of the same to the above mentioned address on or before 08-11-2019.