REGISTRATION
Applicants shall submit the duly filled application form alongwith Demand Draft in favour of ‘The Principal, Sinhgad College of Engineering,’ payable at Pune either by post or in person to the Co-ordinator.

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
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</thead>
<tbody>
<tr>
<td>1. Applicants from academic institutes</td>
<td>Rs.2000/-</td>
</tr>
<tr>
<td>2. Applicants from industries</td>
<td>Rs.3000/-</td>
</tr>
</tbody>
</table>

COURSE CONTENTS:
- Industrial Metrology: An overview and current trends
- Coordinate measuring machine (CMM) and its application
- Optical 3D measurements & speckle metrology
- 3D surface metrology
- Uncertainty in measurements.
- Geometrical tolerances.
- Precision mechanical measurements.
- Precision measurements and errors.
- Calibration & NABL certifications.
- Emergence of dimensional micro and nano metrology.
- Data acquisition and SPC analysis.
- Statistical tools for data analysis.
ABOUT SCOEE & PRODUCTION ENGG.
DEPARTMENT
Sinhgad College of Engineering was established in the year 1996. The college offers eight AICTE approved degree courses in engineering – Production, Mechanical, Computer, E&TC, IT, Civil, Chemical and Biotechnology. This institute has been selected for participation in Second phase of *Technical Education Quality Improvement Programme*. The Production Department, established in 1999 has already been accredited by NBA. The department boasts of having highly qualified & experienced staff with good Infrastructural facilities. The Department has several ongoing research projects sponsored by University of Pune. In the past, researches under AICTE have also been carried out. Many faculty members are pursuing PhD programmes at present.

COURSE OBJECTIVE:
The objective of this course is to enhance core competencies including fundamental knowledge and hands-on skills in precision measurements, metrology of the faculty members, who teach and practise the subject Metrology & Quality Control in various universities/industries in the field of mechanical and production engineering.

WHO CAN PARTICIPATE
Faculty members and technical staff from Engineering/Polytechnic colleges, Professionals from Industries and Research Organisations, etc having interest in the subject can participate.

HOW TO APPLY
The completed application form should reach the Co-ordinator on or before 10th Nov. 2012. Selected candidates will be informed by e-mail / phone for attending the course. The admission for the course will be on first come first serve basis.

ACCOMODATION AND TRAVEL
The external participants will be provided with limited paid accommodation in college campus, if they intimate the co-ordinators in advance by email.

No TA/DA will be given to the participants

RESOURCE PERSONS
The course will be conducted by eminent faculties from IIT, DIAT & experts from industries in the area of metrological measurements.

SINHGAD COLLEGE OF ENGINEERING
DEPARTMENT OF PRODUCTION ENGINEERING
One Week faculty development programme on
RECENT TRENDS IN PRECISION MECHANICAL MEASUREMENTS
(Under TEQIP-II)
26th Nov. – 1st Dec. 2012

APPLICATION FORM

Name :
Designation:
Department:
Institution :
Qualification:
Experience :
Address for Communication :
E-mail address:
In Campus Accommodation required- YES/NO
Mobile No :
Phone No. :
Place: Signature of the Candidate
Date: Signature & seal of sponsoring authority