

Scheme of
UNDERGRADUATE DEGREE COURSE

Agricultural Engineering



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



RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Teaching & Examination Scheme B.Tech. : Agricultural 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 | 4AG2-01 | Advance Engineering Mathematics-II | 2 | 0 | 0 | 2 | 20 | 80 | 100 | 2 |
| 2 | HSMC | 4AG1-03/ 4AG1-02 | Managerial Economics and Financial Accounting/ Technical Communication | 2 | 0 | 0 | 2 | 20 | 80 | 100 | 2 |
| 3 | ESC | 4AG 3-04 | Fluid Mechanics | 2 | 0 | 0 | 2 | 20 | 80 | 100 | 2 |
| 4 | PCC | 4AG 4-05 | Surveying | 2 | 0 | 0 | 2 | 20 | 80 | 100 | 2 |
| 5 | | 4AG 4-06 | Food Process Engineering | 2 | 0 | 0 | 2 | 20 | 80 | 100 | 2 |
| 6 | | 4AG 4- 07 | Soil and Water Conservation Engineering | 3 | 0 | 0 | 3 | 30 | 120 | 150 | 3 |
| 7 | | 4AG 4-08 | Wells and Pumps | 2 | 0 | 0 | 2 | 20 | 80 | 100 | 2 |
| 8 | | 4AG 4-09 | Farm Machinery and Equipment | 2 | 0 | 0 | 2 | 20 | 80 | 100 | 2 |
| Sub Total | | | | 17 | 0 | 0 | | 170 | 680 | 850 | 17 |
| PRACTICAL & SESSIONAL | | | | | | | | | | | |
| 9 | PCC | 4AG 4-21 | Surveying Lab | 0 | 0 | 2 | | 30 | 20 | 50 | 1 |
| 10 | | 4AG 4-22 | Food Process Engineering Lab | 0 | 0 | 2 | | 30 | 20 | 50 | 1 |
| 11 | | 4AG 4-23 | Soil and Water Conservation Engineering Lab | 0 | 0 | 3 | | 45 | 30 | 75 | 1.5 |
| 12 | | 4AG 4-24 | Wells and Pumps Lab | 0 | 0 | 3 | | 45 | 30 | 75 | 1.5 |
| 13 | | 4AG 4-25 | Farm Machinery and Equipment Lab | 0 | 0 | 2 | | 30 | 20 | 50 | 1 |
| 14 | SODE CA | 4AG 8-00 | | 0 | 0 | 0 | | 0 | 0 | 25 | 0.5 |
| Sub- Total | | | | 0 | 0 | 12 | | 180 | 120 | 325 | 6.5 |
| TOTAL OF IV SEMEESTER | | | | 17 | 0 | 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