

REGISTRATION FORM

**A Two day Workshop on
"Beneficial Applications of Ionizing Radiation"
8th & 9th FEBRUARY 2014**

Organized by: R&D Cell, KITSW
In association with
IGCAR, Kalpakkam, INDIA

Name: _____

Designation: _____

Organization: _____

Correspondence Address: _____

_____ PIN code _____

Phone # _____

E-mail: _____

Accommodation Required: Yes/No
Category: Academic/Industry/others

Signature of the Participant: _____

Date: _____

Place: _____

Signature of the Head of the Institute/
Sponsoring Authority
(With Date and Seal)

- No Registration Fee
- Last date of receiving applications: 7th Feb, 2014

Send your applications to:

**Research & Development Cell,
Kakatiya Institute of Technology & Science,
Opp: Yerragattu Hillock, Hasanparthy(M),
Warangal-506015(A.P), INDIA.
Tel: (0870) 2564888 Fax: (0870) 2564320**

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Professor of Mech. Engg.,

Co-ordinator:

Sri K. Venu Madhav,
Member In-charge, R&D Cell,
Assoc. Prof of E&I Engg., KITSW

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HOD, Dept. of PS



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Jointly organized by

**Indhira Gandhi Center for Atomic Research (IGCAR),
Kalpakkam, Tamilnadu, INDIA**

&

**Research & Development Cell,
Kakatiya Institute of Technology & Science,
Warangal-506015 (A.P), INDIA.**

**Tel (0870) 2564888, Fax: (0870) 2564320
Website: www.kitsw.ac.in**

ABOUT THE INSTITUTE:

Kakatiya Institute of Technology & Science, popularly known as **KITS**, was established in the year **1980**, KITS is the flag ship institute sponsored by **Ekasila education Society (EES)**, **Warangal** a pale philanthropic society, whose primary object is to establish and manage a variety of educational institutions with highest quality and thus to provide quality human resources in the services of society. The institute is permanently affiliated to Kakatiya university, Warangal and recognized by AICTE & UGC New Delhi.

The institute has its own campus covering an area of 67 acres of land. The institute is located on New delhi-Chennai broad gauge railway line and is well connected to other cities by rail and road.

Warangal city is just 150 kms from Hyderabad, capital city of A.P. The institute is located 13 kms and 20 kms from kazipet and warangal railway stations respectively, on Warangal-Karimnagar state highway.

ACADEMICS AT KITSW:

At present, the institute is offering seven under graduate programs leading to B.Tech in Civil Engineering, Mechanical Engineering, Electronics & Instrumentation Engineering, Computer Science & Engineering, Electrical & Electronics Engineering, Electronics & Communication Engineering and Information Technology. The total intake of UG students is 720 students. The institute is also offering 8 post graduate courses leading to M. Tech with specialization in Structural Engineering, Design Engineering, Digital Communications, VLSI & Embedded Systems, Software Engineering and power Electronics. The institute is also offering MBA and MCA progrmms. All the Engineering departments are accredited by National Board of Accerediton (NBA), AICTE, New Delhi.

The institute has the credit of conducting several seminars, symposiums, workshops and conferences in the past.

RESEARCH AT KITSW:

Research & Development (R & D) Cell aims of motivating, monitoring and developing quality research in the Institute. It is positively working on collaborative R & D projects and entering MoUs with industries. It also promotes creativity, research and innovation among the student community. To encourage research among the faculty, the Institute has the facility of granting study leave, reimbursing a part of the expenditure incurred in establishing the experimental set-ups for their research work and a separate provision is also made in budget for R&D activities.

The following are Research Centres recognized by Kakatiya University to offer Ph.D. Programs in their respective disciplines.

1. Computer Science & Engineering
2. Civil Engineering
3. Electronics & Instrumentation Engineering
4. Mechanical Engineering
5. Mathematics
6. Physics and
7. Chemistry.

At present, 42 research scholars are working at this Institute for their PhD programs, and a very good number of research papers are published by them in reputed peer reviewed national and international journals and conference proceedings.

ABOUT WARANGAL CITY:

The historical city of Warangal is the 5th biggest in the state of Andhra Pradesh and it is an important educational cluster. Once the capital of great Kakatiya Kingdom, Warangal, earlier known as Orugallu or Ekashilanagaram still retains its importance as a culture center in Telangana region of Andhra Pradesh. There are many historical monuments in and around the city such as fort Warangal, Thousand Pillar Temple, Badhrakali Temple, Ramappa temple along with beautiful scenic lakes of Ramappa, Pakala and Laknavaram. In addition to this there are wild life sanctuaries nearby and other places for the tourist.

ABOUT THE WORKSHOP:

Energy is essential to economic and social development and improved quality of life. However, much of world's energy is currently produced and used in ways that may not be sustainable in long term. In order to assure progress towards a sustainable energy future, use of atomic energy is essential.

Indira Gandhi Center for Atomic Energy (IGCAR), Kalpakkam, is the second largest establishment of the department of Atomic Energy, was established with a main goal of conducting broad multidisciplinary programme of scientific research and advanced Engineering, directed towards the development of Fast Breeder Reactor (FBR) technology, in india. IGCAR is pioneered in designing, developing, constructing and maintaining nuclear reactors for generation of sustainable power in india. Various R & D activities in the areas of Electrical, Electronics, instrumentation, Structural Mechanics, Thermal Hydraulics and flow induced vibration, Component Testing in high temperature sodium environment, sodium-water reaction, hydraulic development of sodium pumps etc., are being pursued.

The present workshop aims at imparting basic and engineering aspects of different research problems in the area of design and development of atomic energy based power generation.

CONTENTS:

- Applications of ionizing radiations in
 - Strategic & Core industries
 - Medicine
 - Agriculture and
 - society
- Non Destructive Evaluation (NDE), Advances in NDE & career prospects
- Overview on Indian Nuclear Program

ACCOMMODATION:

Accommodation is available for limited members on first come first serve basis.