

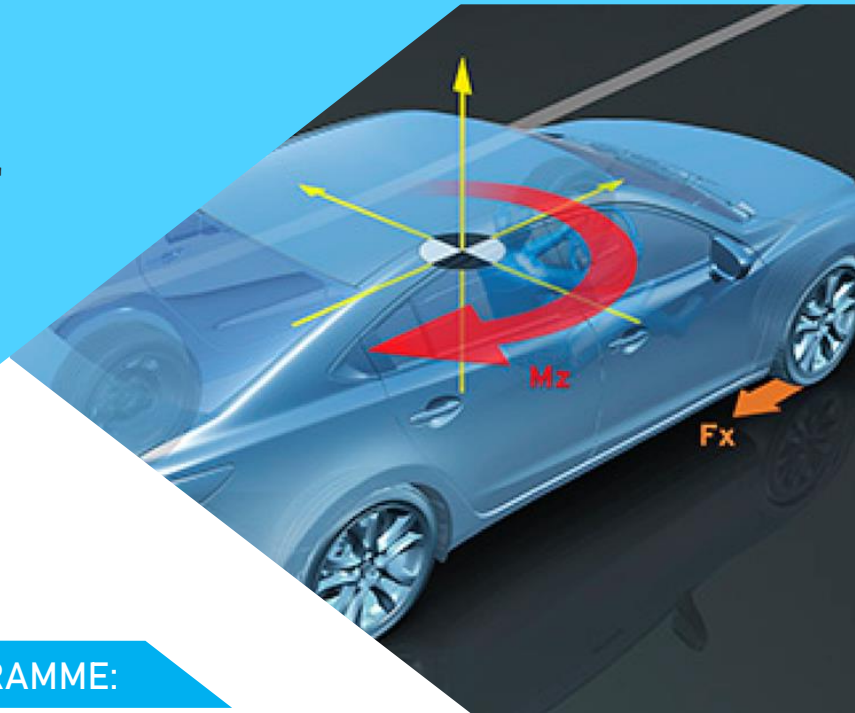
3 DAYS ONLINE PROFICIENCY IMPROVEMENT PROGRAMME (oPIP) ON VEHICLE DYNAMICS



Date:
1st Feb to 3rd Feb, 2022



Platform:
Online (MS Teams)



01 SPEAKERS OF THE PROGRAMME:



Dr. M. R. B. Agrewale,
Manager,
ARAI Academy,
ARAI



Dr. Sakhivel Palanivelu,
Associate Professor,
VIT University,
Vellore



Mr. Jayanth Jaganmohan,
Deputy Manager,
TVS



Mr. Mohit Pandey,
Automotive Research
& Development,
VE Commercial Vehicles Ltd.



Mr. Prasanna Deshpande,
Application Eng. Manager,
MathWorks

*Additionally, speakers from ARAI & other Industries
may get invited.*

02 OBJECTIVES:

In this training programme participant will learn the concepts and mechanisms which govern the actions and reactions in vehicles all the way from how vehicles accelerate, brake, turn and respond to vibrations, also the theory & concepts behind suspension design process including concepts of kinematics and vibration isolation. This training follows application-based approach of learning to educate and offer cutting edge training to prepare participants for the future industry work.

03 SCHEDULE OF THE PROGRAMME:

Day One: 01 st February 2022 (Tuesday)	
Start	Subject
9:30	Fundamentals of Vehicle Dynamics including Vehicle Aerodynamics
11:00	"Vehicle Dynamics & its control: Role of subsystems"
12:30	Conclusion
Day Two : 02 nd February 2022 (Wednesday)	
9:30	2-Wheeler Vehicle Dynamics
11:00	Electric Vehicle Dynamics Study and Analysis
12:30	Conclusion
Day Three: 03 rd February 2022 (Thursday)	
9:30	Virtual analysis of vehicle model in MATLAB
11:00	Dynamic Testing of Vehicle as per Indian Standards.
12:30	Conclusion
Day Four: 04 th February 2022 (Friday)	
14:00	Feedback & Assessment Test
15:30	Conclusion & Declaration of Topper

04 REGISTRATION CONTACT:

Contact Person: Mr. P. A. Diwanji /
Mr. N. A. Deshmukh

Phone: 02135-630795/93/91/90 or
02135-396695/93/91/90

Email: training.pga@araiindia.com;
diwanji.pga@araiindia.com;
nadeshmukh.pga@araiindia.com

Website: www.araiindia.com;
academy.araiindia.com

05 REGISTRATION FEES:

Category	Registration Fees (Rs.) (per participant)	Total Fees including 18% GST (Rs.) (per participant)
Industry Professionals / Teaching Faculty	2700	3186
Students	2025	2389.5

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

06 PAYMENT INFORMATION:

Mode of Payment: Online Transaction

ARAI Pune Account No: 04470200000280

IFSC/RTGS/NEFT Code: BARB0KARVER (0=Zero)

Note: Participants from organization in SEZ must confirm the applicability for GST before making the payment. 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.