

Scheme of
UNDERGRADUATE DEGREE COURSE

Mechatronics Engineering



Rajasthan Technical University, Kota
Effective from session: 2018 – 2019



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech. : Mechatronics Engineering 2nd Year - IV Semester

| THEORY | | | | | | | | | | | |
|------------------------------|------------|---------------------|---|------------------------------|---|----|---------|-----|-----|-------|------|
| SN | Category | Course | | Contact hrs/week | | | Marks | | | | Cr |
| | | Code | Title | L | T | P | Exm Hrs | IA | ETE | Total | |
| | | | | | | | | | | | |
| 1 | BSC | 4MH2-01 | Analog Electronics | 2 | 0 | 0 | 2 | 20 | 80 | 100 | 2 |
| 2 | HSMC | 4MH1-03/ 4MH1-02 | Economics and Financial Accounting/ Technical Communications | 2 | 0 | 0 | 2 | 20 | 80 | 100 | 2 |
| 3 | | ESC | 4MH3-04 | Measurement and Metrology | 2 | 0 | 0 | 2 | 20 | 80 | 100 |
| 4 | PCC | 4MH4-05 | Fluid Mechanics | 3 | 1 | 0 | 3 | 40 | 160 | 200 | 4 |
| 5 | | 4MH4-06 | Dynamics of Machinery | 3 | 0 | 0 | 3 | 30 | 120 | 150 | 3 |
| 6 | | 4MH4-07 | Control System | 3 | 1 | 0 | 3 | 40 | 160 | 200 | 4 |
| Sub Total | | | | 15 | 2 | 0 | | 170 | 680 | 850 | 17 |
| PRACTICAL & SESSIONAL | | | | | | | | | | | |
| 7 | PCC | 4MH4-21 | Fluid Mechanics Lab | 0 | 0 | 3 | | 45 | 30 | 75 | 1.5 |
| 8 | | 4MH4-22 | Dynamics of Machine Lab-I | 0 | 0 | 3 | | 45 | 30 | 75 | 1.5 |
| 9 | | 4MH4-23 | Mechanical Measurement and Control Lab | 0 | 0 | 3 | | 45 | 30 | 75 | 1.5 |
| 10 | | 4MH4-24 | Analog Electronics Lab | 0 | 0 | 3 | | 45 | 30 | 75 | 1.5 |
| 11 | SODE CA | 4MH8-00 | Social Outreach, Discipline & Extra Curricular Activities | 0 | 0 | 0 | | 0 | 0 | 25 | 0.5 |
| Sub- Total | | | | 0 | 0 | 12 | | 180 | 120 | 325 | 6.5 |
| TOTAL OF IV SEMEESTER | | | | 15 | 2 | 12 | | 350 | 800 | 1175 | 23.5 |

L: Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

ETE: End Term Exam, **IA:** Internal Assessment

Office of Dean Academic Affairs
Rajasthan Technical University, Kota