

NEW STUDY & EVALUATION SCHEME

B. Tech. First Year (common to all B. Tech. Courses except 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. | EAS-103 | Mathematics-I | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 2. | EAS-101 | Engg. Physics-I | 2 | 1 | 0 | 15 | 10 | 25 | 50 | 75 | 3 |
| 3. | EAS-102/ EME-102 | Engg. Chemistry/ Engg. Mechanics | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 4. | EEE-101/ ECS-101 | Electrical Engg. / Computer Concepts & Programming in C | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 5. | EEC-101/ EAS-104 | Electronics Engineering / Professional Communication | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 6. | EME-101/ EAS-105 | Manufacturing Processes/ Environment & Ecology | 2 | 0 | 0 | 15 | 10 | 25 | 50 | 75 | 2 |
| 7. | EAS-109 | <i>Remedial English Language*</i> | 2 | 0 | 0 | - | - | - | 50* | 50* | 0 |
| PRACTICAL/TRAINING/PROJECT | | | | | | | | | | | |
| 8. | EAS-152/ EME-152 | Engg. Chemistry Lab/ Engg. Mechanics Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 9. | EEE-151/ ECS-151 | Electrical Engg Lab / Computer Programming Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 10. | EWS-151/ ECE-151 | Workshop Practice/ Computer Aided Engg. Graphics | 0 | 1 | 3 | 10 | 10 | 20 | 30 | 50 | 2 |
| 11. | EAS-151/ EAS-154 | Physics Lab / Professional Communication Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| | | | 0 | 0 | 2 | 30 | 20 | 50 | - | 50 | 1 |
| 12. | GP-101 | General Proficiency | - | - | - | - | - | 50 | - | 50 | 1 |
| | | Total | 18 | 6 | 9 | 190/210 | 140/150 | 380/410 | 670/640 | 1000 | 27 |

**Remedial English language is compulsory Audit-course. Candidate has to secure minimum 30% pass marks*

L - Lecture

T - Tutorial

P - Practical

CT - Cumulative Test

TA - Teacher's Assessment

ESE - End Semester Exam.

NEW STUDY & EVALUATION SCHEME

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YEAR I, SEMESTER-II

| S. No. | Course Code | SUBJECT | PERIODS | | | Evaluation Scheme | | | | Subject Total | Credit |
|-----------------------------------|---------------------|---|-----------|----------|----------|-------------------|----------------|----------------|----------------|---------------|-----------|
| | | | | | | SESSIONAL EXAM. | | | ESE | | |
| | | | L | T | P | CT | TA | Total | | | |
| THEORY | | | | | | | | | | | |
| 1. | EAS-203 | Mathematics-II | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 2. | EAS-201 | Engg. Physics-II | 2 | 1 | 0 | 15 | 10 | 25 | 50 | 75 | 3 |
| 3. | EME-202/ EAS-202 | Engg. Mechanics/ Engg. Chemistry | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 4. | ECS-201/ EEE-201 | Computer Concepts & Programming in C / Electrical Engg. | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 5. | EAS-204/ EEC-201 | Professional Communication/ Electronics Engineering | 3 | 1 | 0 | 30 | 20 | 50 | 100 | 150 | 4 |
| 6. | EAS-205/ EME-201 | Environment & Ecology/ Manufacturing Processes | 2 | 0 | 0 | 15 | 10 | 25 | 50 | 75 | 2 |
| PRACTICAL/TRAINING/PROJECT | | | | | | | | | | | |
| 7. | EME-252/ EAS-252 | Engg. Mechanics Lab/ Engg. Chemistry Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 8. | ECS-251/ EEE-251 | Computer Programming Lab/ Electrical Engg. Lab | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 9. | ECE-251/ EWS-251 | Computer Aided Engg. Graphics/ Workshop Practice | 0 | 1 | 3 | 10 | 10 | 20 | 30 | 50 | 2 |
| 10. | EAS-254/ EAS-251 | Professional Communication Lab/ Physics Lab | 0 | 0 | 2 | 30 | 20 | 50 | - | 50 | 1 |
| | | | 0 | 0 | 2 | 10 | 10 | 20 | 30 | 50 | 1 |
| 11. | GP-201 | General Proficiency | - | - | - | - | - | 50 | - | 50 | 1 |
| Total | | | 16 | 6 | 9 | 210/190 | 150/140 | 410/380 | 590/620 | 1000 | 27 |