

U.P. TECHNICAL UNIVERSITY LUCKNOW



Syllabus

[Effective from the Session : 2008-09]

B.TECH. AGRICULTURAL ENGG.
1st Year (I and II Semester)

NEW STUDY & EVALUATION SCHEME

B. Tech. First Year of B .Tech Agricultural Engg.
Effective from the Session 2008-09

Year I, SEMESTER- I

| S.No. | Course Code | SUBJECT | PERIODS | | | Evaluation Scheme | | | | SUBJECT TOTAL | Credit |
|---------------------------------------|-------------|--------------------------------------|-----------|----------|----------|-------------------|------------|------------|------------|---------------|-----------|
| | | | | | | SESSIONAL EXAM | | | ESE | | |
| | | | L | T | P | CT | TA | Total | | | |
| THEORY | | | | | | | | | | | |
| 1 | EAG-101 | Engg. Maths-I | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 2 | EAG-102 | Engg. Physics | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 3 | EAG-103 | Engg. Chemistry | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 4 | EAG-104 | Agriculture for Engineers | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 5 | EAS-105 | Environment & Ecology | 2 | 0 | 0 | 15 | 10 | 25 | 50 | 75 | 2 |
| 6 | EAG-106 | English Language & Technical Writing | 3 | 1 | 0 | 15 | 10 | 25 | 50 | 75 | 4 |
| PRACTICAL / TRAINING / PROJECT | | | | | | | | | | | |
| 7 | EAG-152 | Engg. Physics Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 8 | EAG-153 | Engg. Chemistry Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 9 | EAG-154 | Agriculture for Engineers Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 10 | EAS-154 | Professional Communication Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 11 | GP-101 | G.P. | | | | | | 50 | | 50 | 1 |
| | | Total | 17 | 5 | 8 | 190 | 140 | 380 | 620 | 1000 | 27 |

L- Lecture

T- Tutorial

P- Practical

CT- Cumulative Test

TA- Teacher's Assessment

ESE- End Semester Exam.

NEW STUDY & EVALUATION SCHEME

B. Tech. First Year of B .Tech Agricultural Engineering
Effective from the Session 2008-09

Year Ist

Semester IInd

| S.No. | Course Code | SUBJECT | PERIODS | | | Evaluation Scheme | | | | SUBJECT TOTAL | Credit |
|---------------------------------------|-------------|-------------------------------|-----------|----------|----------|-------------------|------------|------------|------------|---------------|-----------|
| | | | L | T | P | SESSIONAL EXAM | | | ESE | | |
| | | | | | | CT | TA | Total | | | |
| THEORY | | | | | | | | | | | |
| 1 | EAG201 | Engg. Maths-II | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 2 | EAG202 | Engg. Mechanics | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 3 | EAG203 | Thermodynamics & Heat Engines | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 4 | EAG204 | Surveying & Levelling | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 5 | EAG205 | Workshop Technology | 2 | 0 | 0 | 15 | 10 | 25 | 50 | 75 | 2 |
| 6 | EAG206 | Computer Science | 2 | 1 | 0 | 15 | 10 | 25 | 50 | 75 | 3 |
| PRACTICAL / TRAINING / PROJECT | | | | | | | | | | | |
| 7 | EAG254 | Surveying & Levelling Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 8 | EAG255 | Workshop Practice | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 9 | EAG256 | Computer Science Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 10 | EAG257 | Engg Drawing Lab | 0 | 1 | 3 | 10 | 10 | 20 | 30 | 50 | 2 |
| 11 | GP201 | G.P. | | | | | | 50 | | 50 | 1 |
| | | Total | 16 | 6 | 9 | 190 | 140 | 380 | 620 | 1000 | 27 |