

**oPIP Overview:**

*In today's competitive world, the automotive industries have faced inevitable challenge of vehicles to confirm strict emission norms. 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 in April 2020, engineers are now needed to move ahead and look beyond for zero emissions with the latest technologies for engine emission measurement & control.*

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

**Learning Outcome:**

- Understand Overview of Emission Scenario
- Familiarize CI & SI Engine Combustion
- Understand CO<sub>2</sub> Emission & Control
- Understand DPF for PM Control
- Understand NOx and NOx Control Devices
- Familiarize Real Driving Emission (RDE)

Candidates with more than 50 % marks in the assessment test are eligible for the certificate.

Note : ARAI reserves the right to change the dates, contents, schedule, etc. for the programme without any notice. No recordings of the training session will be provided. Hence, request to attend all the sessions.

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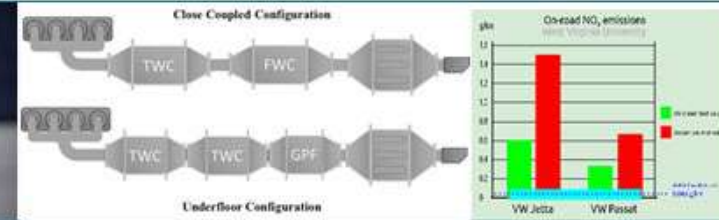
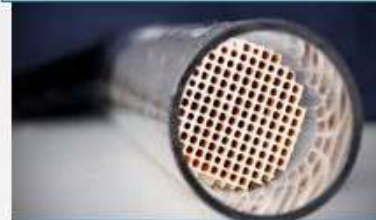
**Registration Fees :**

**03 days  
09 hours**

**Rs.1800 + 18% GST =  
Rs.2124  
(per participant)**

**Mode of Payment: Online Transaction**  
**ARAI Pune Account No: 0447020000280**  
**IFSC/RTGS/NEFT Code: BARB0KARVER (0=Zero)**

Participants whose organization is in SEZ, kindly confirm for GST applicability, before making the payment.



**Schedule from 09<sup>th</sup> to 11<sup>th</sup> November 2020 via Online Platform like ZOOM**

Sr.	Session	Date	Day	Time
1	Inauguration	09-Nov-20	Monday	09:15 -09:30
2	Overview of Emission Scenario	09-Nov-20	Monday	09:30 -10:30
3	CI & SI Engine Combustion	09-Nov-20	Monday	10:30- 12:30
4	CO <sub>2</sub> Emission & Control	10-Nov-20	Tuesday	09:30- 11:00
5	NOx and NOx Control Devices	10-Nov-20	Tuesday	11:00- 13:00
6	DPF for PM Control	11-Nov-20	Wednesday	09:30- 11:30
7	Real Driving Emissions	11-Nov-20	Wednesday	11:30-12:30
8	Quiz & Feedback	11-Nov-20	Wednesday	14:00-15:00
9	Declaration of Toppers & Certificate Distribution	11-Nov-20	Wednesday	15:30-16:00