

**DEPARTMENT OF
ELECTRICAL AND
ELECTROICS
ENGINEERING**

**Department of Electrical and Electronics
Engineering**

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**PERIYAR
MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University)
Established Under Sec. 3 of UGC Act, 1956 - NAAC A++ Grade
think • innovate • transform

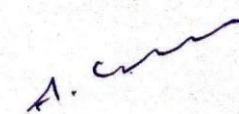
2018-2022 CO ATTAINMENT

| COURSE CODE | CO1 | CO2 | CO3 | CO4 | CO5 |
|-------------|-------|-------|-------|-------|-------|
| XMA101 | 59.81 | 52.23 | 55.44 | 55.24 | 55.4 |
| XES102 | 44 | 46.8 | 47.13 | 46.77 | 47.13 |
| XBE103 | 72.12 | 68.92 | 66.52 | 66.52 | 65.17 |
| XAP104 | 74.35 | 72.05 | 73.54 | 74.19 | 72.12 |
| XEG105 | 71.83 | 58.89 | 51.34 | 51.55 | 53.27 |
| XMA201 | 57.79 | 54.55 | 54.69 | 57.3 | 56.65 |
| XCP202 | 82.64 | 80.57 | 80.86 | 81.05 | 81.11 |
| XGS203 | 94.55 | 93.01 | 90.17 | 89.48 | 82.46 |
| XAC204 | 76.95 | 76.68 | 78.08 | 77.8 | 78.55 |
| XWP205 | 94.28 | 94.51 | 94.97 | 95.2 | 94.24 |
| XEE301 | 58.73 | 58.73 | 96.83 | 96.83 | 48.38 |
| XEE302 | 67.74 | 76.56 | 87.5 | 89.06 | 56.57 |
| XEE303 | 92 | 86.24 | 78.41 | 93.65 | 80.13 |
| XEE304 | 56.25 | 68.81 | 43.83 | 42.19 | 43.75 |
| XEE305 | 73.01 | 60.31 | 73.02 | 53.97 | 98.41 |
| XPS401 | 49.21 | 31.75 | 46.03 | 46.03 | 55.56 |
| XEE402 | 87.5 | 92 | 93.75 | 93.75 | 84.38 |
| XEE403 | 68.74 | 45.16 | 65.48 | 54.84 | 45.16 |
| XEE404 | 87.5 | 76.56 | 87.5 | 89.06 | 89.06 |
| XUM405 | 73.01 | 60.31 | 73.02 | 53.97 | 98.41 |
| XEE406 | 58.73 | 58.73 | 96.83 | 96.83 | 100 |
| XEE501 | 100 | 100 | 95 | 80 | 70 |
| XEE502 | 100 | 95.24 | 98.41 | 93.65 | 84.13 |
| XEE503 | 96.83 | 52.38 | 55.56 | 77.78 | 31.75 |
| XEE511 | 89 | 94 | 100 | 78 | 82 |
| XUM506 | 89.48 | 92.24 | 84.13 | 77.78 | 68.7 |
| XUM601 | 73.41 | 78.69 | 68.41 | 98.41 | 92.54 |
| XEE602 | 100 | 100 | 65 | 90 | 50 |

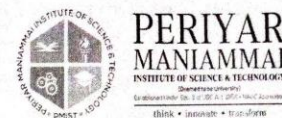
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|---------|-------|-------|-------|-------|-------|
| XEEE21 | 100 | 90 | 95 | 90 | 90 |
| XEEE31 | 100 | 93 | 78 | 92 | 78 |
| XUM 606 | 87.5 | 64.06 | 87.5 | 85.94 | 90.63 |
| XEEE41 | 100 | 93.55 | 90.32 | 87.1 | 69.03 |
| XEEE51 | 96.77 | 100 | 74.19 | 83.87 | 70.97 |
| XUM703 | 90.54 | 90.32 | 93.55 | 80.65 | 93.55 |
| XEE706 | 100 | 100 | 100 | 100 | 100 |
| XUM801 | 91.83 | 88.72 | 78.24 | 98.41 | 74.06 |
| XEEE61 | 76.52 | 50.79 | 69.68 | 53.97 | 30.16 |
| XEE804 | 96 | 96 | 96 | 96 | 96 |


HoD/EEE

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2018 – 2022 PO ATTAINMENT

| COURSE CODE | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| XMA101 | 55.62 | 45.17 | 0 | 0 | 58.34 | 0 | 0 | 0 | 0 | 55.62 | 0 | 56.19 | 0 | 0 |
| XES102 | 46.08 | 91.01 | 69.01 | 29.33 | 22 | 42.46 | 57.86 | 77.03 | 92.53 | 23.56 | 0 | 46.36 | 45.39 | 45.39 |
| XBE103 | 68.29 | 51.06 | 56.14 | 54.06 | 56.14 | 56.14 | 66.07 | 66.07 | 67.85 | 67.85 | 67.85 | 0 | 67.85 | 67.85 |
| XAP104 | 73.25 | 74.02 | 65.37 | 61.63 | 36.93 | 0 | 0 | 0 | 74.02 | 0 | 0 | 73.25 | 73.44 | 73.42 |
| XEG105 | 57.37 | 45.59 | 53.09 | 45.59 | 45.59 | 0 | 0 | 0 | 0 | 0 | 0 | 57.37 | 57.37 | 52.58 |
| XMA201 | 56.19 | 49.77 | 0 | 0 | 57.41 | 0 | 0 | 0 | 0 | 56.19 | 0 | 56.48 | 49.69 | 58.62 |
| XCP202 | 81.24 | 81.84 | 54.56 | 55.09 | 81.84 | 81.05 | 81.05 | 80.98 | 0 | 81.08 | 0 | 80.57 | 82.64 | 80.71 |
| XGS 203 | 92.03 | 0 | 0 | 0 | 0 | 0 | 92.46 | 0 | 91.80 | 0 | 0 | 0 | 0 | 0 |
| XAC204 | 77.67 | 0 | 0 | 0 | 0 | 0 | 77.72 | 77.61 | 77.67 | 0 | 0 | 0 | 76.81 | 76.86 |
| XWP205 | 94.50 | 85.16 | 0 | 77.48 | 77.42 | 0 | 0 | 0 | 6783 | 0 | 94.97 | 0 | 94.66 | 94.53 |

| | | | | | | | | | | | | | | |
|---------|-------|-------|-------|-------|---------|-------|--------|-------|---------|---------|---------|-------|---------|--------|
| XEE 301 | 71.9 | 80.68 | 0 | 0 | 72.60 | 0 | 0 | 0 | 0 | 71.9 | 80.68 | 76.05 | 77.63 | 75.19 |
| XEE 302 | 74.51 | 81.93 | 0 | 0 | 67.4 | 0 | 0 | 0 | 0 | 75.48 | 77.71 | 77.48 | 75.48 | 75.48 |
| XEE 303 | 4664 | 4852 | 0 | 0 | 48.72 | 0 | 0 | 0 | 0 | 42.17 | 57.73 | 86.0 | 40 | 0 |
| XEE 304 | 51.84 | 37.65 | 43.75 | 18.75 | 0 | 0 | 0 | 0 | 0 | 56.25 | 68.81 | 47.94 | 52.26 | 48.69 |
| XEE 305 | 71.74 | 59.68 | 59.68 | 75.13 | 0 | 0 | 0 | 0 | 0 | 71.74 | 76.19 | 71.74 | 67.57 | 69.38 |
| XPS 401 | 45.71 | 39.36 | 39.36 | 49.20 | 50.79 | 50.79 | 55.56 | 0 | 45.71 | 45.71 | 50.79 | 45.71 | 48.16 | 51.23 |
| XEE 402 | 89.92 | 70.14 | 80.62 | 0 | 0 | 55 | 90.62 | 91.01 | 90.04 | 88.54 | 89.06 | 89.40 | 89.62 | 90.58 |
| XEE 403 | 59.29 | 50.86 | 42.15 | 22.58 | 45.16 | 61.79 | 59.30 | 45.16 | 0 | 0 | 0 | 68.74 | 55.19 | 54.39 |
| XEE 404 | 85.71 | 66.01 | 62.72 | 68.57 | 73.69 | 0 | 0 | 0 | 0 | 0 | 0 | 86.19 | 84.82 | 85.93 |
| XUM 405 | 0 | 0 | 54.16 | 45.05 | 70.89 | 45.08 | 70.89 | 76.19 | 66.03 | 69.83 | 62.43 | 75.13 | 70.29 | 71.74 |
| XEE 406 | 82.22 | 44.44 | 51.85 | 72.56 | 70.89 | 48.41 | 96.83 | 77.78 | 58.73 | 98.41 | 96.83 | 73.97 | 58.73 | 88.09 |
| XEE 501 | 89 | 81.7 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 89 | 81.7 | 90 | 89 | 89 |
| XEE 502 | 94.76 | 86.66 | 85.18 | 94.55 | 70.89 | 67.85 | 94.2 | 93.25 | 94.00 | 91.00 | 93.65 | 93.65 | 92.74 | 92.51 |
| XEE 503 | 64.68 | 28.25 | 58.96 | 31.21 | 70.89 | 55.56 | 41.274 | 0 | 51.3913 | 57.3729 | 64.8167 | 65.08 | 68.2567 | 62.86 |
| XEE E11 | 80 | 74.07 | 63.89 | 74.07 | 80 | 0 | 0 | 100 | 75.93 | 0 | 0 | 38.88 | 80 | 80 |
| XUM 506 | 82.46 | 68.7 | 0 | 64.01 | 0 | 0 | 0 | 73.24 | 76.87 | 0 | 0 | 0 | 0 | 0 |
| XUM 601 | 80.37 | 61.57 | 69.05 | 69.05 | 66.7227 | 0 | 0 | 0 | 78.69 | 83.50 | 73.55 | 80.47 | 78.99 | 82.975 |

| | | | | | | | | | | | | | | |
|--------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| XEE 602 | 86 | 91.7 | 80 | 80 | 79.5 | 0 | 0 | 0 | 100 | 96.7 | 82.5 | 57.5 | 83.8 | 75 |
| XEE E21 | 94 | 95 | 94.5 | 96.67 | 95 | 92.27 | 93 | 92 | 95 | 0 | 93 | 90 | 95 | 95 |
| XEE E31 | 89.58 | 68.2 | 92 | 100 | 64 | 67.5 | 89 | 85.25 | 92 | 96.5 | 94.75 | 86.8 | 90.33 | 87.28 |
| XUM 606 | 0 | 86.46 | 51.87 | 0 | 21.48 | 88.44 | 88.80 | 88.54 | 85.94 | 89.06 | 81.44 | 79.94 | 81.47 | 81.69 |
| XEE E41 | 89.4625 | 69.29 | 100 | 69.03 | 90.32 | 86.45 | 87.1 | 95.16 | 0 | 0 | 0 | 87.00 | 87.01 | 87.74 |
| XEE E51 | 87.74 | 72.57 | 78.06 | 0 | 65.94 | 70.97 | 87.90 | 72.58 | 0 | 0 | 0 | 70.97 | 87.55 | 86.21 |
| XUM 703 | 0 | 0 | 66.18 | 0 | 79.42 | 70.36 | 0 | 89.01 | 0 | 0 | 0 | 0 | 0 | 0 |
| XEE 706 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| XUM 801 | 0 | 0 | 68.50 | 85.63 | 85.63 | 68.50 | 86.25 | 86.25 | 86.25 | 0 | 86.25 | 86.25 | 86.25 | 86.25 |
| XEE E61 | 56.22 | 51.27 | 0 | 0 | 42.06 | 0 | 0 | 0 | 0 | 56.22 | 51.27 | 58.46 | 0 | 53.86 |
| XEE 804 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 | 96 |
| DIRECT ATTAINMENT | 73.86 | 74.30 | 69.69 | 67.06 | 68.21 | 51.39 | 62.84 | 62.78 | 67.22 | 62.85 | 57.80 | 67.11 | 69.81 | 69.70 |
| INDIRECT ATTAINMENT | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| ATTAINMENT % | 86.93 | 87.15 | 84.85 | 83.53 | 84.10 | 75.70 | 81.42 | 81.39 | 83.61 | 81.42 | 78.90 | 83.56 | 84.90 | 84.85 |

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