

University of Mumbai
Board of Studies in Mechanical Engineering

Subject:- Automobile Engineering

The Academic Council, in its meeting dated 23/07/2020 vide item 118, resolved to implement the revised syllabi ((REV- 2019 'C' Scheme) from Academic Year 2019 – 20) for SE to BE (Automobile Engineering) in a phasewise manner. Accordingly, the scheme (SE to BE) and syllabus for SE (AY 2020-21) was adopted. In order to prepare the draft syllabi for TE and BE and propose the same to Board of Studies, the following committees have been constituted. All the subject co-ordinators, alongwith faculty members and industry experts, are requested to submit the draft syllabi at the earliest. Dr. Divya Padmanabhan of PCE, New Panvel will-be the overall Co-ordinator.

| Code and Course | Co-ordinator | Member | Member | Member | Remark |
|--|-----------------------------------|------------------------------------|----------------------------------|----------------------------|----------------------------|
| Sem V | | | | | |
| AEC502 Internal Combustion Engine | Dr.Zakir Ilahi- MHSSCOE | Dr.Ashok Dhale- MHSS | Mrs. Vaishali Kumbhar- PCE | Mr.Amit Patil-SCOE | |
| AEC503 Machine Design | Mr.Shaikh Ibrahim- MHSS | Mr.Prasad Mane- RMCET | Mr.Mustaq Mohamme d- Theem | Dr.Thokal G-PCE | |
| AEL501 Measurement and Engine Testing Lab | Dr.Zakir Ilahi- MHSSCOE | Dr.Ashok Dhale- MHSS | Mrs. Vaishali Kumbhar- PCE | Mr.Amit Patil-SCOE | |
| AEL502 Machine Design | Mr.Shaikh Ibrahim- MHSS | Mr.Prasad Mane- RMCET | Mr.Mustaq Mohamme d- Theem | Dr.Thokal G-PCE | |
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| Sem VI | | | | | |
| AEC601 Autornotive System Design | Mr.Amey Marathe- PCE | Mr.Rahul Wategaonka r- RMCET | Mr.Chetan Thakur- SCOE | Mr.Irshad Shaikh- Theem | Mr.Shaikh Ibrahim- MHSS |
| AEC602 Mechanical Vibrations | Mr.Rahul Wategaonkar- RMCET | Mr. MDurga Rao- PCE | Mr.Amit Patil- SCOE | Mr.Ahrar Ahmed- MHSS | |
| AEC603 Vehicle Body Engineering and Safety | Mr.Swapnil Rawool- RMCET | Mrs.Farheen Bobere- MHSS | Mr.Amey Marathe- PCE | Mr.Amar A Jadhav- PHCET | |

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| AEL601 Automotive System | Mr.Amey Marathe- PCE | Mr.Rahul Wategaonkar- RMCET | Mr.Chetan Thakur- SCOE | Mr.Irshad Shaikh- Theem | |
| AEL602 Mechanical Vibrations | Mr.Rahul Wategaonkar- RMCET | Mr. MDurga Rao- PCE | Mr.Amit Patil- SCOE | Mr.Ahrar Ahmed- MHSS | |
| AEL603 Vehicle Body Engineering and Safety | Mr.Swapnil Rawool- RMCET | Mrs.Farheen Bobere- MHSS | Mr.Amey Marathe- PCE | Mr.Amar A Jadhav- PHCET | |
| Sem VII | | | | | |
| AEC701 Autotronics | Mr.Prashant Ingle- SCOE | Mr.Omkar Gadre- RMCET | Mr.Amey Marathe- PCE | Mr. Nitin Gholap - PHCET | |
| AEC702 Vehicle Dynamics | Mrs. Vaishali Kumbhar-PCE | Mr.Rahul Belekar- RMCET | Mr.Vishudas Chodankar - SCOE | Mr.Mohammed Raees- Theem | |
| AEDLO7031 Vehicle Performance and Testing | Mr.Shaikh Ibrahim- MHSS | | | | Dr.Rafiq -ARAI |
| AEDLO7032 Alternate Fuels and Emission Control | Dr.Rashid Ali-PCE | Mr. Amar A Jadhav PHCET | | | Dr.SS Bhusnoor |
| AEDLO7033 Automotive Aerodynamics and Aesthetics | Mr. Amar A Jadhav PHCET | Mrs.Farheen Bobere- MHSS | Ms.Supriya khapre- SCOE | | |
| AEDLO7041 Transport Management Systems | Mr.Omkar Gadre- RMCET | Mr.Prithviraj Rahane- PCE | Mr.Tejas Thakur- Theem | Mr. Vivek Meshram- PHCET | |
| AEDLO7042 Tire Technology | Mr.Amey Marathe- PCE | | | | ARAI |
| AEDLO7043 Automotive Sensors and Control Systems | Mr.Shaikh Ibrahim- MHSS | Mr.Amey Nijasure- PCE | Mr.Nafees A Khan- MHSS | | |
| AEL701 Vehicle Maintenance Lab | Mr.Shaikh Ibrahim- MHSS | Mr.Mustaq Mohammed- Theem | Mr.Chetan Thakur- SCOE | | |
| AEL702 Vehicle Dynamics | Mrs. Vaishali Kumbhar-PCE | Mr.Rahul Belekar- RMCET | Mr.Vishudas Chodankar - SCOE | Mr.Mohammed Raees- Theem | |

| Sem VIII | | | | | |
|---|------------------------|------------------------|-----------------------------|--|---------------------|
| AEC801 Hybrid and Electric Vehicles | Mr.Amey Marathe- PCE | Mr.Anup Chawan- MHSS | Mr. Saurabh Sirsikar- PHCET | | |
| AEDLO8051 Automotive Materials | Dr.Divya P-PCE | Mr.T Z Quazi- SCOE | Mr.Sayyed Ahmed- MHSS | | Dr.Arankalle - ARAI |
| AEDLO8052 Automotive Embedded Systems | Mrs.Rubina Shaikh- PCE | | | | |
| AEDLO8053 Engine and Battery Management Systems | Mr.Amey Marathe- PCE | Mr. Amar Jadhav- PHCET | Mr.Anup Chawan- MHSS | | ARAI |
| AEL801 Hybrid and Electric Vehicles | Mr.Amey Marathe- PCE | Mr.Anup Chawan- MHSS | Mr. Saurabh Sirsikar- PHCET | | |



15/04/2021

(Dr. Vivek K. Sunnapwar)
Chairman, BoS (Mech Engg)