



॥ न हि ज्ञानेन सदृशं पवित्रमिह विद्यते ॥
Dr. Vithalrao Vikhe Patil Foundation's

**Dr. Vithalrao Vikhe Patil
College of Engineering Ahmednagar**



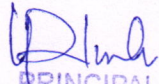
DTE College Code: EN-5161

Department of Mechanical Engineering

Report of Two days online workshop

- Title: CAE Tools and It's Application for Automotive Development
 - Date : 20th & 21st May 2020
 - Time: 7.00 pm to 8.00 pm
 - Organized by: Department of Mechanical Engineering, Dr Vithalrao Vikhe Patil College of Engineering, Ahmednagar.
 - Speaker : Er Shailesh Patil, Tata Technologies, Pune
 - No of Registrations : 1148
-
- **Objective of Workshop:** To make conversant with fundamentals of automobile systems and to analyse the performance of the vehicle.




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Topics Discussed:

Day 1, 20th May 2020

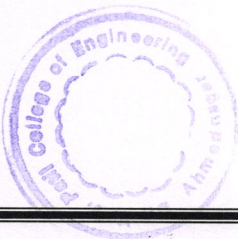
- **Vehicle Terminology**
- **Vehicle Standards (AIS)**
- **New Product Development Process**
- **Challenges In Vehicle Design**
- **Virtual Product Design & Testing (CAD & CAE)**
- **Types of Analysis**
- **Vehicle Life (Durability) Vehicle Safety (Crash),
Vehicle Perception (NVH) , Aerodynamics (CFD)**
- **Various CAE Tools used in Product Development**

Day 2, 21st May 2020

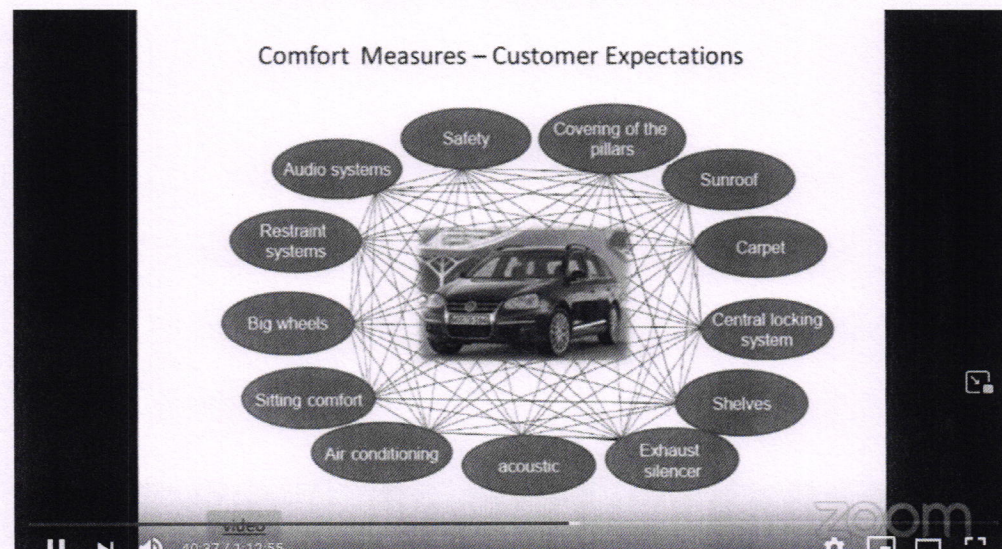
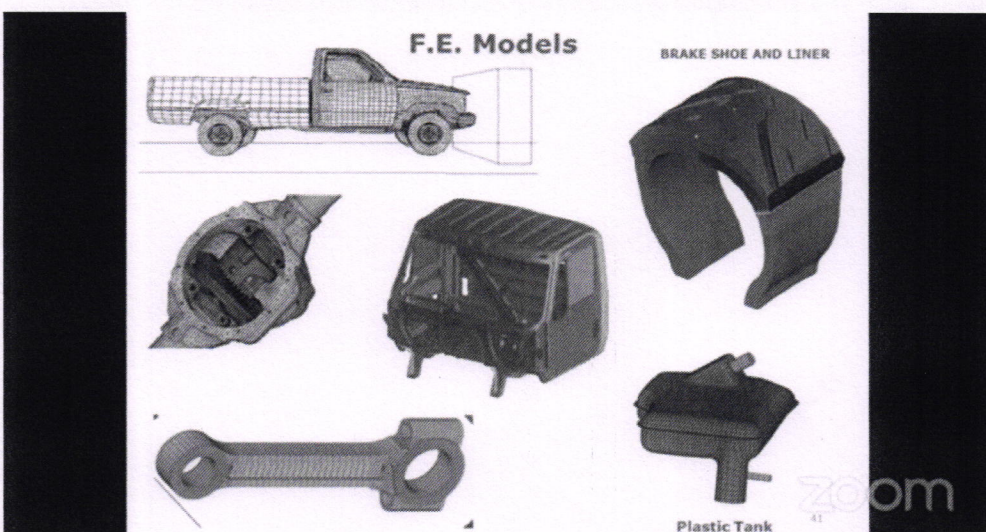
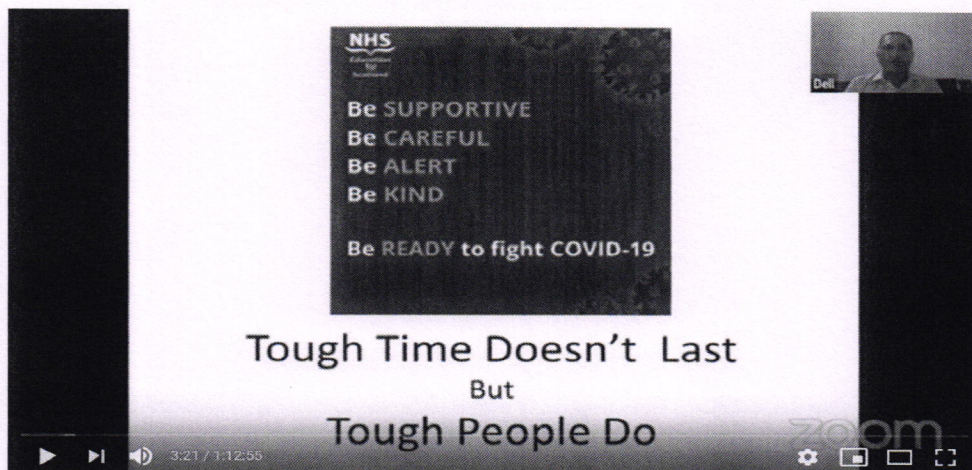
- Types of Analysis
- Static analysis,
- Thermal analysis
- Dynamic analysis
- Fatigue analysis
- Implicit/ explicit analysis
- Product specific analysis
- Workshop banner



- No of Registrations : 1148
- Photographs



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No of Participants, Day 2 (21st May 2020): 778

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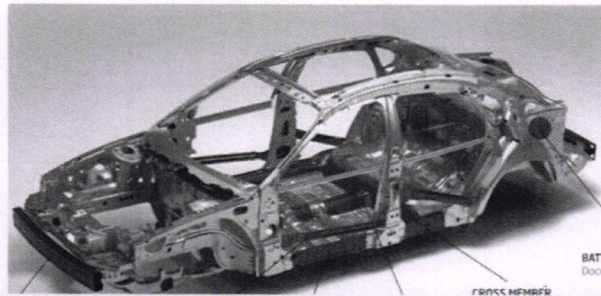


Durability

video



Body In White (BIW)

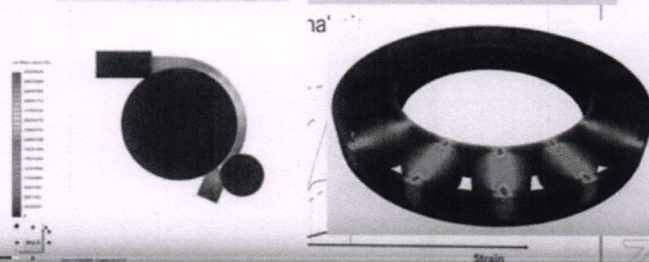
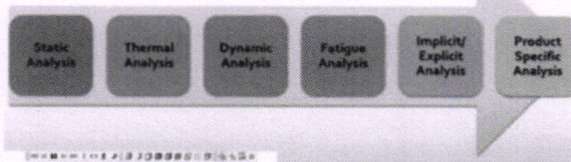


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Types Of Analysis



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zoom

Vehicle Dynamics

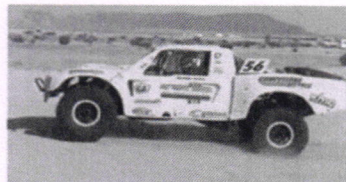
Vehicle Dynamics is the study of a vehicle in motion and how it behaves in motion.

Ride :

A vehicle's ability to smooth out a bumpy/rough road.

Handling :

A vehicle's ability to safely accelerate, brake and corner

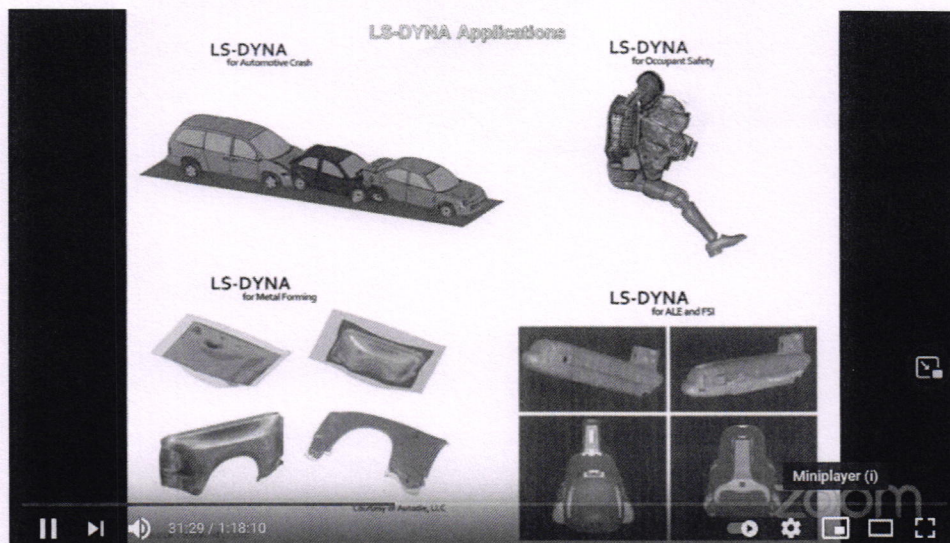


Images courtesy - Google Images

zoom



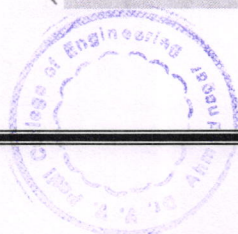
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Registration Details:

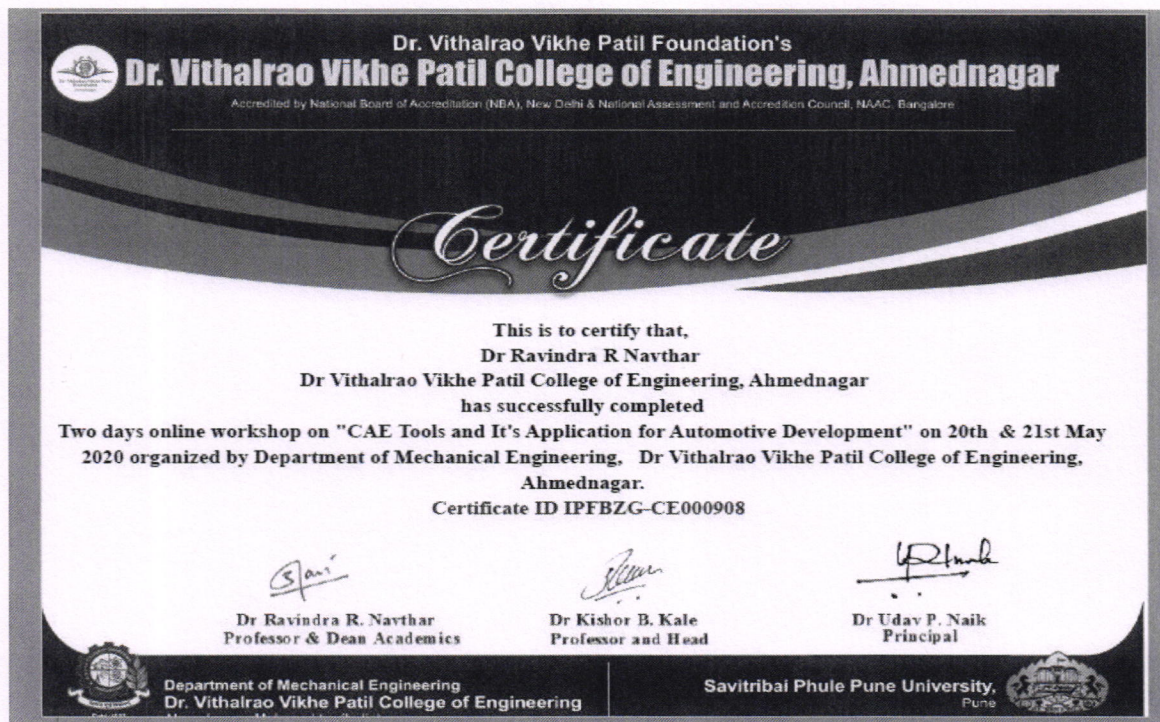
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2	5/10/2020 22:36:55	navthar_mech@pennnagar.com	Ravindra		
3	5/14/2020 19:43:22	rohit.polas@mmi.edu.in	Mr. Rohit Polas	Academician	MMI
4	5/14/2020 20:13:32	nkodarkar@gmail.com	Nakul Kodarkar	Academician	Dr. C
5	5/14/2020 20:13:45	abhijitkadam555@gmail.com	Abhijit Y	Academician	PG I
6	5/14/2020 20:13:55	prashantvahal44@gmail.com	Mr. PRASHANT BALASAHEB VAVHAR	other	P K
7	5/14/2020 20:14:03	yogesh.kalke@dypco.edu.in	YOGESH Kalke	Academician	D Y
8	5/14/2020 20:14:09	agneshsonar006@gmail.com	Agnesh sonar	Student(Diploma/UG/PG	Sank
9	5/14/2020 20:14:36	ganeshjadhavmech@gmail.com	Ganesh Bhimrao Jadhav	Academician	San
10	5/14/2020 20:14:57	sanjay.narayankar@pccoeer.in	Sanjay M. Narayankar	Academician	SAN
11	5/14/2020 20:14:59	bvarade@gmail.com	Bhaskar Vithoba Varade	Academician	RH
12	5/14/2020 20:15:10	sheternmegha23@gmail.com	Ms Megha Madan Shete	Academician	PES
13	5/14/2020 20:15:26	amolme2019@gmail.com	More A J	Academician	AISS
14	5/14/2020 20:15:33	malodeaniket2000@gmail.com	Aniket Malode	Student(Diploma/UG/PG	Sank
15	5/14/2020 20:15:39	kolhebp@gmail.com	Kolhe Bhausaheb Parashram	Academician	SGC
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17	5/14/2020 20:15:41	vikorshetti@gmail.com	Vijaykumar Vitthal Korsetti	other	SVS
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20	5/14/2020 20:15:52	nmhagatkar.bcoer@gmail.com	Prof. Mohit Murlidhar Bhagatkar	Academician	TSSI
21	5/14/2020 20:16:28	anant.kurhade@pccoeer.in	ANANT SIDHAPPA KURHADE	Academician	Ping
22	5/14/2020 20:16:53	harshal.aher5@gmail.com	Aher Harshal Ramesh	Academician	SND
23	5/14/2020 20:16:11	vikram.ukirde5@gmail.com	Vikram Umakant Ukirde	Academician	JSPI
24	5/14/2020 20:16:27	svmusane@dypcoekurdi.ac.in	MUSANE SHEKHAR VV.	Academician	D Y
25	5/14/2020 20:18:31	pkarandikar04@gmail.com	PRATIBHA M. KARANDIKAR	Academician	Prav
26	5/14/2020 20:18:44	dattatrayg218@gmail.com	Dattatray Sopan Ghorpade	Academician	Dr V
27	5/14/2020 20:18:48	mikanulmani001@gmail.com	ARULMANI M	Academician	Mutt
28	5/14/2020 20:19:00	balasvrao@gmail.com	balasvrao	Academician	Dr. D

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1	Timestamp	Email Address	Name of Participant	Profession	Name of Organization, Cc City	State	Mobile Number (Whatsapp Number)	
1125	5/20/2020 17:17:55	gauravurkar26@gmail.com	VARULKAR GAURAV SHYAMKANT	Student(Diploma/UG/PG	Govt. Polytechnic Jalgaon Yawal	Maharashtra	9561242259	
1126	5/20/2020 17:18:33	shimpi1109@gmail.com	Jayesh Anil Shimpi	Student(Diploma/UG/PG	MITAOE, Alandi - Pune 4	Maharashtra	9156100188	
1127	5/20/2020 17:21:01	devendramahajan005@gmail.com	Devendra Shamrao Mahajan	Student(Diploma/UG/PG	SSBTs COET Bambhori, Jalgaon	Maharashtra	8956068772	
1128	5/20/2020 17:23:06	tusharC.2000@gmail.com	Tushar Shreekanth Chaudhari	Student(Diploma/UG/PG	SSBT COET BAMBHORI Jalgaon	Maharashtra	7218102572	
1129	5/20/2020 17:58:26	ketanale152000@gmail.com	Ketan Vasudeo Talele	Student(Diploma/UG/PG	J.T. Mahajan College of En Jalgaon	Maharashtra	9561308612	
1130	5/20/2020 18:06:05	jayeshbhargale2001@gmail.com	Jayesh Chandrakant Bhargale	Student(Diploma/UG/PG	PVGS COET PUNE Chinchwad, Pune	Maharashtra	+919325548909	
1131	5/20/2020 18:11:00	gaurav7709ga@gmail.com	Gaurav Bhimrao Galkwad	Industrial personnel	General Electric Chalgaon(M. Ct)	MAHARASHTRA	7620562609	
1132	5/20/2020 18:18:22	prathameshkhairam2611@gmail.com	Khairam Prathamesh Hirai	Student(Diploma/UG/PG	JSPMS Jayawanttrao Sav Jalgaon	Maharashtra	8087085149	
1133	5/20/2020 18:39:26	vinaybivagh123@gmail.com	Vinayak. Bharatkrumar Vagh	Student(Diploma/UG/PG	PVG's College of Engineer Jalgaon (M. Corp.)	MAHARASHTRA	9308740756	
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1135	5/20/2020 18:52:38	aman.khan010607@gmail.com	AMAN NIYAJ KHAN	Industrial personnel	GE INDIA PVT LTD Malikapur	MAHARASHTRA	9373510997	
1136	5/20/2020 18:54:17	suraseprash97@gmail.com	Prashant Surase	Student(Diploma/UG/PG	Vishwakarma Institute of Aurangabad	Maharashtra	7743627467	
1137	5/20/2020 18:56:12	vaish98627@gmail.com	Vaishnavi Pandey	Student(Diploma/UG/PG	Sinhgad College of Engin Pune	Maharashtra	9325635982	
1138	5/20/2020 18:58:31	mantakendre96@gmail.com	Mantika Kendre	Industrial personnel	Faurecia Interior system Pune	Maharashtra	6889056301	
1139	5/20/2020 19:07:06	shubhamfatale@gmail.com	Shubham fatale	Student(Diploma/UG/PG	Shubham sunil fatale Pune	Maharashtra	9503112245	
1140	5/20/2020 19:07:40	dusanurush2001@gmail.com	DUSANE RUSHKESH LAXMIKANT	Student(Diploma/UG/PG	MECHANICAL CHALUSGAON	Maharashtra	9403980238	
1141	5/20/2020 19:10:17	shinde.amol@ktcoe.org	Shinde Amol Ninuti	Academician	MVPS KBTCE NASHIK Nashik	Maharashtra	9011647115	
1142	5/20/2020 19:10:40	shimpi1109@gmail.com	Jayesh Anil Shimpi	Student(Diploma/UG/PG	MITAOE, Alandi - pune Pune	Maharashtra	9156100188	
1143	5/20/2020 19:17:07	vaish98627@gmail.com	Vaishnavi Pandey	Student(Diploma/UG/PG	Sinhgad College of Engin Pune	Maharashtra	9325635982	
1144	5/20/2020 19:20:50	daspatil1407@gmail.com	Dilip A. Patil	Academician	Sanjay K. B. P. Polytech Kopergaon	Maharashtra	9561408222	
1145	5/20/2020 19:21:32	schaudhari.1964@gmail.com	Shreekanth Subhashchandra Chaudhar	Academician	ADPMS Womens College Jalgaon	Maharashtra	09423507669	
1146	5/20/2020 19:22:34	tusharC.2000@gmail.com	Tushar Shreekanth Chaudhari	Student(Diploma/UG/PG	SSBT COET BAMBHORI Jalgaon	Maharashtra	7218102572	
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1148	5/20/2020 19:51:25	jyotishete555@gmail.com	Jyoti Jitendra Kanse	other	- Essen	NRW, Germany	+919960961737	
1149	5/20/2020 20:10:50	aktusharg@gmail.com	Tushar Mahadev Pavar	Student(Diploma/UG/PG	JSPMS JSCOE Pune Pune	MAHARASHTRA	09621008780	
1150	5/20/2020 20:27:32	amolmalpure8@gmail.com	Mr. Amol Prakash Malpure	Student(Diploma/UG/PG	G.H. Raisoni college of en Ahmednagar	Maharashtra	8688655271	
1151								



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- Certificate (Sample) :



Outcome of Workshop: Participants will be able to compare and select the proper automotive system for the vehicle.

[Signature]
HOD & Professor
 Dept. of Mechanical Engineering
 Dr. V. V.P. College of Engineering
 Ahmednagar-414111



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