REGISTRATION FORM FOR
THREE DAY WORKSHOP ON
NANOFLUID APPLICATIONS FOR HEAT
TRANSFER AND ENERGY SYSTEMS &
simulation using CFD (NFAHTES – 2016)
Sponsored by TEQIP PHASE-II- CoE

Name :
Category : Industrial/R&D/Acad./Student
Address for Correspondence:
Email (Mandatory) :
Tel/ Mobile No :
Accommodation : Yes/ No
Registration Fees :
DD No. and Date :
Bank Name/ Branch :

Signature of participant

Declaration of Sponsorship
Dr./Mr./Mrs./Miss
is here by recommended as a candidate for participation in
above mentioned workshop organized by Centre for
Nanotechnology, AUCE (A), Andhra University,
Visakhapatnam from 27th to 29th September 2016

Date: Official Seal
Signature of the Head of the
Institute/Industry/R & D Org

CHIEF PATRON
Prof. G. NAGESWARA RAO
Honorable Vice-Chancellor
Andhra University

PATRON
Prof. V. UMA MAHESWARA RAO
Registrar, Andhra University

CHAIRMAN
Prof. P.S. AVADHANI
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A.U. College of Engineering (A), Andhra University

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Vice-Principal
A.U. College of Engineering (A), Andhra University

CONVENER
Prof. K. RAMJI
Coordinator, Centre for Nanotechnology
A.U. College of Engineering (A), Andhra University

ORGANIZING COMMITTEE
Centre for Nanotechnology Faculty, Staff, Scholars
and Students

VENUE
Centre for Nanotechnology
A.U. College of Engineering (A), Andhra University.

ELIGIBILITY & SELECTION CRITERIA

This three day Workshop is open for faculty of
Engineering/ Polytechnic colleges, persons from Industries,
R&D organizations, PG Students and Research scholars.
Selection will be made on first come first serve basis.
WORKSHOP INTRODUCTION
The aim of this workshop is:
- To expose faculty, scholars and students to the recent developments in nanofluids in heat transfer analysis and to familiarize them with numerical methods and simulation.
- To have an exposure to solar cells and fuel cell technologies in research and industry.
- To train and demonstrate ICEM-CFD software.
- To carry out research in scientific and systematic manner and to familiarize with the dimensions and methods of research.
- To have interactive sessions with the experts in that particular field of research and industry.
- To orient the scholars to make an informed choice from the large number of alternative methods and experimental designs available.

TOPICS TO BE COVERED
- An Introduction to nanofluids
- Application of nanofluids in machining
- Usage of nanofluids in different energy efficient systems
- Numerical studies on conjugate heat transfer performance of micro-channel using nanofluids
- Heat transfer enhancement using nanofluids
- CFD of Heat Transfer applications in energy systems
- Carbon nanotubes and its various applications
- Next generation solar cells
- CIGS as an absorbing layer for photovoltaic applications
- Perovskite, Quantum-dot, Dye-solar cells
- Fuel cells and its applications
- Hands on Training ICEM-CFD software training

WORKSHOP HIGHLIGHTS
- Exposure to research on nanofluids in heat transfer applications
- Interactive lecture sessions
- Familiarize with the numerical simulation of nanofluids
- Exposure to carbon nanotubes applications and fuel cell technology
- Future prospects of solar cells in research and industry
- Hands on training ICEM-CFD software
- CFD of Heat Transfer applications in energy systems
- Importance of Solar energy in present scenario
- Career guidance by experienced faculty

RESOURCE PERSONS
1. Prof. Prasad Patnaik B.S.V, IIT Madras
2. Dr. K Venkata Subbliah, IIT Hyderabad
3. Dr. S Suresh, NIT-Trichy
4. Dr. V Vasu, NIT-Warangal
5. Dr. K Kiran Kumar, NIT-Warangal
6. Dr. P K Jain, ARCI, Hyderabad
7. Dr. B V Sarada, ARCI, Hyderabad
8. Dr. Easwaramoorthy Ramasamy, ARCI, Hyderabad.
9. Dr. V Ganapathy, ARCI, Hyderabad.
10. Prof. S V Naidu, Professor, AUCE(A), Visakhapatnam.

HOW TO APPLY
Interested persons may send the scanned copy of registration form duly filled and signed by the Head of the Institute/ Industry/ R & D organization in the format given and send it to auceacnt.au@gmail.com before the last date to Prof. K Ramji, Convener, Centre for Nanotechnology, AUCE (A), Andhra University, Visakhapatnam -530003, AP, India. As the intake is limited and the selection is based on ‘first come first serve’ basis, we urge you to apply well in advance or on before 26.09.2016.

IMPORTANT DATES
Last date for receiving registration forms : 26-09-2016
Workshop Dates : 27th to 29th September, 2016

REGISTRATION FEE
- Participants from Industry and R & D Organization Rs 1500/-
- Faculty from Academic Institutions& Research scholars Rs. 750/-
- UG and PG Students ------------------------------- Rs. 500/-

Registration fee should be paid through DD in the name of Principal, AUCE(A), Payable at Visakhapatnam.

Note : Registration fee includes workshop kit, study/lecture material, refreshment and lunch for 3 days during the course. Accommodation, Breakfast and Dinner to be borne and made their own arrangements by the participants only.