Engine Emission & Control

3 Day Proficiency Improvement Programme on

REGISTRATION FORM

Name, Designation, Dept., Office No., Mobile No. & Email ID :

Delegate - 1
Delegate - 2
Delegate - 3

Company Name & Address

Co-ordinator’s Name, Designation, Contact No., Email ID

100% Advance Payment Details

Please email/post duly filled-in registration form on or before 15th February 2019.

The Automotive Research Association of India (ARAI-FID, Chakan, Pune)
Plot No.8-16/1, MIDC, Chakan, Taluka: Khed, Dist: Pune 410 501.
18th to 20th February 2019 (Monday to Wednesday)

Jointly Organized by
ECARI
Progress through Research

Training Delivered by Industry Experts
BACKGROUND & OBJECTIVES

In today’s competitive world, the automotive industries have faced inevitable challenges to confirm strict emission norms. For this, research institutes like ARAI, Engine & Emission Control Experts, After Treatment Device Manufacturers and OEMs have done extensive work in this direction. With BSVI norms being implemented by 2020, engineers should be updated with the latest technologies for engine emission management & control.

This programme has been designed for the automotive professional, to understand crucial role of powertrain, emission measurement & control.

WHO SHOULD ATTEND ?
- Vehicle / Engine Manufacturers
- Organizations involved in Automotive Research, Design & Development and Testing & Certification
- After-treatment Device Manufacturers
- Emission Measurement & Control Engineers
- RTO / Environmentalists Engineering / Consulting Companies
- Professors / Engineering Students

PROGRAMME

Day One
9.30 - Registration
9.30 - Inauguration & Welcome Address
10.00 - Overview of Emission Scenario
11.30 - Sources of Emission & Effect on Health
12.30 - Combustion & Control
13.15 - Lunch
14.00 - Combustion & Control (Contd.)
16.15 - Conclusion

Day Two
09.00 - Emission Standards & Measurement Techniques for Vehicles including 2 & 3 Wheelers
10.00 - CO2 Emission & Control
11.30 - Ceramic Substrates for After-treatment Devices
12.00 - Metallic Substrates for After-treatment Devices
13.00 - Lunch
14.00 - After-treatment Device Canning
15.00 - Catalyst Technology for Diesel After-treatment Devices
16.15 - Conclusion

Day Three
09.00 - Emission Standards & Measurement Techniques for Heavy Duty Engines, Tractors & Gensets
10.30 - NOx and NOx Control Devices
12.00 - Optimization of SCR System
13.00 - Lunch
14.00 - Real Driving Emission (RDE)
15.00 - Written Test
15.30 - Summary, Feedback & Certificate distribution
16.00 - Conclusion

Note: ARAI reserves the right to change the dates, schedule, contents, speakers, venue etc. for the programme without any notice.

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REGISTRATION FEES

Category | Registration Fees (Rs.) (per participant) | Total Fees including Tax of 18% (Rs.) (per participant) |
--- | --- | --- |
Engineers & Professionals | 15,000.00 | 17,700.00 |
Teaching Faculty | 9,000.00 | 10,620.00 |
Engineering College Students | 6,000.00 | 7,080.00 |

PAYMENT DETAILS

Online Transaction: ARAI Account No: 04470200000280
IFS/ RTGS / NEFT Code : BARB0KARVER (0=ZERO)
Single cheque payable at Pune.

ARRIVAL DETAILS

ARRIVAL AT CHAKAN:
- From Pune/Banglore
- From A’Nagar
- From Airport/DRDO Dighi
- From Pune Station/Engg. College
- From 3 Wheelers manufacturers and Off-Road engines in India.

About Emission Controls Manufacturers Association (ECMA) is a nonprofit association. The Association started its function from year 2002. Global Manufacturers of after-treatment systems in the field of Vehicular Pollution Control came together to create a platform in India to share their emission control technologies with the interest of public in large in line with the European and the American after-treatment Manufacturers Association. Accordingly, the eight leading organizations in the field of Emission Control Technology set up and established. It represents world’s leading manufacturers of Emission Control equipment for Automotive and Non-Road engines in India. Our member companies have been operating worldwide and have rich experience and a proven track record in the development, testing and manufacturing of catalytic converters and catalyst/heat tubes for 2 - Wheelers/Cars/LCV’s/HCV’s manufactures and Off-Road application like Generators (Petrol/Diesel). Members’ technology is incorporated in the exhaust emission control system on all new cars and light / heavy commercial vehicles, as well as various two wheelers like scooters, motorcycles and mopeds in India.

ECMA’s Vision : “We are Committed Collaboratively to Lead India towards Cleaner Air”
ECMA’s Mission : “We will work with the Industry, Government, Regulators, Oil Companies and Public at large to be a credible source of knowledge on emission control. We will strive to increase awareness of the need and to provide relevant technical solutions for emission control. We will achieve this through assimilation of technologies for emission control; providing and disseminating knowledge; enabling legislation, implementation and test procedures. Please visit www.ecmaindia.in for more information.”

Training Venue
ARAI-Forging Industry Division, Chakan
B-16/7, MIDC, Chakan, Taluka Ked, District PUNE - 410 501 (INDIA).
Contact No : (02135) 396695 / 690 / 691

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