

DEPARTMENT OF AUTOMOBILE ENGINEERING

BOARD OF STUDIES MEETING (Online Meeting)

DATE

26-06-2020

VENUE

Department of Automobile Engineering

TIME

:

10:00 AM onwards

Chairman - BOS (AU Board)

Department of Automobile Engineering

New Horizon College of Engineering (Autonomous)

Bengaluru - 560 103

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Chairman - BOS (AU Board)
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Bengaluru - 560 103

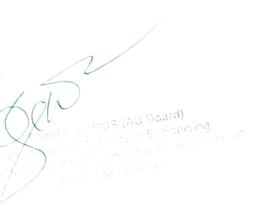
AGENDA FOR THE MEETING

Agenda 1 Deliberation of Scheme and Syllabus of V and VI semester of

Automobile Engineering(175 credit scheme)

Agenda 2 Deliberation of Scheme of VII and VIII semester of

Automobile Engineering(175 credit scheme)



LIST OF MEMBERS

DEPARTMENT OF AUTOMOBILE ENGINEERING

BOS MEETING- LIST OF MEMBERS

Sl. No	Category	Nomination of the committee	Name of the person
1	HOD (Chairperson)	Chairperson	Dr Shridhar Kurse
	Faculty Members	Member	
	racardy members	1	Mr.JayasheelKumar K A-Sr.Asst.Prof
2		3	Ms Smitha B S- Sr.Asst. Prof
		4	Mr. Karthik A V - Asst. Prof
		5	Mr. Mohan Kumar G R- Sr.Asst. Prof
3	Subject Matter Expert from outside the College	Member	Dr.Nandakumar Associate Professor, Automobile Engineering Dept., DSCE,B'Lore Email: nandakumarmb@gmail.com Mob: 9900826039
4	VTU Nominee	Member	Dr.Y.M.Shashidhara Professor & HOD, Dept of Automobile Engineering MCE,Hassan, Email:shashi.yms@gmail.com Mob: 9341967755
5	Industry Expert	Member	Mr.Ashoka Kumar V A – Director, RV- Automotive Electronics Design Center, B'Lore Email: ashoka@rv-ae.com Mob: 8237010047
6	Meritorious Alumni	Member	Mr. Sagar Suri (VTU 5 th Rank holder) Engineer, Tescom Engg,, Services Pvt.Ltd, Bangalore Email: surisagar27@gmail.com Mob:,9591058705
		Member	Dr.Ganesh Prasad
		1	Dean & HOD-ME,NHCE Dr.Sujin Jose
		2	Associate Prof. NHCE
7	Co-opted members	3	Mr. Sunil Prashanth Kumar- Asst. Prof Department Placement Coordinator
		4	Dr.Nisha – Professor, EC Dept., NHCE, B'Lore
		5	Mr.Vinod Kumar – Asst. Prof., EEE Dept., NHCE, B'Lore

BOS Meeting – Department of Automobile Engineering

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LIST OF MEMBERS PRESENT (ONLINE MEETING)

Sl. No.	Name
1	Dr Shridhar Kurse
2	Dr.Y.M.Shashidhara
3	Dr.Nandakumar
4	Mr.Ashoka Kumar V A
5	Mr. Sagar Suri
7	Dr.Sujin Jose
8	Mr.JayasheelKumar K A
9	Mr Karthik A V
10	Ms Smitha B S
11	Mr. Sunil Prashanth Kumar
13	Mr. Mohan Kumar G R-
14	Dr.Ganesh Prasad
15	Dr.Sujin Jose
16	Dr.Nisha
17	Mr.Vinod Kumar
18	Mr.Gangadhar Immadi

Charman - 905 (AU Board)

Department of Automotive Engineering (Autonomotive)

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BOS Meeting – Department of Automobile Engineering

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WELCOME ADDRESS BY THE CHAIRMAN OF BOS AND INTRODUCTION OF MEMBERS

Minutes

(Online Platform: Zoom)

The BOS meeting of the Department of Automobile Engineering started at 10.00 AM at the department with the welcome address by the Chairman-BOS **Dr Shridhar Kurse.** He briefed about the dept. &introduced the BOS members and faculty of the department.

1. Dr.Nanda Kumar

- Associate Professor, Automobile Engineering Dept.,

DSCE,B'Lore

2. Dr. Dr.Y.M.Shashidhara

- Professor & HOD,

Dept. of Automobile Engg., MCE, Hassan

(VTU Nominee)

3. Mr.Ashoka Kumar V A

- Director, RV-Automotive Electronics Design Center, B'Lore

4. Mr.Sagar Suri

- Alumni member

Chairman-BOS briefed about the agenda of the meeting.

chairman introduced all the 1805 members.

Prof. Shashidhar (MCE, Hassan), Ms. Ashokumal (industry Expert)

Prof. Nandakumas (Domain Expert). Prof. Wisha (from Exc. Dept).

Prof. Chinod (Electrical cings Dept).

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in nature.

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AGENDA-1

TITLE

Deliberation of Scheme and Syllabus of V& VI semester

The discussion on the agenda began at 10.30 AM. Presentation on the Scheme of V &VI sem Automobile Engineering was given by **Dr.Shridhar Kurse**

The agenda was unanimously approved by the members with few suggestions and corrections.

Force was more on 175 (selet scheme, especially Scheme of 5,46 M, 7 dh, & & th Semesters. The syelabus of 5 th & 6th Seminor discussed at length.

AGENDA -2

TITLE

Deliberation of Scheme of VII and VIII semester Automobile Engineering

The discussion on the agenda began at 11:30 AM. Presentation on the Scheme and Solution of VII and VIII sem Automobile Engineering was given by respective Course Coordinators.

The agenda was unanimously approved by the members with few suggestions and corrections.

Schene of 7th & 8th cen was also discussed.

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BOS Meeting - Department of Automobile Engineering

RECOMMENDATIONS OF THE BOARD

Recommendations/Suggestions by BOS Members are given below:

SI. No.	Subject	comments
	V Sem	ester
1	Theory of Machines	 Velocity and Acceleration should be included in the first module before discussing gears and cams Governors (types of governors) to be included Governors and gyroscope can be made a single module Flywheel can be shifted to Automotive Components Design. Syllabus is quite lengthy
2	Automotive Engines and Components Design	 Design of valves and clutches can be combined Design of Crankshaft and flywheel can be made a module
3	Automotive Engines and Auxiliary Systems	 Exhaust After treatment methods should be discussed in module 4
4	Auto Electricals	 Module 1- Battery, charging and starting system to be combined Module 2- only lighting and accessories Module 3- can be shifted to Auxiliary system to avoid repetition Module 4- pitch, roll and yaw sensor to be included .Module 4- Name as Sensors and Actuators and discuss related topics Module 3 and module 4 (first part) can be combined

BOS Meeting - Department of Automobile Engineering

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		 Chassis Electricals topic can be discussed in Automotive chassis subject
5	Python	 Case Studies to be added
		 Automotive related assignments to be designed
6	Automobile Engineering Lab I	 Name of the lab is correct Part A- Try to add pitch, roll and yaw sensors, temperature sensor and load sensors
7	Automotive Electrical and Electronics Lab	 Try to add Lithium Ion battery testing Raspberry pi programming exercise can be added EEProm programming can be removed
8	Vehicle Transport Management	Shared mobility concepts can be included
9	Management and Entrepreneurship	Should be a core subject as per VTU guidelines
	VI Seme	ster
1	Design of Machine Elements	Module 1 to be included in V semester, Automotive Engine Components Design.
2	Finite Element Analysis	 Syllabus is lengthy To be made, 40% theory and 60% numerical based
3	Automotive Chassis	 Module 2 should be named as brakes ABS, EBD concepts can be discussed Chassis Control system can be included
4	Finite Element Analysis Lab	Non linear Analysis exercises can be included
5	Electric and Hybrid Vehicle	 Should be made a core subject Battery Management system and charging stations topics to be included Design of Chassis for EV module to be included Battery, motor sizing calculations can be included

included

		 Introduction to EV terms, comparison between engine and motor power train to be discussed in module 1
6	Automotive Emission and Control	 Should be made a core subject Effect of air pollution topic can be removed
7	Hydraulic and Off road vehicles	 Subject name to be changed, can be renamed as Mining and construction vehicle or Earth moving equipments In module1 , electro hydraulics to be included
8	Alternate Fuels and Energy Systems	 Module 5 to be removed EMS for dual fuel engines to be included

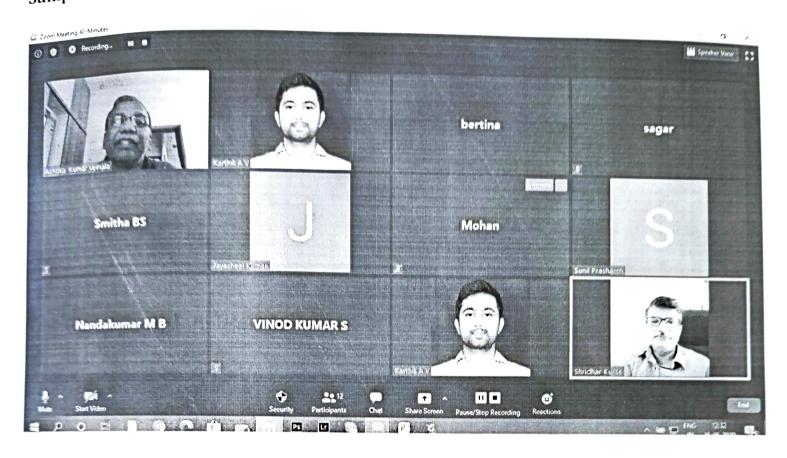
VOTE OF THANKS BY THE CHAIRMAN-BOS

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APPENDIX

Sample Photos of Online Meeting



Professional Elective-III

AUTOMOTIVE EMISSIONS AND CONTROL

Course Code: 19AUT651

L: T: P: 3:0:0 Exam Hours: 3 Credits:03 CIE Marks: 50 SEE Marks: 50

Course Outcomes: At the end of the Course, the student will be able to:

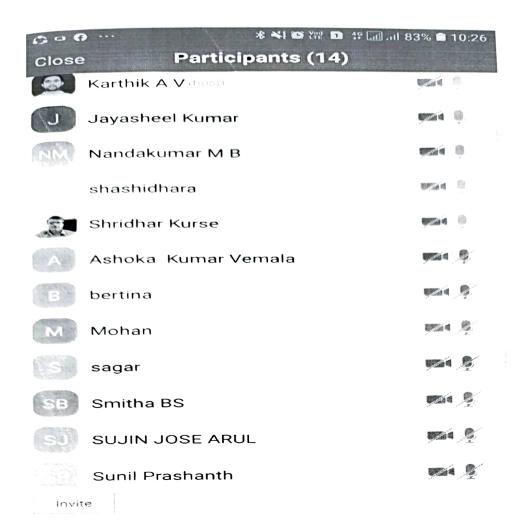
CO1	Understand various emission norms, standards
CO2	Understand the formation of various pollutants like HC, CO, CO2, NOx.
CO3	Analyze control techniques, design changes for minimizing pollution.
CO4	Understand the influence of fuel properties on emissions and various post combustion treatments in automobile.
COS	Identify the effect of air pollution on humans, animals and plants
CO6	Evaluate the sampling methods and test procedures.

Mapping of Course Outcomes to Program Outcomes:

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Join our Cloud HD Video Meeting Zoom is the leader in modern enterprise video communications, w... us04web.zoom.us

Karthik A V is inviting you to a scheduled Zoom meeting.

Topic: AUTOMOBILE DEPT., BOS

MEETING-26/06/2020

Time: Jun 26, 2020 10:00 AM India

Join Zoom Meeting

https://us04web.zoom .us/j/9380123665?pwd= NW50M0xYcFNodHk0WFlvbWkzRzVjQT09

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