

**Department of Mechanical Engineering**  
**Invertis University Bareilly**

**Minutes Of Meeting**

<b>Meeting Name:</b>	<b>Board Of Studies Meeting for B.Tech In Mechanical Engineering</b>		
<b>Date of Meeting:</b>	<b>28-Aug-21</b>		
<b>Venue:</b>	<b>Online Zoom Platform</b>	<b>Start Time:</b>	<b>11:00AM</b>
<b>Chair:</b>	<b>Mr. Anuj Kumar(H.O.D ME)</b>	<b>End Time:</b>	<b>12:00 PM</b>
		<b>Minute Taker:</b>	<b>Mr. Amit Kumar</b>

- Member Present:**
1. Dr. Harish Kumar (Assistant Professor, NIT Delhi)
  2. Prof. Gonzalo Barluenga (UAH, Spain)
  3. Dr. Ajianshu Misha (Assistant Prof. ME Invertis University)
  4. Mr. Dheeraj Sagar (Assistant Prof. ME Invertis University)
  5. Mr. Krishna Kant (Assistant Prof. ME Invertis University)
  6. Mr. Amit Kumar (Assistant Prof. ME Invertis University)

**1. Agenda**

- 1 To consider the updation of Syllabus and Curriculum as per the suggestions by the Department Committee
- 2 To consider and approve the Curriculum Structure and Syllabus for the session 2021-22
- 3 To introduce new subjects in the upcoming curriculum as per the recent industrial demands
- 4 To modify the syllabus of the practical subjects to enhance the learning through practical applications

**2. Summary of Discussion and Suggestions**

- 1 Subject suggestions from the external expert members have been received.
- 2 Suggestion are analysed thoroughly and proposed updation is incorporated in the syllabus
- 3 Introduction of new Engineering Science course in the B.Tech first year curriculum is proposed for the upcoming session
- 4 Syllabus of Practical Courses are to be modified as per the requirement of recent industrial trends is suggested.
- 5 Introduction of Foundation courses to be introduced in the B.Tech 1st year curriculum are suggested by the members to enhance the understand of various engineering domain.
- 6 Application of Mathematical Tool viz. Matlab is proposed and introduced in the syllabus of B.Tech 3rd year practical subject

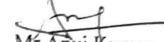
**3. Conclusions And Action Taken**

- 1 New subject viz. **Basic Civil and Mechanical Engineering (BME101/202)** is introduced in the first year curriculum as per the discussion and suggestion in the committee.
- 2 Introduction of new Engineering Science course viz. **Emerging Domain in Electroinc Engineering (BEC 101/201)** in the B.Tech first year for the upcoming session
- 3 Subject on computer viz. **Introduction to Computers (BCS101)** and **Introduction to Computer lab(BCS 151)** is introduced in the 1st semester for the upcoming session.

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- 4 In the **Fluid Mechanics Lab (BME 451)** there is updation of syllabus by the replacement of Experiments on Head loss with the Calibration of Venturimeter to enhance practical understanding of Fluid Systems
- 5 Revision in the syllabus of the **Theory of Machine Lab (BME 553)** is incorporated by the replacement of Experiment of Fringe Constant, Stress Concentration and Journal Bearing. Experiment on the Strain Rosette in introduced to due its vast application in the field of Mechanics
- 6 As suggested by the Expert Member in order to introduced the application of Mathematical tool viz. **MATLAB**, the syllabus of **Machine Design Laboratory(BME 651)** is revised by adding two experiaments based on coding on MATLAB i.e 1. Gear Design on Matlab and 2. Key Design on Matlab.

Regards:

  
Mr Anuj Kumar  
H.O.D ME & Chairman BOS  
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