

*Invited Speakers*

Inauguration on  
15<sup>th</sup> July 2021 at 09:30 by:



**Mr. Harald Mayrhofer,**  
Hybrid Engine Test Systems,  
AVL Graz Headquarters

Valedictory Session  
on 16<sup>th</sup> July 2021 at 11:00 by:



**Mr. K. Siva Kumar,**  
Sr. Manager, RDE+ Application,  
Horiba India Pvt. Ltd.

**Speakers:**



**Mr. Abhay Pratap Singh,**  
Dy. General Manager,  
ECL, ARAI



**Mr. Subhankar Dev,**  
Manager,  
PTE, ARAI



**Mr. Yogeshwar Aher,**  
RDE Project Engineer,  
Horiba India Pvt. Ltd.

*Overview*

With the global challenges with regards to overall pollution levels, legislation worldwide has become stricter to reduce automotive emissions. Real Driving Emissions (RDE) requires emissions testing on a cycle that is representative of a Real-World Usage Pattern (RWUP) for a vehicle. RDE is challenging since it adds different road profiles, altitude & ambient temperature as a new environment for emissions testing, compared to current testing protocols in a lab, which are perfectly reproducible and have no external effects. India has also introduced I-RDE Norms (Indian Real Driving Emissions). The fact that the road is now part of the testing environment brings additional challenges in the development phase.

In this bPIP, we introduce RDE background, regulations, explain testing procedures and post processing with an aim to ensure maximum learning.

*Additional Benefits*



**Free E-learning Course On  
"REAL DRIVING EMISSIONS"**

worth 7000 INR with additional certificate\*

**FREE**

Mr. Aatmesh Jain / Mr. N. A. Deshmukh// Mr. R.M. Patil  
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For registration, please mail to [training.pga@araiindia.com](mailto:training.pga@araiindia.com)

Note: ePIP Exam will be conducted on completion of eLearning course. ePIP Certificates will be given to those who successfully pass the ePIP exam

**Registration Fees:**

For Student: Rs. 1775 + 18% GST = Rs. 2094.50  
For Teaching Faculty: Rs. 2700 + 18% GST = Rs. 3186  
For Industry Professional : 4200 + 18% GST = Rs. 4956

**Mode of Payment: Online Transaction**

ARAI Pune Account No: 04470200000280  
IFS/RTGS/NEFT Code: BARB0KARVER (0=Zero)

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

**10% DISCOUNT if 5 or more delegates are registered from the same organization**

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.