

VISHNU INSTITUTE OF TECHNOLOGY (AUTONOMOUS) :: BHIMAVARAM

I B.Tech - II Sem. (R23) SUBJECTS & LABS

| BRANCH | REG | YEAR | SEM | SUB CODE | SUBJECT | Credits |
|--------|-----|------|-----|----------|---|---------|
| CIVIL | R23 | I | II | 23BS2T02 | ENGINEERING PHYSICS | 3 |
| | R23 | I | II | 23BS2T05 | DIFFERENTIAL EQUATIONS & VECTOR CALCULUS | 3 |
| | R23 | I | II | 23EE2T01 | BASIC ELECTRICAL AND ELECTRONICS ENGINEERING | 3 |
| | R23 | I | II | 23ME2T01 | ENGINEERING GRAPHICS | 3 |
| | R23 | I | II | 23ME2T02 | ENGINEERING MECHANICS | 3 |
| | R23 | I | II | 23IT2P02 | IT WORKSHOP | 1 |
| | R23 | I | II | 23BS2P04 | ENGINEERING PHYSICS LAB | 1 |
| | R23 | I | II | 23EE2P01 | ELECTRICAL AND ELECTRONICS ENGINEERING WORKSHOP | 1.5 |
| | R23 | I | II | 23CE2P01 | ENGINEERING MECHANICS & BUILDING PRACTICES LAB | 1.5 |
| | R23 | I | II | 23BS2P05 | HEALTH AND WELLNESS, YOGA AND SPORTS | 0.5 |
| EEE | R23 | I | II | 23BS2T01 | COMMUNICATIVE ENGLISH | 2 |
| | R23 | I | II | 23BS2T03 | CHEMISTRY | 3 |
| | R23 | I | II | 23BS2T05 | DIFFERENTIAL EQUATIONS & VECTOR CALCULUS | 3 |
| | R23 | I | II | 23CE2T01 | BASIC CIVIL & MECHANICAL ENGINEERING | 3 |
| | R23 | I | II | 23EE2T02 | ELECTRICAL CIRCUIT ANALYSIS – I | 3 |
| | R23 | I | II | 23BS2P01 | COMMUNICATIVE ENGLISH LAB | 1 |
| | R23 | I | II | 23BS2P02 | CHEMISTRY LAB | 1 |
| | R23 | I | II | 23ME2P02 | ENGINEERING WORKSHOP | 1.5 |
| | R23 | I | II | 23EE2P02 | ELECTRICAL CIRCUITS LAB | 1.5 |
| | R23 | I | II | 23BS2P06 | NSS/NCC/SCOUTS & GUIDES/COMMUNITY SERVICE | 0.5 |
| ME | R23 | I | II | 23BS2T01 | COMMUNICATIVE ENGLISH | 2 |
| | R23 | I | II | 23BS2T04 | ENGINEERING CHEMISTRY | 3 |
| | R23 | I | II | 23BS2T05 | DIFFERENTIAL EQUATIONS & VECTOR CALCULUS | 3 |
| | R23 | I | II | 23CE2T01 | BASIC CIVIL & MECHANICAL ENGINEERING | 3 |
| | R23 | I | II | 23ME2T02 | ENGINEERING MECHANICS | 3 |
| | R23 | I | II | 23BS2P01 | COMMUNICATIVE ENGLISH LAB | 1 |
| | R23 | I | II | 23BS2P03 | ENGINEERING CHEMISTRY LAB | 1 |
| | R23 | I | II | 23ME2P02 | ENGINEERING WORKSHOP | 1.5 |
| | R23 | I | II | 23ME2P01 | ENGINEERING MECHANICS LAB | 1.5 |
| | R23 | I | II | 23BS2P06 | NSS/NCC/SCOUTS & GUIDES/COMMUNITY SERVICE | 0.5 |
| ECE | R23 | I | II | 23BS2T01 | COMMUNICATIVE ENGLISH | 2 |
| | R23 | I | II | 23BS2T03 | CHEMISTRY | 3 |
| | R23 | I | II | 23BS2T05 | DIFFERENTIAL EQUATIONS & VECTOR CALCULUS | 3 |
| | R23 | I | II | 23CE2T01 | BASIC CIVIL & MECHANICAL ENGINEERING | 3 |
| | R23 | I | II | 23EE2T03 | NETWORK ANALYSIS | 3 |
| | R23 | I | II | 23BS2P01 | COMMUNICATIVE ENGLISH LAB | 1 |
| | R23 | I | II | 23BS2P02 | CHEMISTRY LAB | 1 |
| | R23 | I | II | 23ME2P02 | ENGINEERING WORKSHOP | 1.5 |
| | R23 | I | II | 23EE2P03 | NETWORK ANALYSIS AND SIMULATION LAB | 1.5 |
| | R23 | I | II | 23BS2P06 | NSS/NCC/SCOUTS & GUIDES/COMMUNITY SERVICE | 0.5 |
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| CSE | R23 | I | II | 23BS2T02 | ENGINEERING PHYSICS | 3 |
| | R23 | I | II | 23BS2T05 | DIFFERENTIAL EQUATIONS & VECTOR CALCULUS | 3 |
| | R23 | I | II | 23EE2T01 | BASIC ELECTRICAL AND ELECTRONICS ENGINEERING | 3 |
| | R23 | I | II | 23ME2T01 | ENGINEERING GRAPHICS | 3 |
| | R23 | I | II | 23IT2T01 | DATA STRUCTURES | 3 |
| | R23 | I | II | 23IT2P02 | IT WORKSHOP | 1 |
| | R23 | I | II | 23BS2P04 | ENGINEERING PHYSICS LAB | 1 |
| | R23 | I | II | 23EE2P01 | ELECTRICAL AND ELECTRONICS ENGINEERING WORKSHOP | 1.5 |
| | R23 | I | II | 23IT2P01 | DATA STRUCTURES LAB | 1.5 |
| | R23 | I | II | 23BS2P05 | HEALTH AND WELLNESS, YOGA AND SPORTS | 0.5 |

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|----|-----|---|----|----------|---|-----|
| IT | R23 | I | II | 23BS2T02 | ENGINEERING PHYSICS | 3 |
| | R23 | I | II | 23BS2T05 | DIFFERENTIAL EQUATIONS & VECTOR CALCULUS | 3 |
| | R23 | I | II | 23EE2T01 | BASIC ELECTRICAL AND ELECTRONICS ENGINEERING | 3 |
| | R23 | I | II | 23ME2T01 | ENGINEERING GRAPHICS | 3 |
| | R23 | I | II | 23IT2T01 | DATA STRUCTURES | 3 |
| | R23 | I | II | 23IT2P02 | IT WORKSHOP | 1 |
| | R23 | I | II | 23BS2P04 | ENGINEERING PHYSICS LAB | 1 |
| | R23 | I | II | 23EE2P01 | ELECTRICAL AND ELECTRONICS ENGINEERING WORKSHOP | 1.5 |
| | R23 | I | II | 23IT2P01 | DATA STRUCTURES LAB | 1.5 |
| | R23 | I | II | 23BS2P05 | HEALTH AND WELLNESS, YOGA AND SPORTS | 0.5 |

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|-------|-----|---|----|----------|---|-----|
| AI&DS | R23 | I | II | 23BS2T01 | COMMUNICATIVE ENGLISH | 2 |
| | R23 | I | II | 23BS2T03 | CHEMISTRY | 3 |
| | R23 | I | II | 23BS2T05 | DIFFERENTIAL EQUATIONS & VECTOR CALCULUS | 3 |
| | R23 | I | II | 23CE2T01 | BASIC CIVIL & MECHANICAL ENGINEERING | 3 |
| | R23 | I | II | 23IT2T01 | DATA STRUCTURES | 3 |
| | R23 | I | II | 23BS2P01 | COMMUNICATIVE ENGLISH LAB | 1 |
| | R23 | I | II | 23BS2P02 | CHEMISTRY LAB | 1 |
| | R23 | I | II | 23ME2P02 | ENGINEERING WORKSHOP | 1.5 |
| | R23 | I | II | 23IT2P01 | DATA STRUCTURES LAB | 1.5 |
| | R23 | I | II | 23BS2P06 | NSS/NCC/SCOUTS & GUIDES/COMMUNITY SERVICE | 0.5 |
| AI&ML | R23 | I | II | 23BS2T01 | COMMUNICATIVE ENGLISH | 2 |
| | R23 | I | II | 23BS2T03 | CHEMISTRY | 3 |
| | R23 | I | II | 23BS2T05 | DIFFERENTIAL EQUATIONS & VECTOR CALCULUS | 3 |
| | R23 | I | II | 23CE2T01 | BASIC CIVIL & MECHANICAL ENGINEERING | 3 |
| | R23 | I | II | 23IT2T01 | DATA STRUCTURES | 3 |
| | R23 | I | II | 23BS2P01 | COMMUNICATIVE ENGLISH LAB | 1 |
| | R23 | I | II | 23BS2P02 | CHEMISTRY LAB | 1 |
| | R23 | I | II | 23ME2P02 | ENGINEERING WORKSHOP | 1.5 |
| | R23 | I | II | 23IT2P01 | DATA STRUCTURES LAB | 1.5 |
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| CS&BS | R23 | I | II | 23BS2T02 | ENGINEERING PHYSICS | 3 |
| | R23 | I | II | 23BS2T05 | DIFFERENTIAL EQUATIONS & VECTOR CALCULUS | 3 |
| | R23 | I | II | 23EE2T01 | BASIC ELECTRICAL AND ELECTRONICS ENGINEERING | 3 |
| | R23 | I | II | 23ME2T01 | ENGINEERING GRAPHICS | 3 |
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| | R23 | I | II | 23BS2P04 | ENGINEERING PHYSICS LAB | 1 |
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| | R23 | I | II | 23IT2P01 | DATA STRUCTURES LAB | 1.5 |
| | R23 | I | II | 23BS2P05 | HEALTH AND WELLNESS, YOGA AND SPORTS | 0.5 |