

G. M. VEDAK INSTITUTE OF TECHNOLOGY, TALA

Department of Mechanical Engineering


Academic Year 2019-20 (First Half 2020)

A Report on Technical Webinar on


“ CRASH ANALYSIS OF VEHICLE IN AUTOMOBILE INDUSTRY ”

(1st August 2020)

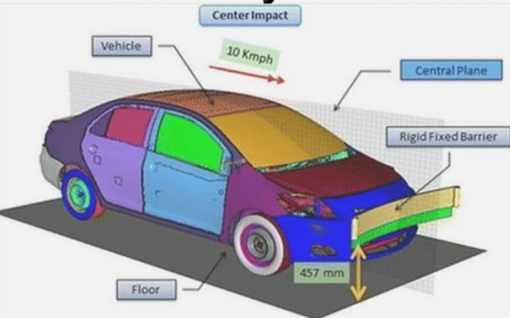
Automotive mechanical engineers work as part of a team to design, develop, and test vehicles. As an automotive mechanical engineer duties include designing new cars for development, conducting laboratory testing for performance safety, and troubleshooting design or manufacturing issues with recalled vehicles. With the development of society, people have increasing demand of vehicles. Car accidents are happening every-day. Most drivers are convinced that they can avoid such troublesome situation. However, the statistics shows that many are dead and thousands to millions are injured every year. Thus, The main purpose of a crash analysis is to see how the car will behave in frontal or/and sideways collisions. Car body light weighting and crashworthiness are two important aspects which are considered while designing any vehicle.




Shri. GopinathMahadeo Vedak Pratishthan's
G. M. Vedak Institute of Technology, Tala
College of Engineering
Department of Mechanical Engineering



Technical Webinar on
"Crash Analysis of Vehicle in Automobile Industry"



Expert Speaker



Mr. Mansing M. Badadare
CAE Analyst at Ford Motors, Chennai


Prof. J.G. Bhagat
Event Coordinator

Prof. A.R. Ghadge **Dr. D. N. Jaiswal**
Head of Department Principal


Day & Date:
Saturday, 01st August 2020

Time:
11:00 am Onwards

Platform



Google Meet



Objectives of the Webinar:

- To get the idea of automobile sector and career opportunity as a mechanical engineer
- To get the basic knowledge of design and analysis software in the field of mechanical Engineering
- Demonstration of crash analysis of vehicle

Outcomes:

- After completion of the webinar students got the basic idea and information of current scenario of automobile sector and career opportunities
- Students will able to get the basic knowledge of design and analysis software in the field of mechanical Engineering

What is this Webinar about?

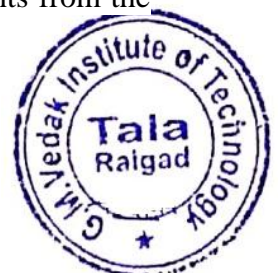
Department of mechanical engineering organized one day technical webinar on “ crash analysis of vehicle in automobile industry”. In automobile design, crash and structural analysis are the two most important engineering processes in developing a high quality vehicle. Computer simulation technologies have greatly enhanced the safety, reliability, and comfort.

Details of the Expert Speaker

- Name of the speaker :- Mr. Mansing M. Badadare (9834321862)
- Qualification :- M. Tech. Nanotechnology
- Name of the Company :- Ford Motors, Chennai
- Designation :- CAE Analyst

Webinar Participants

Total 74 students were participated in this “CRASH ANALYSIS OF VEHICLE IN AUTOMOBILE INDUSTRY” from the department of mechanical engineering. One experts from **Ford Motors, Chennai**, conducted the webinar namely, **Mr. Mansing M. Badadare**. The duration of webinar was 1 day i.e. 01st August, 2020. The experts guided the students from the history of Automobile with recent technology.



All students appreciated the Expert for the valuable information about CAE Analysis in Automobile Sector. And the session ended with vote of thanks by Asst Prof A.R. Ghadge, HOD Mechanical.

Following students and faculties from the mechanical department were participated in the webinar

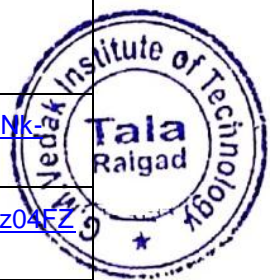
Sr. No	Full Name :	Email Address	Merged Doc URL - Webinar E-Certificate
1	Bhagat Jitesh Ganpat	jiteshbhagat23@gmail.com	https://drive.google.com/file/d/1o1C-nwoUnPMeiPvPziNYODHXsOOxtgQQ/view?usp=drivesdk
2	Magdum Indrajeet Narsu	indrajeet009@gmail.com	https://drive.google.com/file/d/1CjGhRTYg3eCVsGJ5GLlr0ilgQk7OGN93/view?usp=drivesdk
3	SURVE MINENDRA LAXMAN	minendrasurve@gmail.com	https://drive.google.com/file/d/1wGvb5z_Q1Kfhynk_ucCE1lqZrax2Ou/view?usp=drivesdk
4	Autade Pramod Mohan	pramodautade45@gmail.com	https://drive.google.com/file/d/1Utv-2tibUrsR2V7pqImAlkYegPhAnZ_/view?usp=drivesdk
5	Shubham Dinkar Ingale	shubhamingale14321@gmail.com	https://drive.google.com/file/d/1WNQKWpPjP2eWzOAFiGZicDTH8WBrZn4om/view?usp=drivesdk
6	MAHADE PAVAN RAVINDRA	pavanmahade3@gmail.com	https://drive.google.com/file/d/1WAa-mDQM8JJDQ9Pcn14F2TrT2Gwlc3De/view?usp=drivesdk
7	NATE AVINASH RAMDAS	avinate738@gmail.com	https://drive.google.com/file/d/18pks3RGbv4MyaifNHQ6StDH1bCW0soi8/view?usp=drivesdk
8	Mhatre Swapnil Dattatrey	swapnilmhatre3089@gmail.com	https://drive.google.com/file/d/1CrNpaaEKScOhFyd2sPhAkorhU_SOUY3j/view?usp=drivesdk
9	Dhumal vinit bhalchandra	vinitdhumal7@gmail.com	https://drive.google.com/file/d/1Qk3Xpw38tpHxiwUyteRGtLK1oBOYAil/view?usp=drivesdk
10	KADAM VINAYAK GAJANAN	vinayakkadam9970@gmail.com	https://drive.google.com/file/d/1T_Xao5qivUMnaLT-9YnrylilKgLSqJcD/view?usp=drivesdk
11	Pawar Shantanu Sandeep	Pawarshantanu55@gmail.com	https://drive.google.com/file/d/1p4lFE-gReJ8xeWGp2d4kPLmZ1dHV9wF/view?usp=drivesdk
12	RODE SIDDHESH	siddhesh9225@gmail.com	https://drive.google.com/file/d/1g3MmGjvrgKqcZWQDzQuaAxFVMa4OYTvl/view?usp=drivesdk



	KISHOR		
13	Parag Subhash Mokhal	Paragmokal75@gmail.com	https://drive.google.com/file/d/1Lkn7kKRMTmXCne1WK57HOfn0KawzI5ye/view?usp=drivesdk
14	KHADTA R MANDAR MARUTI	mandarkhadtar31@gmail.com	https://drive.google.com/file/d/1D6klDhQJaXSFRBoli8w7_Vr9bBHwx-0p/view?usp=drivesdk
15	Patil Rahul Ramesh	rahulpatilrp3342@gmail.com	https://drive.google.com/file/d/1uwIsI7zFgx9iDEJDPJEJGgSt8Blbm79V/view?usp=drivesdk
16	Patil Namrata Nandkumar	namratapatil9997@gmail.com	https://drive.google.com/file/d/1oDzBbIE_1Q3IHOpWpx6dfzq58eCBR9Qg/view?usp=drivesdk
17	KAMBLE KARAN MOHAN	currenkamble@gmail.com	https://drive.google.com/file/d/1kbw5RKYaaloU9RHpoXZcSHND7e04SUi/view?usp=drivesdk
18	Ambukar Pratik Raman	ambukarpratik@gmail.com	https://drive.google.com/file/d/1FoTnuEVgN_s94Pr56JLo7OElpY88MddT/view?usp=drivesdk
19	JAISWAL ROHAN RAMKRUPAL	jayaswalrohan02@gmail.com	https://drive.google.com/file/d/16CiRjA1QiCRJnsN7U5dThrU8oWE7efxg/view?usp=drivesdk
20	Birambole Shubham Jagdish	shubhambirambole10@gmail.com	https://drive.google.com/file/d/16_MBCshsOFe8cAYPDUbAiytqDxOzFtg0/view?usp=drivesdk
21	BHORAV KAR SANDESH GORAKH	bhoravkarsandesh1998@gmail.com	https://drive.google.com/file/d/1_35S13DbgyuCIIL1Y3wx376UADGE9Ar5/view?usp=drivesdk
22	Hasim Mohammad Aslam Jalgaonkar	hashimjalgaonkar16@gmail.com	https://drive.google.com/file/d/1SmGNImVeSlyFtl_t4QdPOmxWMzkSvc99/view?usp=drivesdk
23	Dhavdekar suyog santosh	dhavdekarsuyog11@gmail.com	https://drive.google.com/file/d/1_ZemX7npvHSn8zUPg_8G2CEkiRrBOR6o/view?usp=drivesdk
24	BHAGAT AKASH ASHOK	akashbhagat2211@gmail.com	https://drive.google.com/file/d/1iZ4slVbf1nM8z7bDtkAQGnYFDh074NYX/view?usp=drivesdk
25	MINDE AKASH MADHUKAR	akashminde07@gmail.com	https://drive.google.com/file/d/1NUry7WYsyc3891NIWe77hN18fBnlqY4T/view?usp=drivesdk
26	Varsolkar Nikhil Chandrashekhar	nkvarsolkar@gmail.com	https://drive.google.com/file/d/13gBATaqriG44Freq1K5UWu0klZ689qqK/view?usp=drivesdk
27	Penkar Vishal Suryakant	vishalpenkar5@gmail.com	https://drive.google.com/file/d/1BIGTRtDvGnSWZ8BWvDR9AlrwcBtq0ryb/view?usp=drivesdk



28	Prasanna Nitin Jagtap	jagtap.prasanna22@gmail.com	https://drive.google.com/file/d/1YMbBj1-dKjmUkfE0CrwaBjKbmBHGCB6N/view?usp=drivesdk
29	BUKHARI ARBAZ AZIM	arbazbukhari00@gmail.com	https://drive.google.com/file/d/17Qui0h_6ftYOesjSQm1ULW_oZssoRJtC/view?usp=drivesdk
30	Gurav Jayesh Sunil	jayeshgurav007@gmail.com	https://drive.google.com/file/d/1K81QJH_PrNbaecUw77_Rk0bR2Nb7v4aP/view?usp=drivesdk
31	Manval Jay Moreshwar	jaymmanval2000@gmail.com	https://drive.google.com/file/d/1uYitXwJyeH3HBMcxHVTwsE0T-cygb10w/view?usp=drivesdk
32	JAFFER MUDASSIR GULAM MAINUD DIN	mudassirjaffer@gmail.com	https://drive.google.com/file/d/1FrHBlm-1ebe-TtXSzvcLHP0-u1NRBj_q/view?usp=drivesdk
33	Bhonkar Adesh Anant	adesh.bhonkar.ad08@gmail.com	https://drive.google.com/file/d/1SNhuINN-HJ9fo17r-3ZS0GI94Ot3iof9/view?usp=drivesdk
34	Telange manish khandu	manishtelange134@gmail.com	https://drive.google.com/file/d/1MdbOm-B44rPCpbqXV5_XWpOp9z7cMF2E/view?usp=drivesdk
35	Pawar Swapnil Gajanan	swapnilpawar147@gmail.com	https://drive.google.com/file/d/1Fj4n4szJhnPxcioDvGcHDmtkxLT2HgV1/view?usp=drivesdk
36	Shigvan Rahul Rajendra	rahulshigavan33@gmail.com	https://drive.google.com/file/d/1S40iAZjmx2PZwK5UIS_WOIHGSe6E7tP/view?usp=drivesdk
37	Deo Amar	deoamar1998@gmail.com	https://drive.google.com/file/d/18Ro7XfvoN7Hz5E2I7vn0dgiTmOqK7AX0/view?usp=drivesdk
38	Nivate Prabhat Ganesh	prabhatnivate21@gmail.com	https://drive.google.com/file/d/14-0rQ0ijO6oTVNsHrTm1SrWEPZ_rKNLZ/view?usp=drivesdk
39	Chogale Prathamesh Keshav	prathameshchogale77@gmail.com	https://drive.google.com/file/d/175emPKo6cnmngKpHtT9BUDfBkrFbmasn/view?usp=drivesdk
40	Sawant Uddhav Sudhir	uddhavsawant11@gmail.com	https://drive.google.com/file/d/1aSOiilTbjX5fTRwGfNk-9pyVB8yr2flc/view?usp=drivesdk
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42	Suraj Murkar	surajmurkar5555@gmail.com	https://drive.google.com/file/d/1soFJpxuch0jW0XYp_O8tMrrKN4Y2PW0d/view?usp=drivesdk
43	DHUMAL ROHIT PRAVIM	dhumalrohit3@gmail.com	https://drive.google.com/file/d/1LJLCzrNhdrNqOipLnQ45LBiKnpP7RfwP/view?usp=drivesdk
44	THALE SIDDHARTH RAVINDRA	siddharththale10@gmail.com	https://drive.google.com/file/d/1DUOc8UEvE3PoyFbtCZvOz_zAavDL1wO/view?usp=drivesdk



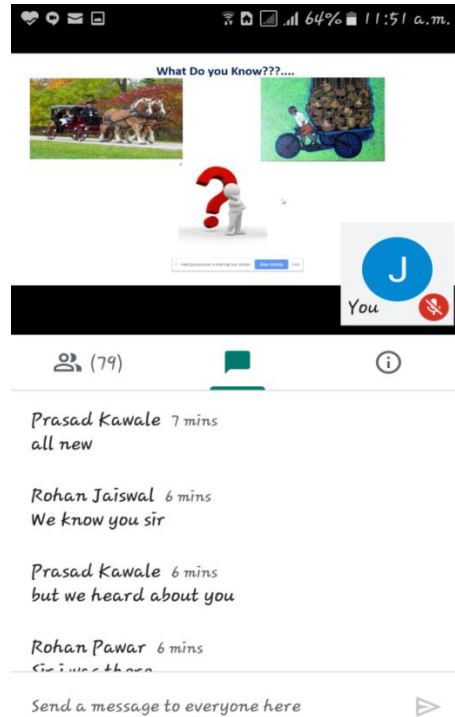
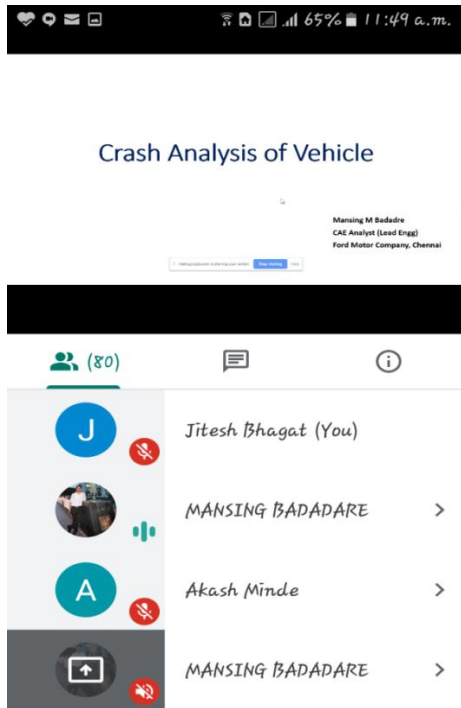
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46	RAWOOT YUNUS AMIR AHMED	yunusraw999@gmail.com	https://drive.google.com/file/d/1BIWxodXOeQFwNJIp71Eu9oZExDuv6tzip/view?usp=drivesdk
47	MOKAL SANYOG EETA SANTOSH	sanyogeetamokal@gmail.com	https://drive.google.com/file/d/1mUTe9D9cAp6DLc3UD7kp-wMF0jEwGcim/view?usp=drivesdk
48	Mhatre Hrutik Dayaram	hrutikdmhatre11@gmail.com	https://drive.google.com/file/d/1UHdfz3Fvd7np5M0NzVK4ARtoOLd1ou34/view?usp=drivesdk
49	Amroskar Mitesh Milind	mitesh.amroskar@gmail.com	https://drive.google.com/file/d/1SeSxsfqEO4amyNv3p3K9tYb1aTvPauuZ/view?usp=drivesdk
50	Shubham Pradip Gawade	shubhamgawade321@gmail.com	https://drive.google.com/file/d/17f9OOzp63SwEqLvsGe1A46rJyxqfiMx/view?usp=drivesdk
51	Shedge Hritik Sudarshan	hritikshedge133@gmail.com	https://drive.google.com/file/d/16Upz6sp-UxJ72efdSpjsg90vKYn4i-dg/view?usp=drivesdk
52	UPADHYE MANAS YOGENDRA	upadyhemanas@gmail.com	https://drive.google.com/file/d/1LK4tj6Uj8kkPKMulAqWMYjmZuWC3dylA/view?usp=drivesdk
53	Gaikar Siddhi Sanjay	gaikarsiddhi11@gmail.com	https://drive.google.com/file/d/1v7vNMFgmHsurE_Av5VvORwizT6jbbk89/view?usp=drivesdk
54	Gavit Amol Nethu	amolgavit158121@gmail.com	https://drive.google.com/file/d/1R0wfgYQ4neTi0vx9GTIVWvBfs0aEhnY9/view?usp=drivesdk
55	GIJE SURAJ SUNIL	surajgije11@gmail.com	https://drive.google.com/file/d/1aguCLVN7ocytC5KroVtgXLMOuVExjVsA/view?usp=drivesdk
56	Thakur chetan dhruva	tchetan408@gmail.com	https://drive.google.com/file/d/1bwuv7nKhRdIhbpAG8ddI0JHkHLlqeNXe/view?usp=drivesdk
57	Rohit Magdum	rmagdum73@gmail.com	https://drive.google.com/file/d/11EM96bj6DB684MLEqtcldoPHApqGxCY8/view?usp=drivesdk
58	TELANG SARVESH SANJAY	sarveshtelange02@gmail.com	https://drive.google.com/file/d/1pC-ENs8fFXwRuFXhiiT70jMkysbzhUsc/view?usp=drivesdk
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60	WAGHMA RE ROHIT RAJEND	rohitwaghmare798@gmail.com	https://drive.google.com/file/d/1JgsoUnntBPBiqgKVJ5p4-in1eSG4Kb0i/view?usp=drivesdk



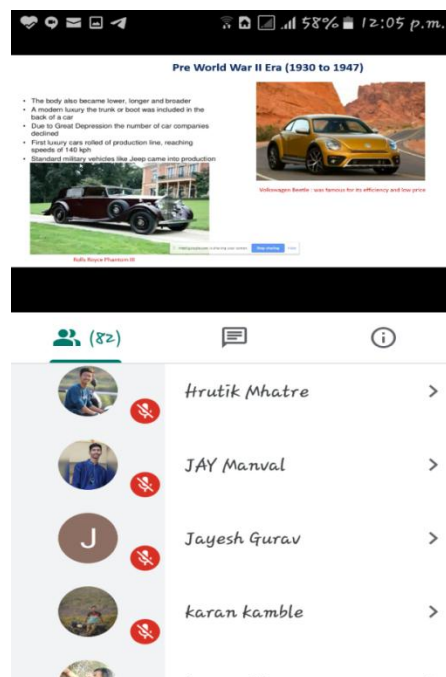
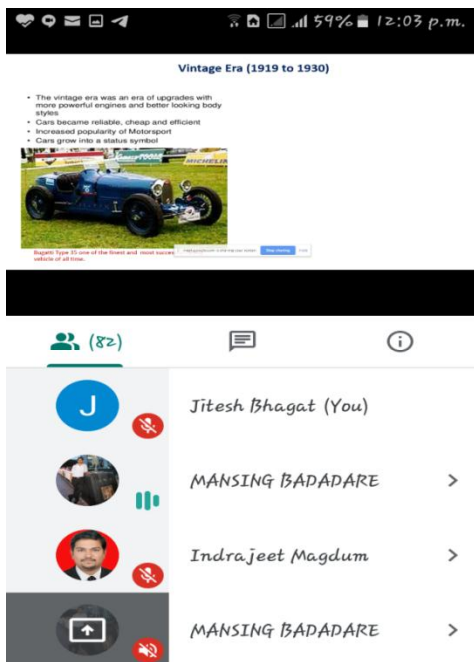
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61	Patil Omprakash Sheshrao	omprakashpatilindia@gmail.com	https://drive.google.com/file/d/1LC6E0D-bcwT7IISkcBk1iNfrql-F8SdA/view?usp=drivesdk
62	Nandgaonkar Ashutosh Ashok	ashutoshnandgaonkar18@gmail.com	https://drive.google.com/file/d/11hBFRNi6U_aV82CPYJ3jojq6aLv8hof/view?usp=drivesdk
63	Patil Ved Mahesh	vedpatil76@gmail.com	https://drive.google.com/file/d/1U14B7ja_bn3q6FQRbmdwuR3whLETJXzY/view?usp=drivesdk
64	SUTE VIVEK VASANT	viveksute62@gmail.com	https://drive.google.com/file/d/13kAD_P7WBiTta9MCd8h9FluF8F8GVn05/view?usp=drivesdk
65	Shighrekar Usama Ishtiyaque	usamasaika@gmail.com	https://drive.google.com/file/d/1f_RJu3op-SrAjdYX9fdnFn2jxqNGi1JW/view?usp=drivesdk
66	Gawas Mayuresh Manohar	mayureshgawas83@gmail.com	https://drive.google.com/file/d/1WY3aNLdp1bgXvwoyKa1oYl3CFXD-21qE/view?usp=drivesdk
67	Patil Nisarg Santosh	nisarg52525@gmail.com	https://drive.google.com/file/d/1Er4blqnrRn4hq20UcKvIEfvj1a3GfoE/view?usp=drivesdk
68	RAHATWILKAR ARMAN AYYUB	armanrahatwilkar@gmail.com	https://drive.google.com/file/d/1PBw4B8CuaV8JN8Oarg2dWyM-B0JyPL4f/view?usp=drivesdk
69	GIJE MANDAR MANOHAR	gijemandar@gmail.com	https://drive.google.com/file/d/1QNmvbEjbnqUP8z4gVisQ1LAeRvVZ34_/view?usp=drivesdk
70	पवार रोहन सुधीर सुलोचना	rohanpawar1996@gmail.com	https://drive.google.com/file/d/1Rw2oTln0zOVii8yLbHTmJxmk0vWO8B3o/view?usp=drivesdk
71	MULLA NASIR NISAR	nnm9421968132@gmail.com	https://drive.google.com/file/d/1TJ_VkpEV03fyhYrKMnJBzVFy3wt7h4Jb/view?usp=drivesdk
72	More Chetan Nitin	chetanmore46@gmail.com	https://drive.google.com/file/d/198acXBc7PMkdJlYTZZA_zX9pT97Ed0O/view?usp=drivesdk
73	Chogle Tawqeer Abdul.Rehman	tawqeerchogle68@gmail.com	https://drive.google.com/file/d/1_5F0Dm9HeKluRvPh-5N1g7w5wDuNn0T0/view?usp=drivesdk
74	DHANSE FARMAN SHAKEEL	farmandhanse345@gmail.com	https://drive.google.com/file/d/1uKjTXVltdLaMewQtNIXHsJvGpfmvgOjx/view?usp=drivesdk



Photographs of the Program on the platform Google Meet



Introduction of Crash analysis and history of Automobile sector



Photographs on platform Google-Meet during the presentation

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Asst Prof A.R. Ghadge,
HOD Mechanical Department