

Jabalpur Engineering College, Jabalpur

(Declared Autonomous by MP Govt., Affiliated to RGPV, Bhopal)

(AICTE Model Curriculum Based Scheme)

Bachelor of Technology (B.Tech.) II Semester (EE/EC/IP/IT/AI Group A)

| No. | Subject Code | Category Code | Subject Name | Maximum Marks Allotted | | | | | Total Marks | Contact Hours Per Week | | | Total Credits |
|--|--------------|---------------|---------------------------------|---|----------------|-----------------|----------------|----------|-------------|------------------------|---|----|---------------|
| | | | | Theory Slot | | | Practical Slot | | | L | T | P | |
| | | | | End. Sem. | Mid Sem. Exam. | Quiz/Assignment | End Sem. | Lab Work | | | | | |
| 1 | BT101 | BSC | Engineering Chemistry | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 2 | BT202 | BSC | Mathematics-II | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3 | BT103 | HSMC | English | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 4 | BT104 | ESC | Basic Electrical Engineering | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5 | BT105 | ESC | Engineering Graphics | 70 | 20 | 10 | 30 | 20 | 150 | 2 | - | 4 | 4 |
| 5 | BT106 | ESC | Manufacturing Practice/Workshop | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7 | BT108 | HSMC | Seminar/Soft Skills | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 3 | BT207 | DLC | Summer Industrial Training | Minimum four week duration. Evaluation will be done in 3rd semester | | | | | | | | | |
| Total | | | | 350 | 100 | 50 | 150 | 100 | 750 | 14 | 2 | 12 | 22 |
| NSS/NCC/Swachhata Abhiyan/Rural Outreach | | | | Qualifier | | | | | | | | | |

te: Industrial training should be apart from laboratory work undertaken in the college rather it should have industrial orientation and practical aspects/field rk. Report to be submitted at the beginning of 3rd semester. Evaluation will be done in 3rd semester.

1 hour lecture (L) = 1 credit

1 hour Tutorial (T) = 1 credit

2 hour Practical (P) = 1 credit



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(AICTE Model Curriculum Based Scheme)

Bachelor of Technology (B.Tech.) II Semester (CE/ME/CSE/MT Group B)

| No. | Subject Code | Category Code | Subject Name | Maximum Marks Allotted | | | | | Total Marks | Contact Hours Per Week | | | Total Credits |
|--|--------------|---------------|--|---|----------------|------------------|----------------|----------|-------------|------------------------|---|----|---------------|
| | | | | Theory Slot | | | Practical Slot | | | L | T | P | |
| | | | | End. Sem. | Mid Sem. Exam. | Quiz/Assign ment | End Sem. | Lab Work | | | | | |
| 1 | BT201 | BSC | Engineering Physics | 70 | 20 | 10 | 30 | 20 | 150 | 3 | 1 | 2 | 5 |
| 2 | BT202 | BSC | Mathematics-II | 70 | 20 | 10 | - | - | 100 | 3 | 1 | - | 4 |
| 3 | BT203 | ESC | Computer Programming and Problem Solving | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 4 | BT204 | ESC | Basic Mechanical Engineering | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 5 | BT205 | ESC | Basic Civil Engineering | 70 | 20 | 10 | 30 | 20 | 150 | 3 | - | 2 | 4 |
| 6 | BT206 | HSMC | Language Lab | - | - | - | 30 | 20 | 50 | - | - | 2 | 1 |
| 7 | BT207 | DLC | Summer Industrial Training | Minimum four week duration. Evaluation will be done in 3rd semester | | | | | | | | | |
| Total | | | | 350 | 100 | 50 | 150 | 100 | 750 | 15 | 1 | 10 | 22 |
| S/NCC/Swachhata Abhiyan/Rural Outreach | | | | Qualifier | | | | | | | | | |

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1 hour Tutorial (T) = 1 credit

2 hour Practical (P) = 1 credit