## Regent Education and Research Foundation Group of Institutions

## AY – 2022-23

| | |
|---|---|
| **Academic Year** | **2022 – 23 (ODD)** |
| **Department** | **EEE** |
| **Year / Semester** | **2nd /3rd** |
| **Name of Faculty** | **Ashmita Guha Chowdhury** |
| **Subject Name** | **Analog Electronics Theory** |
| **Subject Code** | **PC-EEE 302** |
| **Target Marks (%)** | **50%** |
| **No. of students achieved target marks** | **38** |
| **Total no. of students attempted** | **62** |
| **Percentage of students above target marks** | **61.29** |

| **Attainment Level (Theory)** | **Percentage** |
|---|---|
| **Level 1** | **11.29%** |
| **Level 2** | **27.42%** |
| **Level 3** | **61.29%** |
| **Attainment of CO** | |
| **CO1** | **3** |
| **CO2** | **3** |
| **CO3** | **3** |
| **CO4** | **3** |
| **CO5** | **3** |

| Course name | CO | Description |
|---|---|---|
| | **CO1** | To understand the structure and properties of different components of analog electronics. |
| | **CO2** | To explain principle of operation of analog electronics components and circuits. |
| | **CO3** | To understand the application of operational amplifier . |
| | **CO4** | To solve problems of analog electronic components and circuits |

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|---|---|---|
| | **CO5** | To analyze amplifiers, oscillators and other analog electronic circuits. |

| **Course Outcome Mapping to Program Outcome** | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CO** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** |
| **1** | 2 | 2 | | | | | | | | | | |
| **2** | | 3 | 2 | 2 | | | | | | | 3 | |
| **3** | | 2 | | | | | | | | | | |
| **4** | | | | 2 | | 1 | 2 | | | | | |
| **5** | | | | | 2 | 1 | | | | | | |
| **Attainment** | 0.4 | 1.4 | 0.4 | 0.8 | 0.4 | 0.4 | 0.4 | | | | 0.6 | |

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

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## AY – 2022-23

| | |
|---|---|
| **Academic Year** | **2022 – 23 (ODD)** |
| **Department** | **EEE** |
| **Year / Semester** | **4th/ 8th** |
| **Name of Faculty** | **Prodip Mozumdar** |
| **Subject Name** | **Analog and Digital Communication** |
| **Subject Code** | **PC-EEE-791** |
| **Target Marks (%)** | **50%** |
| **No. of students achieved target marks** | **63** |
| **Total no. of students attempted** | **63** |
| **Percentage of students above target marks** | **100%** |

| **Attainment Level (Theory)** | **Percentage** |
|---|---|
| **Level 1** | **0%** |
| **Level 2** | **0%** |
| **Level 3** | **100%** |
| **Attainment of CO** | |
| **CO1** | **3** |
| **CO2** | **3** |
| **CO3** | **3** |
| **CO4** | **3** |
| **CO5** | **3** |

| Course name | CO | Description |
|---|---|---|
| EEE | CO1 | identify appropriate equipment and instruments for the experin |
| | CO2 | test the instrument for application to the experiment. |
| | CO3 | construct circuits with appropriate instruments and safety precautions |
| | CO4 | apply different methods of modulations and demodulation in the laboratory |
| | CO5 | analyse experimental data obtained in the laboratory |

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|---|---|---|
| | CO6 | work effectively in a team |

| Course Outcome Mapping to Program Outcome | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CO** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** |
| **1** | 2 | | | | | | | | | | | |
| **2** | | 3 | 2 | | | | | | | | | |
| **3** | | 1 | | 2 | | | | | | | | |
| **4** | | 2 | | | | 1 | 2 | | | | | |
| **5** | 2 | | | | 2 | 1 | | | | | | |
| **6** | | | | 2 | | | | | | | | |
| **Attainment** | 0.6 | 1 | 0.3 | 0.6 | 0.3 | 0.3 | 0.3 | | | | | |

**Direct PO attainment**

1: Slight (Low) 2: Moderate (Medium) 3: Substantial (High)

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## AY – 2022-23

| | |
|---|---|
| **Academic Year** | **2022 – 23 (ODD)** |
| **Department** | **Civil Engineering** |
| **Year / Semester** | **2nd / 4th** |
| **Name of Faculty** | **YUVARAJ MONDAL** |
| **Subject Name** | **Introduction to Fluid Mechanics** |
| **Subject Code** | **CE (ES)401** |
| **Target Marks (%)** | **50%** |
| **No. of students achieved target marks** | **86** |
| **Total no. of students attempted** | **119** |
| **Percentage of students above target marks** | **72.27%** |

| **Attainment Level (Theory)** | **Percentage** |
|---|---|
| **Level 1** | **10.08%** |
| **Level 2** | **17.64%** |
| **Level 3** | **72.27%** |
| **Attainment of CO** | |
| **CO1** | **3** |
| **CO2** | **3** |
| **CO3** | **3** |
| **CO4** | **3** |
| **CO5** | **3** |
| **CO6** | **3** |

| **Course name** | **CO** | **Description** |
|---|---|---|
| **Introduction to Fluid Mechanics** | CE (ES) 401-1 | Define basic terms, values and laws in the areas of fluids properties, statics, kinematics and dynamics of fluids, and hydraulic design of pipe systems; |
| | CE (ES) 401-2 | Describe methods of implementing fluid mechanics laws and phenomena while analyzing the operational parameters of hydraulic problems; |
| | CE (ES) 401-3 | Practically apply tables and diagrams, and equations that define the associated laws; |

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|---|---|---|
| | CE (ES) 401-4 | Calculate and optimize operational parameters of hydraulic problems; |
| | CE (ES) 401-5 | Explain the correlation between different operational parameters; |

## Direct PO attainment

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CE (ES) 401-1 | 3 | | | 2 | 3 | 2 | 2 | | | 1 | 1 | |
| CE (ES) 401-2 | 3 | 3 | 2 | | 3 | | | | 2 | | | |
| CE (ES) 401-3 | 3 | 3 | 2 | | 3 | | 3 | | | | | |
| CE (ES) 401-4 | 3 | 3 | 2 | | 3 | | 2 | | 2 | 3 | | |
| CE (ES) 401-5 | 3 | | 2 | | 2 | | | 3 | | | | |
| **Attainment** | 3 | 1.8 | 1.6 | 0.4 | 2.8 | .4 | 1.4 | .6 | .8 | .8 | .2 | 0 |

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