**COMPLEX ENGINEERING ACTIVITIES (CEA)**

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| **Course Code & Name** |  |
| **Academic Session & Semester** |  |
| **Course Coordinator** |  |

**Programme Outcomes**

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| PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 |
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**ASSESSMENT 1: PROJECT**

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| **Select**  **Related** | **Attribute** | **Complex Engineering Characteristic** | **Comments from Course Coordinator** |
| EA1 | Range of resources | Involve the use of diverse resources (and for this purpose resources includes people, money, equipment, materials, information and technologies). |  |
| EA2 | Level of interactions | Require resolution of significant problems arising from interactions between wide ranging or conflicting technical, engineering  or other issues |  |
| EA3 | Innovation | Involve creative use of engineering principles and research-based knowledge in  Novel |  |
| EA4 | Consequences to society and the environment | Have significant consequences in a range of contexts, characterised by difficulty of prediction and mitigation. |  |
| EA5 | Familiarity | Can extend beyond previous experiences by applying principles-based approaches. |  |
| **CEA** | **Complex activities mean (engineering) activities or projects that have some or all of the above characteristics.** | | |