

Date: 20.12.2023

**Action Taken Report - UG**

The meeting of the 12<sup>th</sup> Board of Studies for the Department of Mechanical Engineering Undergraduate Programme for the academic year 2023-24 was conducted on 13.12.2023 at 11.00 a.m in Physical Mode

**Courses introduced under Regulation 2022:**

<b><u>Regulation</u></b>	<b><u>Subject Code</u></b>	<b><u>Subject Name</u></b>	<b><u>Credits</u></b>
2022	22HE4101	IPR and Start-ups	2
2022	22ME4201	Kinematics of Machinery	3
2022	22ME4202	Hydraulic and Pneumatic Systems	3
2022	22ME4203	Manufacturing Technology – II	3
2022	22ME4204	Thermal Engineering	3
2022	22ME4251	Strength of Materials	4
2022	22ME4001	Manufacturing Technology Laboratory-II	2
2022	22ME4002	Thermal Engineering Lab	2
2022	22ME4003	Mini Project	1
2022	22HE4071	Soft Skills -3	1
2019	21ME6231	Sem 6: E vehicle Dynamics – Minor	3
2019	21ME6232	Sem6: Cell and battery management system- Honors	3
2019	21ME6204	Sem 6: Lean Manufacturing- Honors	3
2019	21ME6205	Sem 6: Modern Robotics- Honors	3
2019	21ME6206	Sem 6: Energy Conservation in Industries- Honors	3
2019	21ME6207	Sem 6: Energy Storage Devices- Honors	3
2019	21ME6208	Sem 6: Ergonomics in Design- Honors	3
2019	21ME6209	Sem 6: Advances in Composite Materials- Honors	3

**Syllabus related Recommendations:**

<b>S. No</b>	<b>Course Code &amp; Course Name</b>	<b>Suggestions given by BoS experts</b>	<b>Action taken</b>
1.	22HE4101 IPR and Start-ups	Suggested to remove excluding topic. Unit V 'Latest Amendments', Unit II 'Patent Ethics' and Unit II 'Procedure to follow the methods of IP agents' topics to be included. Latest text books, Publications and Publishers to be mentioned	Suggestion passed and to be incorporated in the forthcoming Even semester of Academic year 2023-24.
2.	22ME4201 Kinematics of Machinery	Suggested to check and compare the GATE Syllabus.	
3	22ME4202 Hydraulics and Pneumatics Systems	Objectives can be reduced. Unit IV can be reduced. Unit V 'Case studies with application of computing skills' can be included.	
4	22ME4203 Thermal Engineering	Unit I heading is to modified as 'Air standard cycles'.	
5	22ME4251 Strength of Materials	Unit IV 'impact analysis' experiment to be included. Practical to be corrected as per the unit	
6	22ME4202 Manufacturing Technology – II	Suggested to remove the word angle in 'tool and angle grinding'. Unit II and III can be combined. CNC topic can be extended. '3D Printing exercise' to be added.	

  
**Chairman BOS/Mech**  
**Chairman - BOS**  
**MECH - HiCET**

Date: 20.12.2023

**Action Taken Report - PG**

The meeting of the 12<sup>th</sup> Board of Studies for the CAD/CAM Postgraduate Programme for the academic year 2023-24 was conducted on 13.12.2023 at 11.00 a.m in Physical Mode

**Syllabus related Recommendations:**

S. No	Course Code & Course Name	Suggestions given by BoS experts	Action taken
1.	20CC1203 Computer Aided Manufacturing	suggested to add recent manufacturing technologies topic.	Suggestion passed and to be incorporated in the forthcoming Even semester of Academic year 2023-24.
2.	20CC1201 Computer Aided Design	suggested to add Design Calculation topic.	

  
Chairman BOS/Mech  
**Chairman - BOS  
MECH - HICET**

Date: 12.06.2023

**Action Taken Report**

The meeting of the 11<sup>th</sup> Board of Studies for the Department of Mechanical Engineering Undergraduate Programme for the academic year 2023-24 was conducted on 08.06.2023 at 11.00 a.m in Physical Mode

**Courses introduced under Regulation 2022:**

Regulation	Subject Code	Subject Name	Credits
2022	22MA3104	Fourier Series and Transforms	4
2022	22ME3201	Engineering Thermodynamics	3
2022	22ME3202	Engineering Materials and Metallurgy	3
2022	22ME3203	Electrical Drives and Control	3
2022	22ME3204	Manufacturing Technology-I	3
2022	22ME3251	Fluid Mechanics and Machinery	4
2022	22ME3001	Manufacturing Technology Laboratory-I	2
2022	22ME3002	Computer Aided Modeling Lab	2
2022	22HE3071	Soft Skills -2	1
2022	22MC3091	Essence of Indian Traditional Knowledge	0
2019	21ME5231	Sem 5: EV and Sub Systems. – Minor	3
2019	21ME5205	Sem 5: Digital Manufacturing and IoT - Honors	3
2019	21ME5206	Sem 5: Bioenergy Conversion Technologies- Honors	3
2019	21ME5207	Sem 5: New Product Development- Honors	3

**Syllabus related Recommendations:**

<b>S. No</b>	<b>Course Code &amp; Course Name</b>	<b>Suggestions given by BoS experts</b>	<b>Action taken</b>
1.	22MA3105 Fourier Series and Transforms	Suggested to remove excluding topic.	Suggestion passed and to be incorporated in the forthcoming Even semester of Academic year 2023-24.
2.	22ME3202 Engineering Materials and Metallurgy	Suggested to restructure the Unit V - ceramic topic in 'Non-Ferrous Alloys & Composite Materials'	
3	22ME3204 Manufacturing Technology-I	Latest furnace types topic can be added. Unit II heading is to modified.	
4	22ME3251 Fluid Mechanics and Machinery	Change the unit I heading as ' Introduction to fluid properties'	

  
Chairman, Board of Studies  
**Chairman - BoS**  
**MECH - HiCET**