**COURSE OUTLINE**

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| --- | --- |
| **Department & Faculty:**  | **Page** 1 of4 |
| **Course & Code:** **Hours:**  | **Semester:** **Academic Session:**  |
| **Lecturer :** **Room No :****Contact No :****Email :** **Synopsis** : **Learning Outcomes:**By the end of the course, students should be able to:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Course Learning Outcome** | **Programme Learning Outcome(s) Addressed** | **Taxonomies (C,P,A) & Soft Skills** | **Assessment Methods** |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |

 |
| **Prepared by****Name :** **Signature:****Date :**  | **Certified by(HOD)****Name :** **Signature:****Date :**  |

**COURSE OUTLINE**

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| **Department & Faculty:**  | **Page** 2 of4 |
| **Course & Code:** **Total Lecture Hours:**  | **Semester:** **Academic Session:**  |
| **Student Learning Time**

|  |  |
| --- | --- |
| **Teaching and Learning Activities** | **Student Learning Time (Hours)** |
|  |
| **Face to Face Learning** | **Lecturer Centered Learning (LCL)**1. Lecture
 |  |
| **Student Centered Learning (SCL)**1. Laboratory/Tutorial
2. self -learning
3. information search
4. reading
5. group discussion
 |  |
|  |
| **Self-Directed Learning** | **Non-face-to-face learning or student-centered learning (SCL) such as homework, group project, project** 1. information search
2. group discussion
3. presentation
4. report writing
 |  |
| **Revision** 1. information search
2. group discussion
3. report writing
 |  |
| **Assessment Preparations** 1. Reading
2. Discussion
 |  |
|  |
| **Formal Assessment** | **Formative Assessment (Continuous Assessment**1. Quiz
2. Mind mapping
3. Project presentation
 |  |
| **Final**  |  |
| **TOTAL** |  |

**Teaching Methods:**Lectures will be based on power point presentations, reading assignment and instruments’ critique/ review. Emphasize on Problem Based learning approach which involve group discussion and group assignment. |
| **Prepared by****Name :** **Signature:****Date :**  | **Certified by****Name :** **Signature:****Date :**  |

**COURSE OUTLINE**

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| **Department & Faculty:**  | **Page** 3 of4 |
| **Course & Code:** Introduction to Scaling and Instrumentation (MPF 2253)**Total Lecture Hours:** 42 hours (3 hours per week) | **Semester:** **Academic Session:**  |
| **Weekly Schedule:**

|  |  |
| --- | --- |
| **Week 1 :** |  |
| **Week 2 :** |  |
| **Week 3 :** |  |
| **Week 4 :** |  |
| **Week 5 :** |  |
| **Week 6 :** |  |
| **Week 7 :** |  |
| **Week 8 :** | **Semester Break** |
| **Week 9 :** |  |
| **Week 10 :** |  |
| **Week 11 :** |  |
| **Week 12 :** |  |
| **Week 13 :** |  |
| **Week 14 :** |  |
| **Week 15 :** |  |
| **Week 16-18 :** |  |

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| **Prepared by****Name :** **Signature:****Date :**  | **Certified by****Name :** **Signature:****Date :**  |

**COURSE OUTLINE**

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| **Department & Faculty:**  | **Page** 4 of4 |
| **Course & Code:** Introduction to Scaling and Instrumentation (MPF 2253)**Total Lecture Hours:** 42 hours (3 hours per week) | **Semester:** **Academic Session:**  |
|  **Text Book:**

|  |  |  |
| --- | --- | --- |
| **References**  | : |  |
|  |  |  |
|  |  |  |
|  |  |  |

**ASSESSMENT:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Assessment Types** | **Quantity** | **Criteria** | **%** | **Total** | **Date** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Total |  |  |

 **Notes:**PO1 PO2  |
| **Pepared by****Name :** **Signature:****Date :**  | **Certified by****Name :** **Signature:****Date :**  |