

Department of Mathematics

PO Attainment

| PO attainment | | | | | | | | | | | | | | | | |
|-------------------------|------|------|------|------|------|------|------|---------------|---------------|------------|------------|------------|------------|------------|---------------|--|
| No. of Cos mapped to | | | | | | | | | | | | | | | | |
| Course | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | CO attainemnt | PO 1 Attained | PO 2 Attai | PO 3 attai | PO 4 attai | PO 5 attai | PO 6 attai | PO 7 attained | |
| Differential Calculus | 5 | 4 | 4 | 6 | 6 | 3 | 6 | 2.2 | 11 | 8.8 | 8.8 | 13.2 | 13.2 | 6.6 | 13.2 | |
| Differential Equation | 4 | 4 | 2 | 5 | 4 | 3 | 4 | 3 | 12 | 12 | 6 | 15 | 12 | 9 | 12 | |
| Real Analysis | 5 | 2 | 5 | 6 | 5 | 2 | 4 | 3 | 15 | 6 | 15 | 18 | 15 | 6 | 12 | |
| Algebra | 6 | 3 | 4 | 5 | 5 | 3 | 3 | 3 | 18 | 9 | 12 | 15 | 15 | 9 | 9 | |
| Matrices | 5 | 4 | 3 | 5 | 5 | 5 | 3 | 1.4 | 7 | 5.6 | 4.2 | 7 | 7 | 7 | 4.2 | |
| Linear Programming | 5 | 4 | 3 | 5 | 6 | 5 | 4 | 1.4 | 7 | 5.6 | 4.2 | 7 | 8.4 | 7 | 5.6 | |
| C -Programming Language | 4 | 4 | 3 | 5 | 4 | 4 | 4 | 3 | 12 | 12 | 9 | 15 | 12 | 12 | 12 | |
| Logic and Sets | 3 | 3 | 4 | 4 | 2 | 4 | 3 | 3 | 9 | 9 | 12 | 12 | 6 | 12 | 9 | |
| Total | 37 | 28 | 28 | 41 | 37 | 29 | 31 | | 91 | 68 | 71.2 | 102.2 | 88.6 | 68.6 | 77 | |
| | | | | | | | | | 2.46 | 2.43 | 2.54 | 2.49 | 2.39 | 2.37 | 2.48 | |

| Attainment of POs | | | | | | | | | | |
|-------------------|-----------|-----------|------------------------------|-----------------------|-----------------------|---------------------|--|--|--|--|
| POs | PO target | Direct PO | Direct PO Level attained (S) | Indirect PO level (T) | PO attained 80%*S+20% | Whether PO attained | Action may be taken | | | |
| PO 1 | 4 | 2.46 | 4 | 5 | 4.2 | Yes | | | | |
| PO 2 | 5 | 2.43 | 4 | 5 | 4.2 | No | | | | |
| PO 3 | 4 | 2.54 | 5 | 5 | 5 | Yes | | | | |
| PO 4 | 5 | 2.49 | 4 | 5 | 4.2 | No | | | | |
| PO 5 | 5 | 2.39 | 4 | 5 | 4.2 | No | | | | |
| PO 6 | 5 | 2.37 | 4 | 5 | 4.2 | No | More attention should be given on direct level | | | |
| PO 7 | 5 | 2.48 | 5 | 5 | 5 | Yes | | | | |

| POs | PO attained | PO target |
|------|-------------|-----------|
| PO 1 | 4.2 | 4 |
| PO 2 | 4.2 | 5 |
| PO 3 | 5 | 4 |
| PO 4 | 4.2 | 5 |
| PO 5 | 4.2 | 5 |
| PO 6 | 4.2 | 5 |
| PO 7 | 5 | 5 |

