



EXCEL ENGINEERING COLLEGE
KOMARAPALAYAM - 637303
DEPARTMENT OF CIVIL ENGINEERING

Course Outcome Attainment Level (Batch 2019-23)

| Course | CO1 | CO2 | CO3 | CO4 | CO5 | Course Outcome Attainment Level |
|---------------------|------|------|------|------|------|---------------------------------|
| I Semester | | | | | | |
| C101 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C102 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 |
| C103 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 |
| C104 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 | 1.72 |
| C105 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| C106 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C107 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C108 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| II Semester | | | | | | |
| C109 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C110 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C111 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C112 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C113 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C114 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C115 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C116 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| III Semester | | | | | | |
| C201 | 3.00 | 2.00 | 2.00 | 2.00 | 2.00 | 1.34 |
| C202 | 3.00 | 3.00 | 2.00 | 3.00 | 1.00 | 2.40 |
| C203 | 3.00 | 3.00 | 3.00 | 3.00 | 2.00 | 2.80 |

| | | | | | | | |
|----------------------|------|------|------|------|------|------|------|
| C312 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C313 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C314 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C315 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C316 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C317 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C318 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| VII Semester | | | | | | | |
| C401 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C402 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C403 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C404 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C405 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C406 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C407 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| VIII Semester | | | | | | | |
| C408 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C409 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| C410 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |

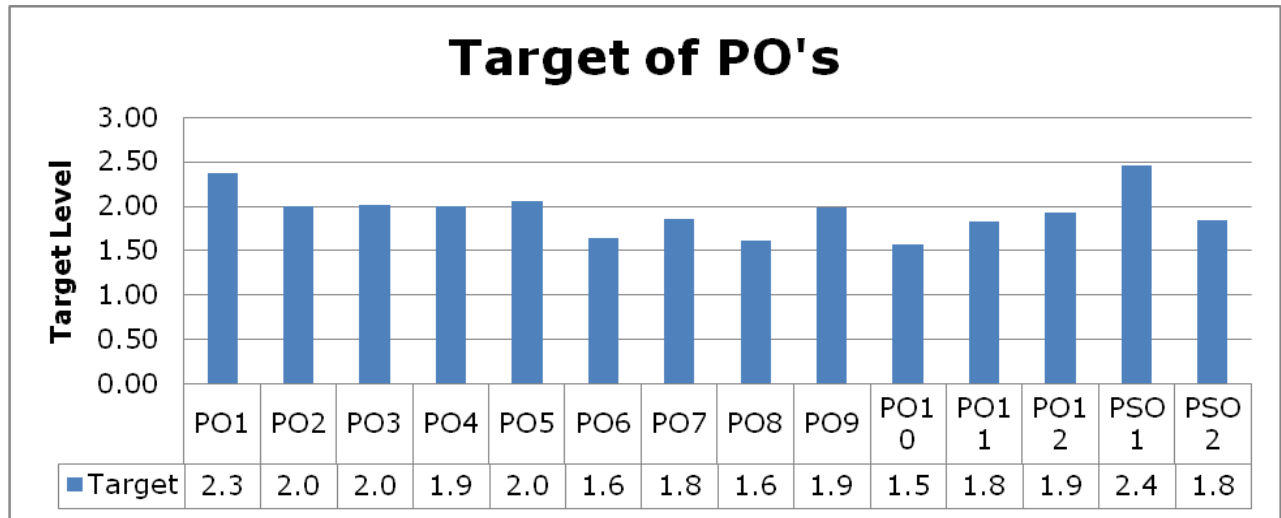
Program level Course - PO matrix for 2019-23 Batch

| Course code | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| C101 | 3 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 |
| C102 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | - | 1 | 1 | 1 | 1 |
| C103 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | 1 | - | 1 |
| C104 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | - | - | - |
| C105 | 3 | - | 3 | - | 3 | - | - | 2 | - | 3 | - | 3 |

| | | | | | | | | | | | | |
|------|---|-----|-----|---|-----|-----|-----|-----|---|---|---|---|
| C106 | 3 | - | 2 | - | - | - | - | - | - | - | - | 3 |
| C107 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | - | - | - | - | 3 |
| C108 | 3 | 2 | 3 | 3 | - | 3 | 3 | - | 3 | 3 | 3 | - |
| C109 | 3 | 1 | 1 | 1 | 1 | 1 | 3 | - | - | - | - | 2 |
| C110 | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | - | 1 |
| C111 | 2 | 2 | 2 | 2 | - | - | - | - | - | - | - | 1 |
| C112 | 2 | 1 | 1 | 2 | - | - | - | - | - | - | 1 | 2 |
| C113 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | 1 |
| C114 | 3 | - | 2 | - | - | - | - | - | - | - | - | 3 |
| C115 | 3 | 3 | 3 | 3 | - | - | - | - | 2 | - | - | - |
| C116 | 3 | - | - | - | - | 3 | 3 | - | - | - | - | 3 |
| C201 | 2 | 2 | 2 | 2 | - | - | - | - | - | - | 3 | 2 |
| C202 | 2 | 2.6 | 2.4 | 2 | 1.2 | 2.2 | 2.8 | 2.5 | 3 | - | 3 | 2 |
| C203 | 1 | 2 | 2 | - | - | - | - | - | 2 | - | 2 | 2 |
| C204 | 2 | 2 | 2 | - | - | - | - | - | - | - | 3 | 2 |
| C205 | 1 | 2 | 2 | - | - | - | - | - | - | - | 2 | 1 |
| C206 | 1 | 2 | 2 | - | - | - | - | - | - | - | 3 | 2 |
| C207 | 3 | 3 | 3 | - | - | - | - | - | 2 | 2 | 1 | 1 |
| C208 | 3 | 3 | 3 | 3 | 2 | - | - | - | 2 | - | - | 2 |
| C209 | 2 | 2 | - | - | - | 1 | - | - | 2 | - | 2 | 2 |
| C210 | 1 | 1 | 1 | 2 | - | - | - | - | 1 | - | - | 1 |
| C211 | 3 | 1 | - | - | 3 | 3 | 3 | - | - | - | - | 3 |
| C212 | 3 | - | 2 | - | - | - | - | - | - | - | - | 3 |
| C213 | 2 | 2 | 2 | 2 | 2 | - | - | 1 | - | - | - | 2 |

| | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C214 | 2 | 2 | 1.9 | 1.7 | - | - | - | - | - | - | - | 1.6 |
| C215 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | 0.6 | 0.6 |
| C216 | 3 | 3 | 3 | 3 | - | - | - | - | 2 | - | - | - |
| C217 | 3 | 3 | - | 3 | - | 1.6 | 1.4 | - | - | 1.2 | 1.2 | 2.4 |
| C218 | 2.2 | 2.4 | 2.6 | - | 3.0 | - | - | - | 2.0 | - | - | 2.2 |
| C301 | 2.8 | 2.6 | 2.4 | 3 | 3 | 2.4 | 2 | - | - | - | 2.4 | 2 |
| C302 | 3 | 2 | 2 | 2 | - | - | - | - | - | - | 2 | - |
| C303 | 1 | 1 | 1 | 1 | - | - | - | - | - | - | 1 | 1 |
| C304 | 3 | 3 | 2 | 3 | - | - | - | - | - | - | 2.4 | 2 |
| C305 | 3 | 3 | 3 | - | - | - | - | - | - | - | 2.3 | 1.9 |
| C306 | 2.8 | 2.6 | 2.4 | 3 | 3 | 2.4 | 2 | - | - | - | 2.4 | 2 |
| C307 | 3 | 3 | 3 | 3 | 2.5 | 1.6 | 1.2 | - | 2 | 1.2 | 1.2 | 2.4 |
| C308 | 3.0 | 2.7 | 3.0 | 2.0 | 2.2 | - | - | - | - | - | - | - |
| C309 | 2.3 | 2.7 | 3.0 | 2.0 | 2.2 | 0.0 | - | - | - | - | - | - |
| C310 | 3.0 | - | 2.0 | - | - | - | - | - | - | - | - | 3.0 |
| C311 | 3 | 2 | 2 | 2 | - | - | - | - | - | 1 | 2 | 2 |
| C312 | 3 | 2 | 2 | 2 | - | - | - | - | - | 1 | 1 | 2 |
| C313 | 2 | 2 | 2 | - | - | - | - | - | - | 1 | 2 | 2 |
| C314 | 2 | 2 | 2 | 2 | - | - | - | - | - | 1 | 2 | 2 |
| C315 | 2 | 2 | 2 | 2 | - | - | - | - | - | 1 | 2 | 2 |
| C316 | 2 | 2 | 2 | 2 | - | - | - | - | - | 1 | 2 | 2 |
| C317 | - | - | 1.0 | - | 1.0 | 1.2 | 1.8 | 1.6 | 1.6 | 1.0 | 1.0 | 1.0 |
| C318 | 1.6 | 2.0 | 2.0 | 1.0 | 2.0 | - | - | - | 3 | 1.5 | - | 2.0 |
| C401 | 3.0 | - | 2.0 | - | 2.9 | - | - | - | - | 2.0 | - | 3.0 |

| | | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|
| C402 | 3.0 | 1.6 | 2.8 | 2.6 | 2.4 | 1.4 | - | - | - | - | 2.2 | 1.6 |
| C403 | 2.6 | 2.4 | 2.4 | 2.6 | 2 | - | - | - | - | - | 2.2 | 2.4 |
| C404 | 2 | 1 | - | - | - | 1 | 1 | - | - | - | - | 1 |
| C405 | 2.8 | 3 | 2 | 1.6 | 2 | - | - | - | - | - | 1.8 | 2 |
| C406 | 2.4 | 1.3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 1 | 2 |
| C407 | 2.4 | - | 1 | 1 | - | 2 | 1 | - | - | 2 | 1 | 1 |
| C408 | - | - | - | - | 1 | 1 | - | 3 | 2 | 1 | - | 2 |
| C409 | 3 | 3 | 3 | 3 | 3 | - | - | - | 2 | 1.2 | 1.2 | 2.4 |
| C410 | 3 | 2.2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 2 |
| Direct | 2.37 | 2.00 | 2.02 | 1.99 | 2.05 | 1.64 | 1.85 | 1.61 | 1.98 | 1.57 | 1.83 | 1.92 |



PO & PSO Attainment for Batch 2019-23

| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO 10 | PO 11 | PO 12 | PSO 1 | PSO 2 |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|-------|
| C101 | 1.3 | 1.0 | 1.3 | 1.6 | 2.0 | 1.0 | 1.5 | 1.0 | 1.0 | 2.4 | 1.5 | 1.6 | - | - |
| C102 | 2.2 | 1.9 | 1.4 | 1.3 | 0.8 | 1.3 | 0.8 | - | 1.1 | 1.0 | 1.6 | 0.9 | - | - |
| C103 | 2.4 | 1.5 | 1.0 | 1.0 | 1.3 | 1.0 | 1.0 | 1.0 | - | 1.0 | - | 1.0 | - | - |
| C104 | 1.6 | 1.1 | 0.8 | 0.7 | 1.0 | 0.8 | 1.5 | 0.6 | 0.9 | 0.8 | 1.2 | 1.4 | - | - |
| C105 | 3.0 | - | 3.0 | - | 3.0 | - | - | 2.2 | - | 3.0 | - | 3.0 | 0.6 | - |
| C106 | 3.0 | 3.0 | 3.0 | 2.6 | 2.2 | 1.0 | 1.5 | 1.0 | 2.2 | 2.0 | 2.0 | 1.3 | 2.2 | 3.0 |
| C107 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | - | - | - | - | 3.0 | - | 2.0 |

| | | | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C108 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 |
| C109 | 2.8 | 1.6 | 1.0 | 1.5 | 1.5 | 1.3 | 2.8 | 1.3 | 1.4 | 1.0 | 1.6 | 2.2 | - | - |
| C110 | 1.0 | 1.0 | 1.0 | 1.3 | 1.0 | 1.0 | 1.0 | 1.0 | 2.6 | 2.5 | 1.7 | 1.2 | - | - |
| C111 | 2.4 | 2.2 | 1.4 | 2.0 | 0.8 | 1.7 | 0.8 | | 0.8 | 1.3 | 0.8 | 1.1 | - | - |
| C112 | 2.2 | 1.6 | 1.5 | 2.3 | 2.0 | 2.0 | 1.5 | 1.0 | 1.4 | 1.0 | 1.6 | 2.6 | - | - |
| C113 | 1.2 | 0.9 | 0.9 | 1.3 | 1.1 | 1.3 | 0.8 | 0.6 | 0.8 | 0.6 | 0.9 | 1.4 | - | - |
| C114 | 2.8 | 2.8 | 2.4 | 2.4 | - | - | - | - | - | - | - | 2.0 | 2.6 | 2.2 |
| C115 | 3.0 | 2.0 | 2.2 | 1.4 | 2.2 | 1.4 | 1.2 | 1.2 | 1.0 | 2.2 | 1.4 | 2.0 | 2.6 | 1.0 |
| C116 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | - | - | - | - | 3.0 | - | 2.0 |
| C201 | 2 | 2.6 | 2.4 | 2 | 1.2 | 2.2 | 2.8 | 2.5 | 3 | - | 3 | 2 | 2.8 | 2.4 |
| C202 | 2.0 | 2.6 | 2.4 | 2.0 | 1.2 | 2.2 | 2.8 | 2.5 | 3.0 | - | 3.0 | 2.0 | 2.8 | 2.4 |
| C203 | 1.6 | 2.0 | 1.9 | 1.6 | 0.9 | 1.7 | 2.2 | 2.0 | 2.4 | - | 2.4 | 1.6 | 2.2 | 1.9 |
| C204 | 2.0 | 2.6 | 2.4 | 2.0 | 1.2 | 2.2 | 2.8 | 2.5 | 3.0 | - | 3.0 | 2.0 | 2.8 | 2.4 |
| C205 | 1.6 | 2.0 | 1.9 | 1.6 | 0.9 | 1.7 | 2.2 | 2.0 | 2.4 | - | 2.4 | 1.6 | 2.2 | 1.9 |
| C206 | 1.8 | 2.4 | 2.2 | 1.8 | 1.1 | 2.0 | 2.6 | 2.3 | 2.7 | - | 2.7 | 1.8 | 2.6 | 2.2 |
| C207 | 3 | 3 | 3 | 3 | 2.5 | 1.6 | 1.2 | - | 2 | 1.2 | 1.2 | 2.4 | 3 | 2 |
| C208 | 3.0 | 3.0 | 3.0 | 3.0 | 2.5 | 1.6 | 1.2 | - | 2.0 | 1.2 | 1.2 | 2.4 | 3.0 | 2.0 |
| C209 | 2.3 | 2.6 | 2.5 | 2.3 | 1.6 | 1.8 | 2.0 | - | 2.4 | 1.2 | 2.1 | 2.0 | 2.7 | 2.1 |
| C210 | 1.5 | 1.3 | 1.0 | 1.7 | - | - | - | - | 1.0 | - | - | 1.0 | 3.0 | - |
| C211 | 2.4 | 2.4 | 2.3 | 2.2 | 2.0 | - | - | - | - | - | 2.0 | 1.8 | 3.0 | 2.4 |
| C212 | 1.0 | - | - | - | 1.0 | 1.2 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.2 | 2.0 | 1.4 |
| C213 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | - | - | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| C214 | 2.0 | 2.2 | 1.9 | 1.7 | - | - | - | - | - | - | - | 1.6 | 2.2 | 1.7 |
| C215 | 0.4 | 0.6 | 0.6 | 0.6 | - | - | - | - | - | - | 0.6 | 0.6 | 0.6 | 0.3 |
| C216 | 3.0 | 3.0 | - | 3.0 | - | 1.6 | 1.2 | - | - | 1.2 | 1.2 | 2.4 | 3 | 2 |
| C217 | 3.0 | 3.0 | - | 3.0 | - | 1.6 | 1.4 | - | - | 1.2 | 1.2 | 2.4 | 3 | 2 |
| C218 | 2.2 | 2.4 | 2.6 | - | 3.0 | - | - | - | 2.0 | - | - | 2.2 | 2.6 | - |
| C301 | 2.8 | 2.6 | 2.4 | 3 | 3 | 2.4 | 2 | - | - | - | 2.4 | 2 | 3 | 3 |
| C302 | 2.7 | 2.5 | 2.3 | 2.9 | 2.9 | 2.3 | 1.9 | - | - | - | 2.3 | 1.9 | 2.9 | 2.9 |
| C303 | 1.6 | 1.5 | 1.3 | 1.7 | 1.7 | 1.3 | 1.1 | - | - | - | 1.3 | 1.1 | 1.7 | 1.7 |
| C304 | 2.8 | 2.6 | 2.4 | 3 | 3 | 2.4 | 2 | - | - | - | 2.4 | 2 | 3 | 3 |
| C305 | 2.7 | 2.5 | 2.3 | 2.9 | 2.9 | 2.3 | 1.9 | - | - | - | 2.3 | 1.9 | 2.9 | 2.9 |
| C306 | 2.8 | 2.6 | 2.4 | 3 | 3 | 2.4 | 2 | - | - | - | 2.4 | 2 | 3 | 3 |
| C307 | 3 | 3.0 | 3 | 3 | 2.5 | 1.6 | 1.2 | - | 2 | 1.2 | 1.2 | 2.4 | 3 | 2 |
| C308 | 3.0 | 2.7 | 3.0 | 2.0 | 2.2 | - | - | - | - | - | - | - | 1.0 | - |
| C309 | 2.3 | 2.7 | 3.0 | 2.0 | 2.2 | 0.0 | - | - | - | - | - | - | 2.4 | 1.0 |
| C310 | - | 2.0 | - | 1.5 | - | 1.0 | 3.0 | - | 1.0 | - | - | - | - | - |

| | | | | | | | | | | | | | | |
|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| C311 | 1.8 | 2.0 | 2.0 | 1.9 | 1.5 | 1.5 | - | - | - | 1.0 | 2.0 | 2.0 | 2.2 | 1.4 |
| C312 | 1.8 | 2.0 | 2.0 | 1.9 | 1.5 | 1.5 | - | - | - | 1.0 | 2.0 | 2.0 | 2.2 | 1.4 |
| C313 | 1.8 | 2.0 | 2.0 | 1.9 | 1.5 | 1.5 | - | - | - | 1.0 | 2.0 | 2.0 | 2.2 | 1.4 |
| C314 | 1.8 | 2.0 | 2.0 | 1.9 | 1.5 | 1.5 | - | - | - | 1.0 | 2.0 | 2.0 | 2.2 | 1.4 |
| C315 | 1.8 | 2.0 | 2.0 | 1.9 | 1.5 | 1.5 | - | - | - | 1.0 | 2.0 | 2.0 | 2.2 | 1.4 |
| C316 | 1.8 | 2.0 | 2.0 | 1.9 | 1.5 | 1.5 | - | - | - | 1.0 | 2.0 | 2.0 | 2.2 | 1.4 |
| C317 | - | - | 1.0 | - | 1.0 | 1.2 | 1.8 | 1.6 | 1.6 | 1.0 | 1.0 | 1.0 | 2.4 | 1.0 |
| C318 | 1.6 | 2.0 | 2.0 | 1.0 | 2.0 | - | - | - | 3 | 1.5 | - | 2.0 | 2.6 | 1.0 |
| C401 | 1.0 | 1.0 | 1.0 | 1.0 | 1.3 | 1 | 1 | - | - | 1.4 | 1.3 | 1.0 | - | - |
| C402 | 3.0 | 1.6 | 2.8 | 2.6 | 2.4 | 1.4 | - | - | - | - | 2.2 | 1.6 | 3.0 | 3.0 |
| C403 | 2.6 | 2.4 | 2.4 | 2.6 | 2 | - | - | - | - | - | 2.2 | 2.4 | 3 | 2.25 |
| C404 | 1.6 | 2.8 | 2.2 | 1.4 | 1.0 | 1.5 | 1.0 | - | 1 | 2 | 1.0 | 1.0 | 3.0 | 2.0 |
| C405 | 2.8 | 3.0 | 2.0 | 1.6 | 2.0 | - | - | - | - | - | 1.8 | 1.0 | 2.8 | 2.0 |
| C406 | 2.4 | 1.3 | 1.0 | 1.0 | 1.0 | 1.6 | 1.5 | 1 | 1.8 | 2.8 | 1.0 | 2.2 | 1.6 | 1.0 |
| C407 | 2.4 | - | 1.0 | 1.0 | - | 2.0 | 1.0 | - | - | 2 | 1.0 | 1.5 | 1.8 | 1.0 |
| C408 | 3.0 | 3.0 | 3.0 | 3.0 | 2.5 | 1.6 | 1.2 | - | 2 | 1.2 | 1.2 | 2.4 | 3.0 | 2.0 |
| C409 | 3.0 | 3.0 | 3.0 | 3.0 | 2.5 | 1.6 | 1.2 | - | 2 | 1.2 | 1.2 | 2.4 | 3.0 | 2.0 |
| C410 | 3.0 | 2.2 | 2.0 | 1.8 | 2.0 | 2.3 | 1.8 | 2 | 2.8 | 1.6 | 1.6 | 2.0 | 3.0 | 1.6 |
| Attained | 2.26 | 2.16 | 2.06 | 2.04 | 1.85 | 1.66 | 1.72 | 1.56 | 1.92 | 1.46 | 1.76 | 1.86 | 2.47 | 1.94 |

Table B.3.3.2a PO & PSO Attainment for Batch 2019-23

Indirect Attainment Level – POs & PSOs Batch 2019-23

| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO 10 | PO 11 | PO 12 | PSO 1 | PSO 2 |
|------------------------------------|-----|------|------|------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|
| Program Exit Survey | 2.1 | 1.2 | 1.8 | 1.51 | 1.95 | 0.6 | 0.8 | 0.4 | 1 | 1.6 | 1.3 | 0.4 | 1.2 | 1.2 |
| Employers Survey | 2.2 | 1.2 | 1.8 | 1.5 | 1.95 | 0.8 | 0.9 | 0.4 | 1.1 | 1.6 | 1.3 | 0.6 | 1.4 | 1.4 |
| Alumni Survey | 2 | 1 | 2.1 | 1.62 | 2 | 0.6 | 0.7 | 0.6 | 1.2 | 1.6 | 1.3 | 0.2 | 1 | 1 |
| Parent Feedback Survey | 2.1 | 1.2 | 1.6 | 1.5 | 1.95 | 0.4 | 0.8 | 0.4 | 1 | 1.4 | 1.6 | 0.4 | 1.2 | 1.2 |
| Co-curricular Activities | 2 | 1 | 1.6 | 1.6 | 2 | 0.8 | 0.9 | 0.2 | 1.05 | 1.4 | 1 | 0.4 | 1.2 | 1.2 |
| Industrial Activities | 2 | 1.15 | 1.5 | 1.6 | 1.8 | 0.6 | 0.8 | 0.4 | 1 | 1.6 | 1.3 | 0.2 | 1.2 | 1.2 |
| Extra-Curricular Activities | 2.1 | 1.27 | 1.15 | 1.25 | 2 | 0.4 | 0.8 | 0.4 | 1 | 1.8 | 1.4 | 0.6 | 1.4 | 1.2 |
| Indirect Avg. | 2.1 | 1.15 | 1.65 | 1.51 | 1.95 | 0.6 | 0.8 | 0.4 | 1.05 | 1.6 | 1.3 | 0.4 | 1.2 | 1.2 |

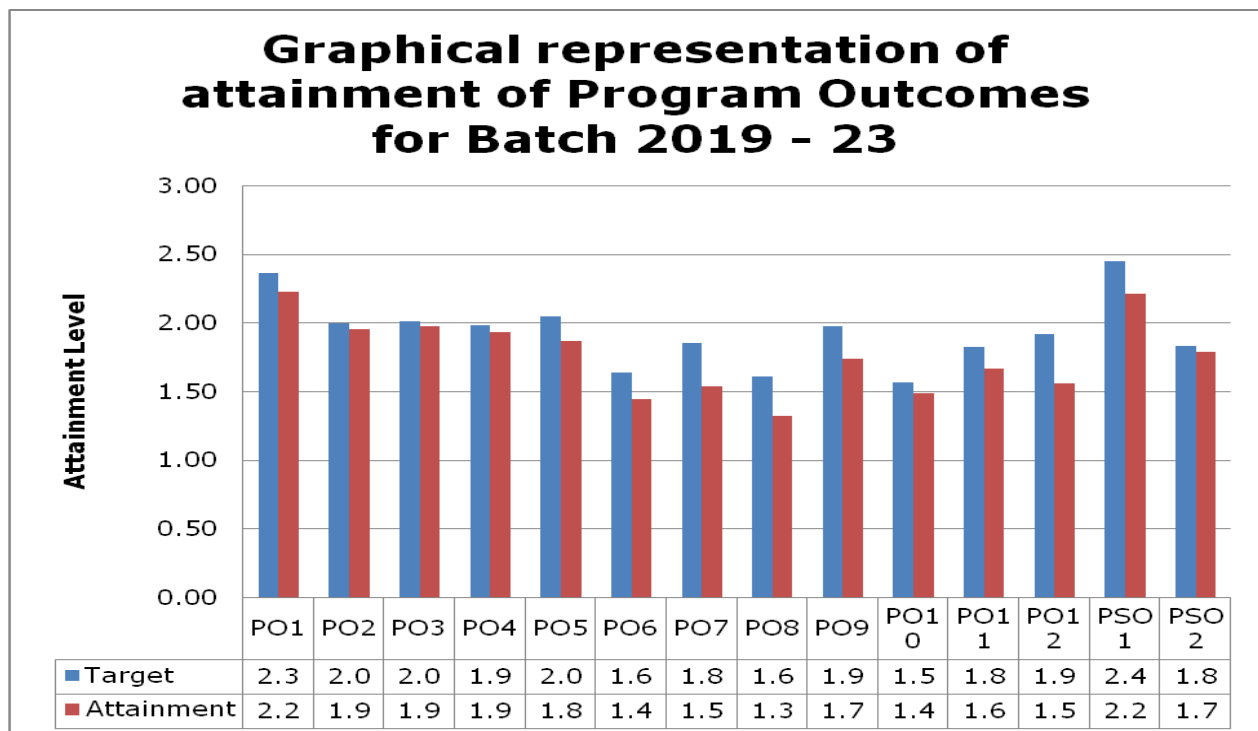
Table B.3.3.2b Indirect Attainment Level – POs & PSOs Batch 2019-23

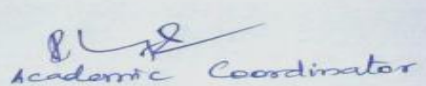
| CO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO | PO | PO | PSO | PSO |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|-----|

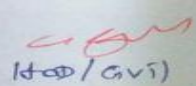
| | | | | | | | | | | 10 | 11 | 12 | 1 | 2 |
|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Direct attainment | 2.26 | 2.16 | 2.06 | 2.04 | 1.85 | 1.66 | 1.72 | 1.56 | 1.92 | 1.46 | 1.76 | 1.86 | 2.47 | 1.94 |
| Indirect Attainment | 2.1 | 1.15 | 1.65 | 1.51 | 1.95 | 0.6 | 0.8 | 0.4 | 1.05 | 1.6 | 1.3 | 0.4 | 1.2 | 1.2 |
| Direct attainment 80% (A) | 1.81 | 1.73 | 1.65 | 1.63 | 1.48 | 1.33 | 1.38 | 1.25 | 1.53 | 1.17 | 1.41 | 1.48 | 1.97 | 1.55 |
| Indirect attainment 20% (B) | 0.42 | 0.23 | 0.33 | 0.30 | 0.39 | 0.12 | 0.16 | 0.08 | 0.21 | 0.32 | 0.26 | 0.08 | 0.24 | 0.24 |
| Overall attainment | 2.23 | 1.96 | 1.98 | 1.93 | 1.87 | 1.45 | 1.54 | 1.33 | 1.74 | 1.49 | 1.67 | 1.56 | 2.21 | 1.79 |


Table B.3.3.2c Overall Attainment for the Pos & PSOs Batch 2019-23

| PO-PSO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO 10 | PO 11 | PO 12 | PSO 1 | PSO 2 |
|-----------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| Target | 2.37 | 2.00 | 2.02 | 1.99 | 2.05 | 1.64 | 1.85 | 1.61 | 1.98 | 1.57 | 1.83 | 1.92 | 2.45 | 1.83 |
| Attained | 2.23 | 1.96 | 1.98 | 1.93 | 1.87 | 1.45 | 1.54 | 1.33 | 1.74 | 1.49 | 1.67 | 1.56 | 2.21 | 1.79 |




 Academic Coordinator


 HEAD OF THE DEPARTMENT
 CIVIL ENGINEERING,
 EXCEL ENGINEERING COLLEGE
 KOMARAPALAYAM 637 389.



EXCEL ENGINEERING COLLEGE (Autonomous)

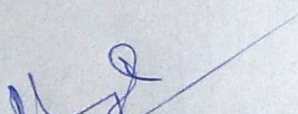
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA(AERO, CSE, ECE, MECH & NAAC with "A+" and Recognised by UGC (2f & 12B)

KOMARAPALAYAM - 637303
ME Structural Engineering
Regulation - 2022

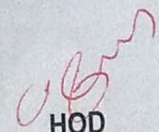
Batch - 2021-2023

Consolidated CO ATTAINMENT

| COURSE CODE/COURSE NAME | CO 1 | CO 2 | CO 3 | CO 4 | CO 5 | CO AVERAGE |
|-------------------------|------|------|------|------|------|------------|
| SEMESTER I | | | | | | |
| SE101 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 |
| SE102 | 3.0 | 3.0 | 3.0 | 3.0 | 2.8 | 3.0 |
| SE103 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 |
| SE104 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 |
| SE105 | 3.0 | 3.0 | 3.0 | 3.0 | 2.8 | 3.0 |
| SE106 | 3.0 | 2.8 | 3.0 | 3.0 | 3.0 | 3.0 |
| SEMESTER II | | | | | | |
| SE107 | 3.0 | 3.0 | 3.0 | 3.0 | 2.8 | 3.0 |
| SE108 | 3.0 | 3.0 | 2.8 | 3.0 | 3.0 | 3.0 |
| SE109 | 3.0 | 3.0 | 3.0 | 2.8 | 3.0 | 3.0 |
| SE110 | 3.0 | 3.0 | 3.0 | 3.0 | 2.8 | 3.0 |
| SE111 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| SE112 | 3.0 | 2.8 | 3.0 | 3.0 | 3.0 | 3.0 |
| SE113 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| SEMESTER III | | | | | | |
| SE201 | 3.0 | 3.0 | 3.0 | 2.8 | 3.0 | 3.0 |
| SE202 | 3.0 | 3.0 | 3.0 | 3.0 | 2.8 | 3.0 |
| SE203 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| SE204 | 3.0 | 2.8 | 3.0 | 3.0 | 3.0 | 3.0 |
| SE205 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 |
| SEMESTER IV | | | | | | |
| SE206 | 3.0 | 2.8 | 3.0 | 3.0 | 3.0 | 3.0 |


Academic coordinator




HOD
HEAD OF THE DEPARTMENT
CIVIL ENGINEERING,
EXCEL ENGINEERING COLLEGE
KOMARAPALAYAM - 637303

EXCEL ENGINEERING COLLEGE
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA(AERO, CSE, ECE, MECH & NAAC with "A+" and Recognised by UGC (2f & 12B)
KOMARAPALAYAM - 637303
DEPARTMENT OF CIVIL ENGINEERING
M.E - Structural Engineering - 2021-23 BATCH
Consolidated PO Attainment

| COURSE CODE | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PO 8 | PO 9 | PO 10 | PO 11 | PO 12 | PSO 1 | PSO 2 |
|---------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| SEMESTER I | | | | | | | | | | | | | | |
| SE101 | 2.20 | 0.00 | - | 2.00 | - | - | - | - | 1.50 | - | - | - | 3.00 | - |
| SE102 | 2.00 | 2.00 | 2.00 | - | - | - | - | 1.00 | - | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 |
| SE103 | 3.00 | 3.00 | 2.00 | 2.00 | - | - | 1.00 | - | - | - | 2.00 | 2.00 | 3.00 | 2.00 |
| SE104 | 2.4 | 1.67 | 2 | 2 | - | - | 1 | 1 | - | - | 2 | 2 | 2.67 | 2 |
| SE105 | 2.40 | 1.67 | 2.00 | 2.00 | - | - | - | 1.00 | 1.50 | 2.00 | 2.00 | 2.00 | 2.67 | 2.00 |
| SE106 | 2.40 | - | - | - | - | - | 1.00 | 1.00 | 1.50 | 2.00 | 2.00 | 2.00 | 2.67 | 2.00 |
| SEMESTER II | | | | | | | | | | | | | | |
| SE107 | 2.55 | 2.11 | 2.00 | 2.00 | - | - | - | - | - | - | 2.00 | 2.00 | 2.75 | 2.00 |
| SE108 | 2.44 | 1.81 | 2.00 | 2.00 | - | - | - | 1.00 | 1.50 | 2.00 | 2.00 | 2.00 | 2.69 | 2.00 |
| SE109 | 2.45 | 1.86 | 2.00 | 2.00 | - | - | - | - | - | - | - | 2.00 | 2.69 | 2.00 |
| SE110 | 2.46 | 1.93 | 2.00 | 2.00 | - | - | - | - | - | - | - | 2.00 | 2.70 | 2.00 |
| SE111 | 2.47 | 1.93 | 2.00 | 2.00 | - | - | - | 1.00 | 1.50 | 2.00 | 2.00 | 2.00 | 2.71 | 2.00 |
| SE112 | 2.47 | 1.93 | 2.00 | 2.00 | - | - | - | 1.00 | 1.50 | 2.00 | 2.00 | 2.00 | 2.71 | 2.00 |
| SE113 | 1.20 | 2.00 | 2.00 | 2.00 | - | - | - | - | - | - | 2.00 | 2.00 | 2.71 | 2.00 |
| SEMESTER III | | | | | | | | | | | | | | |
| SE201 | 2.15 | 1.95 | 2.00 | - | - | - | - | - | - | - | - | 2.00 | 2.53 | 1.85 |
| SE202 | 2.00 | 2.00 | 2.00 | 2.00 | - | - | - | 1.00 | 2.00 | - | - | 2.00 | 2.00 | 2.00 |
| SE203 | 1.96 | 1.97 | 2.30 | 2.00 | - | - | - | - | - | - | 2.00 | 2.00 | 2.00 | 1.81 |
| SE204 | 1.83 | 1.98 | 2.08 | 2.00 | - | - | - | 1.00 | - | 2.00 | 2.00 | 2.00 | 2.13 | 1.77 |
| SE205 | 1.98 | 1.97 | 2.09 | - | - | - | - | - | - | - | - | 2.00 | 2.17 | 1.86 |
| SEMESTER IV | | | | | | | | | | | | | | |
| SE206 | 1.94 | 1.98 | 2.12 | 2.00 | - | - | - | 1.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.07 | 1.86 |

[Signature]
Academic coordinator



[Signature]
HOD
HEAD OF THE DEPARTMENT
CIVIL ENGINEERING.