

# AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

## DEPARTMENT OF INFORMATION TECHNOLOGY

### Attainment of Program Outcomes (POs) and Program Specific Outcomes (PSOs)

The overall PO and PSO attainment is computed by applying the following relation.

**Overall PO-PSO attainment = 80 % × direct attainment + 20% × in-direct attainment**

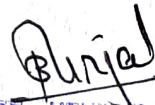
#### In-direct measurement attainment of PO's-PSO's

The PO and PSO attainments by indirect measurement methods is computed by correlating PO and PSO attainment through survey questions. Table shows attainment of PO and PSO by In-direct measurement methods of attainment for the academic year 2019-20.

| Sr. No | Feedback                           | PO1 EK | PO2 PA | PO3 DD | PO4 CPI | PO5 MTU | PO6 E&S | PO7 ES | PO8 Eth | PO9 TW | PO10 Com | PO11 PMF | PO12 LL | PSO1 | PSO2 | PSO3 |
|--------|------------------------------------|--------|--------|--------|---------|---------|---------|--------|---------|--------|----------|----------|---------|------|------|------|
| 1      | Graduate exit survey               | 3.00   | 3.00   | 3.00   | 3.00    | 3.00    | 3.00    | 3.00   | 3.00    | 3.00   | 3.00     | 3.00     | 3.00    | 3.00 | 3.00 | 3.00 |
| 2      | Alumni survey                      | 2.00   | 1.00   | 1.00   | 2.00    | 2.00    | 2.00    | 2.00   | 2.00    | 2.00   | 2.00     | 2.00     | 2.00    | 2.00 | 2.00 | 2.00 |
| 3      | Employer survey                    | 2.5    | 2.5    | 2.2    | 2.5     | 2.5     | 2.5     | 2.5    | 2.5     | 2.5    | 2.5      | 2.5      | 2.5     | 2.5  | 2.5  | 2    |
|        | Average Indirect PO-PSO Attainment | 2.5    | 2.2    | 2.1    | 2.5     | 2.5     | 2.5     | 2.5    | 2.5     | 2.5    | 2.5      | 2.5      | 2.5     | 2.5  | 2.5  | 2.3  |

The overall PO attainment for the academic year 2019-20 is presented in **Table**.

| Sr. No | Final PO Calculation                | PO1 EK | PO2 PA | PO3 DD | PO4 CPI | PO5 MTU | PO6 E&S | PO7 ES | PO8 Eth | PO9 TW | PO10 Com | PO11 PMF | PO12 LL | PSO1 | PSO2 | PSO3 |
|--------|-------------------------------------|--------|--------|--------|---------|---------|---------|--------|---------|--------|----------|----------|---------|------|------|------|
| 1      | Direct Attainment (DA)              | 2      | 2      | 2      | 2       | 2       | 1       | 1      | 1       | 1      | 2        | 1        | 2       | 2    | 2    | 2    |
| 2      | Indirect Attainment (IDA)           | 2.5    | 2.2    | 2.1    | 2.5     | 2.5     | 2.5     | 2.5    | 2.5     | 2.5    | 2.5      | 2.5      | 2.5     | 2.5  | 2.5  | 2.3  |
| 3      | Overall Attainment = 0.8*DA+0.2*IDA | 2.1    | 2.0    | 2.0    | 2.1     | 2.1     | 1.3     | 1.3    | 1.3     | 1.3    | 2.1      | 1.3      | 2.1     | 2.1  | 2.1  | 2.1  |
|        | PO-PSO Target Attainment level      | 1.73   | 1.73   | 1.73   | 1.73    | 1.73    | 1.73    | 1.73   | 1.73    | 1.73   | 1.73     | 1.73     | 1.73    | 1.73 | 1.73 | 1.73 |
|        | PO-PSO Attainment gap               | 0.4    | 0.3    | 0.3    | 0.4     | 0.4     | -0.4    | -0.4   | -0.4    | -0.4   | 0.4      | -0.4     | 0.4     | 0.4  | 0.4  | 0.3  |

  
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