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| **Course Code – CE681** | | **Seminar** | **3P** | **2Credits** |
| **Course Objective** | To interact infront of the pupil to build self confidence, English speaking power, gain ability to appear confidently infront of interviewer | | | |
| **Course Outcome (CO)** | CO1. Demonstrate a sound technical knowledge of their selected seminar topic.  CO2. Undertake problem identification, formulation and solution.  CO3. Design engineering solutions to complex problems utilizing a systems approach.  CO4. Communicate with engineers and the community at large.  CO5. Demonstrate the knowledge, skills and attitudes of a professional engineer.. | | | |

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| **CO Distribution** | **Assignment 1 (T1)** | **Slot Test 1 (T2)** | **Assignment 2 (T3)** | **Slot Test 2 (T4)** |
| **CO1** | Q1 | Q1,Q2 |  |  |
| **CO2** | Q2, Q3 | Q2 | Q1 |  |
| **CO3** | Q4,Q5,Q6 | Q3,Q4,Q5 | Q6 | Q1 |
| **CO4** |  |  | Q7,Q8 | Q3,Q2 |
| **CO5** |  |  | Q5,Q10 | Q4 ,Q7,Q8 |

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| **Course outcomes** | **% of students achieved CO** | **Decision on CO result (achieved) (Y/N) with level** |
| **CO1** | 80% | Y (Level: 3) |
| **CO2** | 64% | Y(Level: 2) |
| **CO3** | 75% | Y(Level:2) |
| **CO4** | 68% | Y(Level:2) |
| **CO5** | 80% | Y(Level3) |
| **Average CO attainment for the course through CIE CE701** | 73.4% | Level:2 |

**Overall CO attainment (CE701) in the scale of 3**

= (40% of target level of average CO attainment through CIE) +(60% of target level of CO attainment through SEE)

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| **Subject Code** | **CO1** | | **CO2** | **CO3** | **CO4** | **CO5** | **Average CO Score**  **(CIE)** | **CO Score**  **(SEE)** | **Overall CO Attainment Score** |
| **CE502** | 3 | | 3 | 2 | 3 | 3 | 2.80 | 3 | 2.92 |

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| **CO-PO Mapping**  **Design of RC Structure**  **(Course Code – CE701)** | | | | | | | | | | | | | |
|  | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** |
| **CO1** | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| **CO2** | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 3 |
| **CO3** | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| **CO4** | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 3 |
| **CO5** | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 |
| **Average CO** | **2.0** | **1.6** | **2.0** | **2.67** | **2.0** | **2.0** | **2.0** | **1.6** | **2.0** | **1.6** | **2.0** | **2.4** |

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| **CO-PSO Mapping**  **Design of RC Structure**  **(Course Code – CE701)** | | | |
|  | **PSO1** | **PSO2** | **PSO3** |
| **CO1** | 2 | 3 | 3 |
| **CO2** | 2 | 3 | 3 |
| **CO3** | 2 | 2 | 2 |
| **CO4** | 2 | 3 | 3 |
| **CO5** | 3 | 2 | 3 |
| **Average CO** | 2.2 | 2.6 | 2.8 |

Following table has been generated considering mapping of CO-PO and CO attainment.

For, PO1 mapping value is = 2.0

Target PO = 3

Overall CO1 attainment score = 2.92

**Therefore, contribution to PO1 attainment is 2.92 × (2.0/3) =1.94 Others are calculated accordingly**

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| **PO Articulation Matrix** | | | | | | | | | | | | |
|  | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO10** | **PO11** | **PO12** |
| **CE502** | **1.94** | **1.55** | **1.28** | **1.71** | **1.71** | **1.71** | **1.71** | **1.55** | **1.71** | **1.55** | **1.71** | **1.53** |

Following table has been generated considering mapping of CO-PSO and CO attainment.

For, PSO1 mapping value is = 2.2

Target PSO = 3

Overall CO1 attainment score = 1.92

**Therefore, contribution to PSO3 attainment is 1.92 × (2.2/3) =1.41. Others are calculated accordingly**

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| **PSO Articulation Matrix** | | | |
|  | **PSO1** | **PSO2** | **PSO3** |
| **CE502** | **1.41** | **1.66** | **1.79** |