Whom will the course benefit?
Faculty members teaching Solid Mechanics at post-graduate level and practicing engineers interested in solid mechanics subject.

Course Objective:
To provide an in-depth understanding of solid mechanics to enable better teaching and better applications of the concepts.

Course Contents:
- Brief introduction to Tensors
- Kinematics (Lagrangian/Eulerian) strain measures
- Dynamics (Balance Laws, Cauchy Principle, Stress Tensor)
- Constitutive Laws for Linear Elasticity
- Example applications to Torsion/Bending of Beams

Eligibility:
The course is meant for faculty of engineering colleges recognized by All India Council for Technical Education (AICTE), National Institutes of Technology (NIT’s) and National Institute of Technical Teachers’ Training & Research (NITTTRs). Selected teachers will be paid TA at actual subject to the limit of Three tier AC train/bus fare by the shortest route from the place of work to Bengaluru and back. However, the maximum TA payable is Rs.3000/-.
They will be provided with a daily allowance of Rs.500/- (for 5 days only) towards boarding and lodging as per QIP rules, and will be supplied with the course materials. The lodging charges will be Rs.300/- per day. Local participants will be paid DA @ Rs.150/- per day for 5 days.

In addition, a few seats are available for non-sponsored (self-support) teachers, scientists from research labs, practicing engineers from industries and other interested persons on payment basis as under.

Course Fee:
Academic Institutes, Govt. R&D Labs: 10,000 INR
Private Industries : 15,000 INR

This will entitle them to participate in the course and receive the course material. Single room accommodation is available on the Institute campus at the Hysala House. The participants have to request in advance along with the registration form for such accommodation. The lodging charges will be Rs.1000/- per day, for self-support college teachers and Rs.1500/- per day for Industry participants, subject to availability of accommodation.

Faculty:
Prof. Chandrashekhar S. Jog, Mechanical Engineering, Indian Institute of Science (IISc.) will deliver the lectures.

Eligibility:
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10. Course taught/professional responsibilities
……………………………………………………………
……………………………………………………………
……………………………………………………………
……………………………………………………………

11. Accommodation required
Yes / No

12. Self-support candidate:
    Academic Institutes, Govt. R&D Labs: Rs. 10,000
    Private Industries: Rs. 15,000

Demand Draft No. ……….. dated ………..

I agree to abide by the rules of the QIP courses. 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 QIP Short Term Course on “Solid Mechanics” to be held during 1-5 May 2017 at the Indian Institute of Science, Bengaluru, if selected. He/she will be granted necessary leave of absence.

It is certified that our college is recognized by AICTE Order No:………………Date:……………..

Place:
Date:
Signature of Head of the Department

Signature and Seal of the Principal of the Institution

(Xerox copy of this form may also be used)

Intending participants may use the attached application form or a xerox copy of the same. Applicants from AICTE recognized colleges, NIT’s and NITTTRs are required to submit their applications sponsored by their colleges.

Non-sponsored (self-support) teacher applicants should send their application along with a DD for the course fee drawn in favor of “Registrar, Indian Institute of Science, Bengaluru - 560012” payable at Bengaluru. The course fee will be Rs. 10,000 for participants from academic institutions and government research labs, and Rs. 15,000 for participants from other organizations.

Deadlines:

Receiving completed applications: 07 April 2017

Intimation of selection: 10 April 2017

Please mail the filled-in application form to:

The Officer-in-charge
Centre for Continuing Education
Indian Institute of Science
Bengaluru - 560 012
Telephone: 080-23600911, 22932055
Email: so@cce.iisc.ernet.in/
      office@cce.iisc.ernet.in

To reach on or before: 07 April 2017

QIP Short Term Course On
“SOLID MECHANICS”
1-5 May 2017

Coordinator
Prof.Chandrashekhar.S.Jog
Dept. of Mechanical Engineering

Sponsored by
AICTE, NEW DELHI

Centre for Continuing Education
Indian Institute of Science
Bengaluru – 560 012
http://www.cce.iisc.ernet.in