

**U.P. TECHNICAL UNIVERSITY, LUCKNOW**

**REVISED STUDY AND EVALUATION SCHEME**

**YEAR II, SEMESTER-III**

**B. Tech. Mechanical Engineering / Industrial & Production Engg.**

**(Effective from the session : 2005-2006 )**

| S. No.                            | Course Code | SUBJECT                        | PERIODS   |          |           | Evaluation Scheme |          |          |          | Subject Total |
|-----------------------------------|-------------|--------------------------------|-----------|----------|-----------|-------------------|----------|----------|----------|---------------|
|                                   |             |                                | L         | T        | P         | SESSIONAL EXAM.   |          |          | ESE      |               |
|                                   |             |                                |           |          |           | CT                | TA       | Total    |          |               |
| <b>THEORY</b>                     |             |                                |           |          |           |                   |          |          |          |               |
| 1.                                | TAS 301     | Mathematics –III               | 3         | 1        | 0         | 30                | 20       | 50       | 100      | 150           |
| 2.                                | TME-301     | Materials Science              | 3         | 1        | 0         | 30                | 20       | 50       | 100      | 150           |
| 3.                                | TME-302     | Applied Thermodynamics         | 3         | 1        | 0         | 30                | 20       | 50       | 100      | 150           |
| 4.                                | TCE-301     | Fluid Mechanics *              | 3         | 1        | 0         | 30                | 20       | 50       | 100      | 150           |
| 5.                                | TME-303     | Strength of Material *         | 3         | 1        | 0         | 30                | 20       | 50       | 100      | 150           |
| <b>PRACTICAL/TRAINING/PROJECT</b> |             |                                |           |          |           |                   |          |          |          |               |
| 6.                                | TME-351     | Material Science & Testing Lab | 0         | 0        | 3         | 10                | 10       | 20       | 30       | 50            |
| 7.                                | TME-354     | Machine Drawing-I              | 0         | 0        | 2         | 10                | 10       | 20       | 30       | 50            |
| 8.                                | TCE-351     | Fluid Mechanics Lab *          | 0         | 0        | 3         | 10                | 10       | 20       | 30       | 50            |
| 9.                                | TME-352     | Applied Thermodynamics Lab     | 0         | 0        | 2         | 10                | 10       | 20       | 30       | 50            |
| 10.                               | GP-301      | General Proficiency            | -         | -        | -         | -                 | -        | 50       | -        | 50            |
|                                   |             | <b>Total</b>                   | <b>15</b> | <b>5</b> | <b>10</b> | <b>-</b>          | <b>-</b> | <b>-</b> | <b>-</b> | <b>1000</b>   |

**NOTE:** Up to V semesters – common to Mechanical and Industrial & Production Engg.

\*Common to Civil Engg. and Industrial & Production Engg.

**U.P. TECHNICAL UNIVERSITY, LUCKNOW**

**REVISED STUDY AND EVALUATION SCHEME**

**YEAR II, SEMESTER-IV**

**B. Tech. Mechanical Engineering / Industrial & Production Engg.**

**(Effective from the session : 2005-2006 )**

| S. No.                            | Course Code | SUBJECT                                | PERIODS   |          |           | Evaluation Scheme |          |          | Subject Total |             |
|-----------------------------------|-------------|----------------------------------------|-----------|----------|-----------|-------------------|----------|----------|---------------|-------------|
|                                   |             |                                        | L         | T        | P         | SESSIONAL EXAM.   |          | ESE      |               |             |
|                                   |             |                                        |           |          |           | CT                | TA       |          |               | Total       |
| <b>THEORY</b>                     |             |                                        |           |          |           |                   |          |          |               |             |
| 1.                                | TME-401     | Industrial Engineering                 | 3         | 1        | 0         | 30                | 20       | 50       | 100           | 150         |
| 2.                                | TME-402     | Kinematics of Machine                  | 3         | 1        | 0         | 30                | 20       | 50       | 100           | 150         |
| 3.                                | TME-403     | Manufacturing Science-I                | 3         | 1        | 0         | 30                | 20       | 50       | 100           | 150         |
| 4.                                | TEE-405     | Electrical Machines                    | 3         | 1        | 0         | 30                | 20       | 50       | 100           | 150         |
| 5.                                | TME-404     | Measurement, Metrology and Control     | 3         | 1        | 0         | 30                | 20       | 50       | 100           | 150         |
| <b>PRACTICAL/TRAINING/PROJECT</b> |             |                                        |           |          |           |                   |          |          |               |             |
| 6.                                | TME-453     | Manufacturing Science-I Lab            | 0         | 0        | 3         | 10                | 10       | 20       | 30            | 50          |
| 7.                                | TME-454     | Measurement, Metrology and Control Lab | 0         | 0        | 2         | 10                | 10       | 20       | 30            | 50          |
| 8.                                | TME-456     | Machine Drawing-II                     | 0         | 0        | 2         | 10                | 10       | 20       | 30            | 50          |
| 9.                                | TEE-455     | Electrical Machines Lab                | 0         | 0        | 3         | 10                | 10       | 20       | 30            | 50          |
| 10.                               | GP-401      | General Proficiency                    | -         | -        | -         | -                 | -        | 50       | -             | 50          |
|                                   |             | <b>Total</b>                           | <b>15</b> | <b>5</b> | <b>10</b> | <b>-</b>          | <b>-</b> | <b>-</b> | <b>-</b>      | <b>1000</b> |

**NOTE:** Practical summer training-I of 4-weeks after IV –semester will be evaluated in VII semester