



SINHGAD TECHNICAL EDUCATION SOCIETY'S
SINHGAD COLLEGE OF ENGINEERING

[Affiliated to University of Pune & Approved by (AICTE) (ID No. PU/PN/Engg./116 (1996)]

S. No. 44/1, Vadgaon (Bk.), Off Sinhgad Road, Pune - 411 041.

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Prof. M. N. Navale
M.E. (Elect.) MIE, MBA
Founder - President

Dr. Mrs. Sunanda M. Navale
B.A., M.P.M., Ph.D.
Founder Secretary

Dr. S. D. Lokhande
M.E., Ph.D.(Electronics Engg.)
Principal

Dear Sir / Madam,

Warm Greetings from Sinhgad College of Engineering, Pune

I am pleased to inform you that the Department of Mechanical Engineering of Sinhgad College of Engineering, Vadgaon (Bk), Pune is organizing one week Faculty Development Programme (FDP) titled 'Automotive Emissions and Control Technologies' on 8 – 12th October 2012 under Technical Education Quality Improvement Programme (TEQIP – II).

In this regard, we request you to inform the programme details to the faculty from your department. You can depute minimum two faculty members of your department to participate in the programme. The leaflet of the programme and Resource person list is attached herewith for your information and necessary action.

Look forward to your wholehearted support and cooperation

With warm regards,

Dr. Harish V. Vankudre
Head – Department of Mechanical Engineering
Vadgaon (Bk), Pune – 411 041



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Head, Department of Mechanical Engineering.

Dr. S. B. Wadkar

Nodal Officer(Academics)- TEQIP- II

Dr. Yogesh Aghav

Sr. GM, CRE,KOEL, Pune

◆ **Co-ordinator** ◆

Prof. Sudarshan. B. Sanap

Assistant Professor

Department of Mechanical Engineering

Email: ssudarshan1@rediffmail.com

09822308171

REGISTRATION FEE:

Faculty from academic institutions Rs. 3000/-

Delegates from industry Rs. 4000/-

Research scholars/PG students Rs. 1500/-

The registration fee includes admission to all sessions, kit, proceeding (soft copy), Lunch and Snacks.

REGISTRATION:

Participants shall submit the duly filled application form either by post or in person to the Co-ordinator. Course fee should be paid by Cheque/DD/Cash in the name of "The Principal, Sinhgad College Of Engineering" Payable at Pune

ACCOMODATION AND TRAVEL:

The external participants will be provided with paid accommodation in college campus, if they intimate the co-ordinator in advance either by email or telephone.

No TA-DA will be given to the participants.

RESOURCE PERSONS:

Expert and Senior Faculty from ARAI, KOEL, MICO-BOSCH, EATON, TATA MOTORS, Pune

MAILING ADDRESS

To,

Prof. Sudarshan. B. Sanap

The Co-ordinator (AECT-2012),

Department of Mechanical Engineering,

Sinhgad College Of Engineering,

S. No. 44/1, Vadgaon (Bk.),

Off Sinhgad Road,

Pune-411 041

Sinhgad Technical Education Society's®

SINHGAD COLLEGE OF ENGINEERING
PUNE-411 041



Department of Mechanical Engineering
ORGANISES

ONE WEEK FACULTY DEVELOPMENT
PROGRAMME
ON

**AUTOMOTIVE EMISSION AND
CONTROL TECHNOLOGIES**
(AECT 2012)

8-12, OCTOBER 2012

Under

Technical Education Quality Improvement Programme
(TEQIP - II)

STES's

SINHGAD COLLEGE OF ENGINEERING

S. No. 44/1, Vadgaon (Bk),

Off Sinhgad Road, Pune- 411 041 (Maharashtra)

Telephone: 020-24354705, 24100231

Fax : 020-24357243

Email: principal.scoe@sinhgad.edu

ABOUT STES

Sinhgad Technical Education Society was set-up in August 1993 under the able and dynamic leadership of Prof. M. N. Navale with an objective of providing quality education in the fields of Dentistry, Engineering, Management, Computer, Pharmacy, Architecture, Hotel Management, Science, Commerce and the basic school education from kinder garden onwards. There are more than 80 institutes under the aegis of STES offering full-fledged school education, Diploma, Graduation, Post Graduation courses and Ph.D. programmes in various branches of Engineering, Science and Management at eight educational campuses ideally located in pollution free lush green and picturesque environment conducive for learning.

ABOUT SCOE

Sinhgad College of Engineering (SCOE) was established in the year 1996 – 1997 offering degree courses in Information Technology, Computer, Electronics & Telecommunication, Mechanical, Chemical, Civil Engineering, Production Engineering, Biotechnology and MBA. All the above courses are approved by All India Council Of Technical Education (AICTE), accredited by National Board of Accreditation (NBA), New Delhi and affiliated to University of Pune. The Directorate of Technical Education (DTE), Maharashtra State, Mumbai has awarded "A" grade to the college. This Institute has been selected for participation in the Second phase of Technical Education Quality Improvement Programme (TEQIP-Phase-II).

SCOE is the youngest institute in Maharashtra to start Ph.D programmes.

LOCATION OF THE INSTITUTE:

The society has about 75-acre campus at Vadgaon(Budruk), Pune. This expanse of land, which is at picturesque hill top looking over a scenic beauty of western part of Pune City and is pollution free. This is about 8 km from Deccan Gymkhana(in Pune City) and approximately one km from Mumbai- Bangalore bypass high way at Sinhgad road. Bus No. 48 from Pune Station and Shivajinagar, Bus No. 54 from Swargate & Shaniwarwada and Bus No. 92 from Kothrud reach directly to the institute.

COURSE OBJECTIVE:

Automotive Emissions and its Control is a very relevant topic today. Scenario for future energy production, energy consumption, growth of population and trade are considered as major drives for emission legislation. The propulsion chain from energy via fuel and drive train is considered as a coupled system and innovation or breakthrough in one area will change the competitiveness for technologies in other areas. This programme covers some of the aspects of automotive emissions formation and means and modes of their control.

COURSE CONTENTS:

- Automotive Emission and Regulations
- Vehicle Control Technologies
- Engine Materials Tribology
- Fuel Injection System
- Transmission System
- Advances in I.C.Engine
- Exhaust Gas Recirculation
- Urea Injection
- In-cylinder emission control
- After treatment devices
- Catalysis and kinetics
- Mathematical Modelling of I.C.Engine
- CAE

WHO CAN ATTEND

Faculty from AICTE approved Engineering colleges, Industry Representatives, Research scholars, Post graduate student in Engineering can participate.

REGISTRATION

ONE WEEK FACULTY DEVELOPMENT
PROGRAMME ON

AUTOMOTIVE EMISSION AND CONTROL TECHNOLOGIES (AECT 2012)

"OCTOBER, 8-12, 2012"

1. Name: _____
2. Designation: _____
3. Department: _____
4. Institute / Organization: _____
5. Address for Correspondence: _____
- Phone: _____ Mobile No: _____
- Email: _____
6. In Campus paid Accommodation needed-
YES / NO _____
7. Details of Registration Fee (DD must be drawn In
favour of Principal, Sinhgad College of Engineering,
payable at Pune
Amount: _____ DD No: _____

Bank name: _____

Date & Place: _____

Sign of Participant

Sign & Seal of Sponsoring
Authority

STES Sinhgad College of Engineering, Pune – 41

One Week Faculty Development Programme (FDP) on

AUTOMOTIVE EMISSION & CONTROL TECHNOLOGIES

8-12 October 2012

Resource Persons

Mr.Rajendra Bhamare ACP, Pune	Dr. N.V.Marathe Sr. Dy. Director,ARAI,Pune
Dr.Yogesh Aghav Sr.GM,CRE, Kirloskar Oil Engines Ltd.,Pune	Dr. Bhalchandra Deshmukh Head: Off Highway Application Engineering Kirloskar Oil Engines Ltd.,Pune
Dr. S. S. Thipse Asst. Director,ARAI,Pune	Dr.S.V.Joshi Principal, Dr. D. Y. P. COE. Pune
Mr.Lalitikumar Suryawanshi GM, Engg. and Services, Cummins Turbo Technologies, Pune	Mr. Sanjay Chopane Manager-Engineering (Automotive Valve Train & FEPC) Eaton Technologies Pvt. Ltd.
Dr. Bagchi H. Professor, SCOE, Pune	Dr. J. L. Minase Asst. Professor, SCOE Pune
Mr.Kedar Kanase Sr. Manager, Corporate Research and Engineering Kirloskar Oil Engines Ltd.,Pune	Mr. Sahadev Panch GM MICO-BOSCH,Pune
Dr. D. N. Malkhade Professor, COEP, Pune	Mr. S. D. Rairikar Sr. Project Engineer, ARAI, Pune
Dr. C.S.Pathak Professor, SCOE, Pune	Mr. P.G.Bhat Asst. Director, ARAI, Pune
Mr.Prashant Gangurde DGM, ERC, Engine TATA Motors, Pune	Mr.M.D.Peshve GM, ERC, Engine TATA Motors, Pune