

STES Sinhgad College of Engineering, Pune – 41
Department of Mechanical Engineering
One Week Faculty Development Programme (FDP) on

AUTOMOTIVE EMISSION AND CONTROL TECHNOLOGIES

8-12 October, 2012

Programme Schedule

Venue – SIOM & Mechanical Engineering Seminar Hall

Time	Session	Resource Person	Organization
DAY-I (Monday) 8-10-12			
9.00AM-10.00AM	Registration		
10.00 AM -10.30 AM	Inauguration- Mr. Rajendra Bhamare ACP(Traffic), Pune		
Tea-Break			
10.45 AM-11.45 AM	Key Note address	Mr. N. V. Marathe	ARAI, PUNE
11.45AM-1.30 PM	Challenges in Modern Engine Development	Dr. Yogesh Aghav	KOEL, Pune
Lunch-Break			
2.30PM - 4.30 PM	Overview of Indian Emission Legislation and Strategies required to meet	Mr. P. G. Bhat	ARAI, Pune
DAY-II (Tuesday) 9-10-12			
9.00AM - 9.30 AM	Tea - Break		
9.30AM - 11.25 AM	Recent Developments in Natural Gas Engine	Dr. S. S. Thipse	ARAI, Pune
Tea-Break			
11.35AM - 1.30 PM	In-cylinder Emission Control	Dr. S. V. Joshi	Dr. D. Y. P. COE, Pune
Lunch-Break			
2.30PM - 4.30 PM	Regulatory Framework for Gaseous Fuels in India	Mr. S. D. Rairikar	ARAI, PUNE
Tea - Break			
4.30PM - 5.30 PM	Tribo Characteristics of Engine Components under Lubrication Contaminated with EGR	Dr. H. Bagchi	SCOE, Pune
DAY-III (Wednesday) 10-10-12			
9.00AM - 9.30 AM	Tea - Break		
9.30AM -11.25 AM	Advanced Combustion Techniques and Emission control for Diesel Engines	Dr. Bhalchandra Deshmukh	KOEL, Pune
Tea-Break			

11.35AM -1.30 PM	Turbo-charging Technologies for Diesel Engines	Mr. Lalitkumar Suryawanshi	Cummins Turbo Technologies
Lunch-Break			
2.30PM - 4.30PM	Role of Fuel Injection system in Emission Control	Mr. M. R. Gopalkrishna	BOSCH
Tea - Break			
4.30PM -5.00 PM	Emission: Basics and Principles	Mr. Girish Oak	HORIBA India Pvt.ltd.
DAY-IV (Thursday) 11-10-12			
9.00AM - 9.30 AM	Tea - Break		
9.30AM - 11.25 AM	Fuel Injection System and Emission Trends for Off-highway market	Mr. S. Kabilan	STANADYNE
Tea-Break			
11.35AM -1.30 PM	A basis for Engine life estimation and influence of Bearing Design and Technology	Mr. Kedar Kanase	KOEL ,Pune
Lunch-Break			
2.30PM - 4.30 PM	Advanced Valve Train and Supercharging Technologies to Improve Vehicle Emission Performance.	Mr. Sanjay Chopane Mr. Sandip Kumar	Eaton Technologies Pvt. Ltd.
Tea - Break			
4.30PM -5.00 PM	Re-designing Diesel Engine Intake Manifold for Emission Control	Dr. C. S. Pathak	SCOE, Pune
5.00PM -5.30 PM	Implementation of Control Technology using MATLAB and Simulink	Dr. J. L. Minase	SCOE, Pune
DAY-V (Friday) 12-10-12			
9.00AM -9.30 AM	Tea-Break		
9.30AM -10.30 AM	Fuel Economy and CO ₂ Reduction. Leveraging Virtual & Real World Testing	Franz Murr	AVL India Pvt. Ltd, Pune
10.30AM -11.25 AM		Kurt Engeljehringer	
Tea-Break			
11.35AM-1.30 PM	Model based Control of I.C. Engine	Dr. D. N. Malkhade	COEP, Pune
Lunch-Break			
2.30-3.30 PM	Key Note address	Mr. M. D. Peshave	TATA MOTORS
3.30-4.30 PM	Valedictory Function		

