

REGISTRATION FORM

AICTE- ISTE

INDUCTION/REFRESHER PROGRAMME ON **RESEARCH METHODOLOGY, DESIGN AND ANALYSIS OF EXPERIMENTS**

12th to 17th November, 2018

Name:

Qualification:

Designation:

ISTE Membership No:

Institute/Organization:

Address:

Email ID:

Telephone / Mobile:

Accommodation required: YES / NO

I agree to abide by the rules of the programme. If selected,
I shall participate in the course for the entire duration.

Date:

Place: Signature

The applicant Mr./Ms.

.....
from our institution will be permitted to attend the AICTE-
ISTE Induction/Refresher Program on **Research
Methodology, Design and Analysis of Experiments** to be
held at RVR & JCCE, Guntur from **12-11-2018 to 17-11-2018**.
If selected, he/she will be granted necessary leave of
absence.

Place:

Date:

PRINCIPAL/DIRECTOR
(Seal & Signature)

ORGANIZING COMMITTEE

Patrons:

Dr. R. Srinivas

President, RVR&JCCE

Sri R. Gopala Krishna

Secretary & Correspondent, RVR&JCCE

Dr. K. Krishna Prasad

Treasurer, RVR&JCCE

Chairman:

Dr. K. Srinivasu

Principal

Advisory Committee:

Dr. A. Sudhakar, Dir.(R & D), Professor & Dir. ECE

Dr. N.V. Srinivasa Rao, Registrar

Dr. M. Venkateswara Rao, Prof. in ChE, Dean, Exams

Dr. K. Ravindra, Prof. in ME, Dean, Academics

Dr. K. Srinivas, Prof. in ME, Dean, Student Affairs

Dr. G.S. Prasad, Prof., & Dean, Training & Placement

Co-ordinator:

Dr. G.Srinivasa Rao

Professor, Department of Mechanical Engineering

ISTE Chapter Members:

Dr.K.Balaprasad, Assoc. Professor in ME

Dr.R.Ram Kumar, Sr.Asst. Professor in Physics

Smt. Z.Sunitha Bai, Asst. Professor in CSE

Sri A. MuraliKrishna, Asst. Professor in ECE

Ms. V.Sarayu, Asst. Professor in EEE

Smt. B.Manasa, Asst.Professor in IT

Sri K Hanumantha Rao, Sr.Technician-A in ME

Members of the Department:

Dr. D.V.V. Krishna Prasad, Professor

Dr. V. Chittaranjan Das, Professor

Dr. C. Srinivas, Assoc. Professor

Dr. N.V.V.S. Sudheer, Assoc. Professor

Dr. B. Ramgopal Reddy, Assoc.Professor

Dr. N. Govind, Assoc. Professor

Dr. G. Chaitanya, Assoc. Professor

Dr. K. Praveen Kumar, Assoc. Professor

Dr. S. Radhika, Assoc. Professor

Dr. V. Rama Koteswara Rao, Assoc. Professor

One Week

AICTE- ISTE

INDUCTION/REFRESHER PROGRAMME

on

**Research Methodology, Design
and Analysis of Experiments**

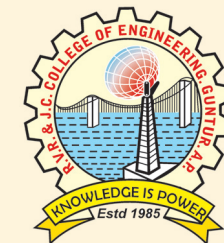
12th to 17th November, 2018



Coordinator

Dr. G. Srinivasa Rao

Professor



Organized by

ISTE CHAPTER

&

**DEPARTMENT OF MECHANICAL ENGINEERING
RVR&JC COLLEGE OF ENGINEERING**

(Autonomous)

Accredited by NBA & NAAC with 'A' Grade

Chandramoulipuram :: Chowdavaram
GUNTUR-522 019 :: ANDHRA PRADESH

Website: rvrjce.ac.in

ABOUT THE COLLEGE

The Rayapati Venkata Ranga Rao & Jagarlamudi Chandramouli (RVR&JC) College of Engineering (A), Guntur is a pioneer and well-known for its discipline and dexterity in the field of Engineering Education. It was promoted by a philanthropic group of individuals under Nagarjuna Education Society, Guntur in the year 1985. The promoters of the College have pursued their mission with such a zeal and understanding that the College had over-taken the older colleges quantitatively and qualitatively. Today, it is a most sought after institution offering 7 B.Tech. and 6 M.Tech. programmes in Engineering, as well as MCA & MBA programmes.

Its credentials are:

- The first Engineering College in the state accredited by NBA for **Five times in 1998, 2002, 2007, 2012 & 2017.**
- 2nd best among the private Engineering Colleges in the state and 4th best amongst all colleges inclusive of the University Colleges in Andhra Pradesh state.
- Consistently figured among the top 100 Engineering Colleges in the country.
- Best Performing College among all the affiliated colleges of Acharya Nagarjuna University.
- Graded as AAA+ by Careers 360 magazine in 2018.
- Figured among the top 100 Engineering colleges in the country and ranked 90 by Education world in 2018.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering started B.Tech course in 1985 and M.Tech (CAD/CAM) in 2004. The B.Tech course had been accredited with "A" grade by NBA for 3/5 Years in 1998, 2002 respectively. It has been re-accredited for 3 years in 2007, 2012 and in 2017. The department was awarded Rs.84.36 lakhs worth projects by AICTE, UGC and so on. The department has well experienced faculty with right mix of specializations and highly skilled and motivated technicians to provide quality education to the students. A well-established CAD/CAM laboratory possess 130 high end computer systems and all with advanced modeling and analysis softwares. Many of its students are placed in National & Multi-national companies like ISRO, HPCL, HAL, VIZAG Steel, TCS, Reliance, Tech Mahindra, NTT Data, CUMMINS, ESSAR STEELS, INFOSYS, CTS, SATYAM VENTURES and INFOTECH etc., through campus selections.

ABOUT ISTE:

The Indian Society for Technical Education is a national, professional, non-profit making Society registered under the Societies Registration Act of 1860. First started in 1941 as the Association of Principals of Technical Institutions (APTI), it was converted into "Indian Society for Technical Education" in 1968 with a view to enlarge its activities to advance the cause of technological education. The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organizations. Being the only national organization of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. The Ministry of Human Resource Development, AICTE/DST/MIT/State Governments are well associated with the ISTE for programmes relating to technical education.

ABOUT THE PROGRAM

The course was aimed to introduce the concepts of research methodology and to enable the budding researchers and the professionals to develop the skills related to design and analysis of experiments. Design of Experiments is a methodology to test several theories or examine the effect of several factors in developing a new product/process and solving chronic industrial problem. The method has found wide application in various industries like chemical, pharmaceutical, engineering and many other industries. Wide spread application of Design of Experiments by the Japanese for the last few decades has been considered to be one of the reasons for the achievement in their manufactured products. It has simultaneously helped them to reduce costs and highly competitive international market.

OBJECTIVES OF PROGRAM

This program is designed to develop the skill set required for problem solving and process performance optimization through designing, executing and analyzing experiments.

Course content:

- Importance of research.
- Types of research.
- Identification and definition of research problem.
- Basics of design of experiments.
- Full Factorial and Fractional Factorial designs.
- Response surface methodology.
- Taguchi methods: Design experiments using Orthogonal Arrays(OA) & Signal to Noise Ratio analysis.
- Multi response optimization methods

Note: A test will be conducted at the end of the programme and the certificates will be issued only for those participants who qualify the test.

RESOURCE PERSONS

Leading academicians from IITs/NITs/Universities, renowned Engineering Colleges will deliver lectures and discuss industrial case studies. Eminent Industry experts will also share their experiences.

Who Should Attend This Programme is designed for the faculty members of various Engineering institutes of Andhra Pradesh and nearby states of the country. Participants will be given certificate jointly by ISTE and AICTE.

ELIGIBILITY / HOW TO APPLY

This is being AICTE-ISTE sponsored Induction / Refresher program, there are NO registration charges. Total available seats are limited to 40 and committee decision will be final about the selection of participants. Preference will be given to ISTE members. Faculty members, not having ISTE membership, can avail membership on the spot. Hard copy of registration form must be sent by speed post. Soft copy (scanned) must be mailed at gsraorvr@gmail.com ***Registration form can be downloaded from Institute website: www.rvrjce.ac.in**

INSTRUCTIONS TO PARTICIPANTS

Participant Selection is based on the first come first served. Certificate will be issued only for those participants who qualify the test and also attend all sessions.

TA/DA will be paid to the participants as per AICTE - ISTE rules

IMPORTANT DATES

Last date for receipt of application : 8th Nov. 2018

Intimation to participants : 9th Nov. 2018

Address for Communication

Dr. G. Srinivasa Rao

(Co-ordinator & Convener ISTE Chapter)

Professor, Department of Mechanical Engineering

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