

**SDM College of Engineering & Technology, Dhavalagiri, Dharwad – 580002.**

**A seminar on Nuclear Energy- Opportunities and Challenges**

**20<sup>th</sup> August 2016**

**REGISTRATION FORM**

Name: .....

Branch: .....

Institution: .....

Contact Number: .....

E-mail id: .....

**Signature of the Applicant**

**Permission Letter**

Prof./ Mr./Mrs. ....

of .....  
College is permitted to attend the Seminar on Nuclear Energy- Opportunities and Challenges to be held on 20<sup>th</sup> August 2016.

**Sign. of HOD/ Head of the Institution  
With seal**

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**Poojya Dr. D.Veerendra Heggade**  
President, SDME Society, Ujire

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Prof. Keshava Joshi, HOD, Chemical Engg. Dept.

**Members**

Faculty members & Staff of EEE and  
Chemical Engineering Departments

**Coordinators**

Dr. R. L. Chakrasali, EEE Dept.  
Prof. Rashmi S. H., Chemical Engg. Dept.

**Address for communication**

**The Coordinator**

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SDM Educational Society, Ujire

**SRI DHARMASTHALA  
MANJUNATHESHWARA COLLEGE OF  
ENGINEERING & TECHNOLOGY  
DHAVALAGIRI, DHARWAD - 580002  
KARNATAKA**

(An Autonomous Institution Recognized by AICTE,  
Affiliated to VTU Belagavi, Karnataka)



**One Day Seminar On  
NUCLEAR ENERGY- OPPORTUNITIES  
AND CHALLENGES  
(Sponsored by TEQIP 1.2)**



**Organized by**

Department of Electrical & Electronics Engg.,  
Department of Chemical Engg., SDMCET, Dwd.  
&  
Nuclear Power Corporation of India Limited,  
Kaiga Generating Station, Kaiga.

## INSTITUTION PROFILE

Sri Dharmasthala Manjunatheshwara College of Engineering & Technology, Dharwad is under the flagship of SDM Educational Society, Ujire. The guiding spirit and driving force for all the achievements and progress of our institute is the President **Dr. D. Veerendra Heggade**, Dharmadhikari of Sri Kshethra Dharmasthala, who has the highest concern for Vidyadana, being one of the philosophies of Sri Kshetra. SDMCET is one of the top quality institutions in India. Since its inception in 1979, the institute has established itself as a centre of high repute engaged in imparting quality education through innovative teaching learning process, best practices and providing support to Research & Developmental activities. The institution is recognized by AICTE, affiliated to VTU Belgaum, beneficiary of TEQIP phase II program of World Bank, accredited twice by NBA besides having academic autonomy. The institution offers Under Graduate programs in seven disciplines and eight Post Graduate programs across the departments.

## LOCATION

SDMCET is located in Dharwad, along the Poona-Bengaluru National Highway-4.

The institute is spread over more than 60 acres of land surrounded by a beautiful picturesque view and is isolated from the densely populated area thus being conducive for academic activities. It is well connected by road, rail and air to major cities in India. Dharwad is the cultural city of Karnataka and is an excellent educational hub.

## ABOUT THE SEMINAR

Energy is one of the key drivers for the development. There is an acute demand for more reliable power supply. One third of the population is not yet connected to any grid. India's priority is economic growth and to alleviate poverty. Thus, nuclear energy is an essential option to satisfy India's and the world's future energy needs. Further, India has an installed electricity generation of 274 GW. Presently it requires 1100 billion kWh of electricity, which may go up to 2,118 billion kWh by 2020-22. It is reasonable to achieve the energy needs from a number of sources. Nuclear power is a resource of clean, reliable, sustainable and cost effective energy. The compelling merits of nuclear power make it an inevitable option for addressing our nation's long term energy needs.

Presently NPCIL is operating 21 Nuclear Power Reactors at six different sites across the nation with an installed capacity of 5680 MW. The country aims to produce 10,080 MW by 2017 using pressurised heavy water reactors, plutonium fast breeder, thorium reactors and

imported reactors, all of which pose no threat of radiation.

This conference is planned with the objectives namely-

1. Basics of Nuclear Physics
2. Aspects of Future of Nuclear Energy in India
3. Indigenous Nuclear Reactor
4. Fuel Fabrication
5. Reprocessing of Fuel
6. Regulations and safety

## RESOURCE PERSONS

- **Shri K. R. Mohan Ram,**  
Scientific Officer-G, NPCIL, Kaiga
- **Shri Sangameshwar S. Managanvi,**  
Scientific Officer-G, NPCIL, Kaiga

## TARGET AUDIENCE

Research scholars, PG students, Faculty Members from Engineering Colleges and Practicing Engineers.

## NO REGISTRATION FEES

The interested persons are required to download the brochure from [www.sdmcet.ac.in](http://www.sdmcet.ac.in) and send the filled in registration form duly signed by the Head of the Dept. /Institution to the coordinator.

## IMPORTANT DATES

**Last date for registration: 10<sup>th</sup> August 2016**

**Date of seminar: 20<sup>th</sup> August 2016**