PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE REACH GREATER HEIGHTS

Private University Estd. in Karnataka State by Act No. 41 of 2013

PRESIDENCY GROUP OVER 40 YEARS OF ACADEMIC WISDOM

**SCHOOL OF ENGINEERING**

**DEPARTMENT OF MECHANICAL ENGINEERING**

Ref. No: PU/SOE/MEC/ATR/BOS-15/2022-23 Date: 04 Aug 2022

Action taken Report on Curriculum Feedback

**Feedback/suggestions from Students and action taken report**

| Sl. No. | Feedback/suggestions | Action Taken |
|---|---|---|
| 1 | Latest trends and procedures followed in automotive industries have to be taught to students | The curriculum has 5 courses like Electric vehicles which are designed as per the current technologies adapted in the industry |
| 2 | The current industry is including additive manufacturing techniques for efficient manufacturing. Such courses have to be given preference | The University has 3D printer and students are made to know the working of the machine; Additive Manufacturing course is updated as per the industry requirements |

Based on the feedback received from stakeholders, few courses (Annexure 1) were revised.

***Annexure – 1***

***List of Courses in which Content Revision is undertaken for the Academic Year 2022-23 (M.Tech Program)***

| *S. No.* | *COURSE* | *Course Code* | *Credits* |
|---|---|---|---|
| 1 | Integrated Product Design and Process Development | MEC5008 | 3 |
| 2 | Industry 4.0 | MEC5002 | 3 |
| 3 | Optimization Techniques in Design | MEC 374 | 3 |
| 4 | Electric Vehicles | MEC5013 | 3 |
| 5 | Reverse Engineering | MEC5012 | 3 |
| 6 | Global product design and supply chain | MEC5018 | 3 |
| 7 | Industrial Design | MEC5007 | 3 |
| 8 | Lean Design and Manufacturing | MEC5014 | 3 |
| 9 | Materials for Product Design | MEC5017 | 3 |
| 10 | Creativity in Design | MEC5009 | 3 |
| 11 | Optimization Techniques | MEC5001 | 3 |
| 12 | Additive Manufacturing | MEC5006 | 3 |
| 13 | Quality Concepts in Product Development | MEC5016 | 3 |
| 14 | Modelling and Simulation | MEC5015 | 3 |
| 15 | Design for Internet of Things | MEC5004 | 3 |
| 16 | Design for Manufacture, Assembly and Environments | MEC 380 | 3 |
| 17 | Computer Applications In Design | MEC5010 | 3 |
| 18 | Six Sigma for Engineers | MEC5003 | 3 |

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**SCHOOL OF ENGINEERING**

**DEPARTMENT OF MECHANICAL ENGINEERING**

Ref. No: PU/SOE/MEC/ATR/BOS-15/2022-23 Date: 04 Aug 2022

Action taken Report on Curriculum Feedback

**Feedback/suggestions from Faculty Members and action taken report**

| Sl. No. | Feedback/suggestions | Action Taken |
|---|---|---|
| 1 | Courses have to be prepared as per the requirements in design and manufacturing sectors | The curriculum has 5 courses like Materials for Product Design and Creativity in Design and have been revised as per the need of the industry |
| 2 | Industry needs courses in maintaining quality as per standards | Courses like Quality Concepts in Product Development have been periodically revised |

Based on the feedback received from stakeholders, related courses (Annexure 1) were revised.

***Annexure – 1***

***List of Courses in which Content Revision is undertaken for the Academic Year 2022-23 (M.Tech Program)***

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|---|---|---|---|
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| 3 | Optimization Techniques in Design | MEC 374 | 3 |
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| 9 | Materials for Product Design | MEC5017 | 3 |
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## SCHOOL OF ENGINEERING

## DEPARTMENT OF MECHANICAL ENGINEERING

Ref. No: PU/SOE/MEC/ATR/BOS-15/2022-23 Date: 04 Aug 2022

Action taken Report on Curriculum Feedback

**Feedback/suggestions from Alumni and action taken report**

| Sl. No. | Feedback/suggestions | Action Taken |
|---|---|---|
| 1 | Elective courses need to be offered which bridge the gap between academic and industry | A number of 6 elective courses have been included in the curriculum that are prepared as per the needs of industry |
| 2 | Activities like seminar presentation need to be included to improve presentation skills | Activities like seminar presentation have been included as participative learning in a majority of courses |

Based on the feedback received from stakeholders, related courses (Annexure 1) were revised.

***Annexure – 1***

***List of Courses in which Content Revision is undertaken for the Academic Year 2022-23 (M.Tech Program)***

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## SCHOOL OF ENGINEERING

## DEPARTMENT OF MECHANICAL ENGINEERING

Ref. No: PU/SOE/MEC/ATR/BOS-15/2022-23 Date: 04 Aug 2022

Action taken Report on Curriculum Feedback

### Feedback/suggestions from Employer and action taken report

| Sl. No. | Feedback/suggestions | Action Taken |
|---|---|---|
| 1 | Industry needs courses that can simulate the process in manufacturing sector | 2 Courses like "Modeling and Simulation" have been included as per the requirement of the industry |
| 2 | Students must be taught about lean principles that improve workplace efficiency | Courses like "Lean Design and Manufacturing" have been included in the curriculum and periodically revised as per the recent trends in manufacturing sector |

Based on the feedback received from stakeholders, related courses (Annexure 1) were revised.

***Annexure – 1***

***List of Courses in which Content Revision is undertaken for the Academic Year 2022-23 (M.Tech Program)***

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