

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY BHILAI

Diploma in EEE

Semester : THIRD

| S. No | Board of Study | Course Code | Course | Periods per Week (in hrs) | | | Scheme of Examination | | | | | Credit L+(T+P)/2 | |
|--------------|----------------|-------------|--|---------------------------|-----------|-----------|-----------------------|------------|-----------|------------|-----------|---------------------|-------------|
| | | | | | | | Theory | | | Practical | | | Total Marks |
| | | | | L | T | P | ESE | CT | TA | ESE | TA | | |
| 1. | EEE | 225311 (25) | Electrical & Electronic Measurements | 3 | 1 | | 100 | 20 | 10 | | | 130 | 4 |
| 2. | EEE | 225312 (25) | Communication Systems | 4 | 1 | | 100 | 20 | 10 | | | 130 | 5 |
| 3. | Electrical | 224315 (24) | Electrical Circuit | 4 | 1 | | 100 | 20 | 10 | | | 130 | 5 |
| 4. | ET & T | 224314 (28) | Basic Electronics | 3 | 1 | | 100 | 20 | 10 | | | 130 | 4 |
| 5. | ET & T | 200312 (28) | Digital Electronics | 3 | 1 | | 100 | 20 | 20 | | | 140 | 4 |
| 6. | EEE | 225321 (25) | Electrical & Electronic Measurements Lab | - | - | 3 | - | - | - | 50 | 20 | 70 | 2 |
| 7. | EEE | 225322 (25) | Communication Systems Lab | - | - | 3 | - | - | - | 50 | 20 | 70 | 2 |
| 8. | Electrical | 225323 (24) | Electrical Circuit Lab | - | - | 2 | - | - | - | 50 | 20 | 70 | 1 |
| 9. | ET & T | 225324 (28) | Basic Electronics Lab | - | - | 3 | - | - | - | 50 | 20 | 70 | 2 |
| 10. | ET & T | 225325 (28) | Digital Electronics Lab | - | - | 3 | - | - | - | 50 | 10 | 60 | 2 |
| Total | | | | 17 | 05 | 14 | 500 | 100 | 60 | 250 | 90 | 1000 | 31 |

L : Lecture hours, T: Tutorial Hours, P : Practical Hours

ESE : End of Semester Exam, CT: Class Test, TA: Teachers Assessment

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

Diploma in EEE

Semester : FOURTH

| S No | Board of Study | Course Code | Course | Periods per Week (in hrs) | | | Scheme of Examination | | | | | Credit L+(T+P)/2 | |
|--------------|----------------|-------------|---|---------------------------|-----------|-----------|-----------------------|------------|-----------|------------|------------|---------------------|-------------|
| | | | | | | | Theory | | | Practical | | | Total Marks |
| | | | | L | T | P | ESE | CT | TA | ESE | TA | | |
| 1. | Mechanical | 200415 (37) | Industrial Management | 4 | - | - | 100 | 20 | 10 | - | - | 130 | 4 |
| 2. | Electrical | 224413 (24) | Generation, Transmission & Distribution | 4 | 1 | - | 100 | 20 | 10 | - | - | 130 | 5 |
| 3. | ET & T | 228412 (28) | Analog Electronics | 4 | 1 | - | 100 | 20 | 20 | - | - | 140 | 5 |
| 4. | Electrical | 224412 (24) | Electrical Machines-I | 4 | 1 | - | 100 | 20 | 10 | - | - | 130 | 5 |
| 5. | CSE | 228415 (22) | Programming in "C" | 4 | 2 | - | 100 | 20 | 20 | - | - | 140 | 5 |
| 6. | Electrical | 225421 (24) | Generation, Transmission & Distribution Lab | - | - | 2 | - | - | - | 50 | 20 | 70 | 1 |
| 7. | ET & T | 225422 (28) | Analog Electronics Lab | - | - | 2 | - | - | - | 50 | 20 | 70 | 1 |
| 8. | Electrical | 225423 (24) | Electrical Machines-I Lab | - | - | 3 | - | - | - | 50 | 20 | 70 | 2 |
| 9. | CSE | 225424 (22) | Programming in "C" Lab | - | - | 2 | - | - | - | 50 | 20 | 70 | 1 |
| 10. | EEE | 225425 (25) | Minor Project | - | - | 2 | - | - | - | 30 | 20 | 50 | 1 |
| Total | | | | 20 | 05 | 11 | 500 | 100 | 70 | 230 | 100 | 1000 | 30 |

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CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

Diploma in EEE

Semester : FIFTH

| S No | Board of Study | Course Code | Course | Periods per Week (in hrs) | | | Scheme of Examination | | | | | Credit L + (T+P) /2 | |
|--------------|----------------|-------------|---------------------------------------|---------------------------|-----------|-----------|-----------------------|------------|-----------|------------|------------|---------------------|-------------|
| | | | | | | | Theory | | | Practical | | | Total Marks |
| | | | | L | T | P | ESE | CT | TA | ESE | TA | | |
| 1. | EEE | 225511 (25) | Microprocessor & Microcontroller | 4 | 1 | - | 100 | 20 | 10 | - | - | 130 | 5 |
| 2. | ET & T | 228511 (28) | Instrumentation & Process Control | 4 | 1 | - | 100 | 20 | 20 | - | - | 140 | 5 |
| 3. | ET & T | 228512 (28) | Antenna & Microwave Communication | 3 | 1 | - | 100 | 20 | 20 | - | - | 140 | 4 |
| 4. | Electrical | 224513 (24) | Power Electronics | 4 | 1 | - | 100 | 20 | 10 | - | - | 130 | 5 |
| 5. | Electrical | 224515 (24) | Electrical Machines-II | 4 | 1 | - | 100 | 20 | 10 | - | - | 130 | 5 |
| 6. | EEE | 225521 (25) | Microprocessor & Microcontroller Lab | - | - | 2 | - | - | - | 40 | 20 | 60 | 1 |
| 7. | ET & T | 225522 (28) | Instrumentation & Control Lab | - | - | 2 | - | - | - | 40 | 20 | 60 | 1 |
| 8. | EEE | 225523 (25) | Antenna & Microwave Communication Lab | - | - | 2 | - | - | - | 40 | 20 | 60 | 1 |
| 9. | Electrical | 225524 (24) | Power Electronics Lab | - | - | 2 | - | - | - | 40 | 20 | 60 | 1 |
| 10. | Electrical | 225525 (24) | Electrical Machines-II Lab | - | - | 3 | - | - | - | 40 | 20 | 60 | 2 |
| 11. | EEE | 225526 (25) | Industrial Training | | | 1 | | | | 20 | 10 | 30 | 1 |
| Total | | | | 19 | 05 | 12 | 500 | 100 | 70 | 220 | 110 | 1000 | 31 |

L : Lecture hours, T: Tutorial Hours, P : Practical Hours

ESE : End of Semester Exam, CT: Class Test, TA: Teachers Assessment

*Industrial Training: One month training will be organized after 4th sem exam and it's evaluation will be done in 5th Sem

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY BHILAI

Diploma in EEE

Semester: SIXTH

| S No | Board of Study | Course Code | Course | Periods per Week (in hrs) | | | Scheme of Examination | | | | | Credit L + (T+P)/2 | |
|--------------|----------------|----------------|--|---------------------------|-----------|-----------|-----------------------|------------|-----------|------------|------------|-----------------------|-------------|
| | | | | | | | Theory | | | Practical | | | Total Marks |
| | | | | L | T | P | ESE | CT | TA | ESE | TA | | |
| 1. | EEE | 225611 (25) | Power System Operation & Protection | 4 | 1 | - | 100 | 20 | 10 | - | - | 130 | 5 |
| 2. | EEE | 225612 (25) | Programmable Logic Controller | 3 | 1 | - | 100 | 20 | 10 | - | - | 130 | 4 |
| 3. | EEE | 225613 (25) | Utilization of Electrical Power & Traction | 3 | 1 | - | 100 | 20 | 10 | - | - | 130 | 4 |
| 4. | ET & T | 228611 (28/22) | Computer Networking | 4 | 1 | - | 100 | 20 | 20 | - | - | 140 | 5 |
| 5. | Mechanical | 200615 (37) | Entrepreneurship Development | 4 | 1 | - | 100 | 20 | 10 | - | - | 130 | 5 |
| 6. | EEE | 225621 (25) | Power System Operation & Protection Lab | - | - | 03 | - | - | - | 50 | 20 | 70 | 2 |
| 7. | EEE | 225622 (25) | Programmable Logic Controller Lab | - | - | 03 | - | - | - | 50 | 20 | 70 | 2 |
| 8. | EEE | 225623 (25) | Utilization of Electrical Power & Traction Lab | - | - | 02 | - | - | - | 50 | 20 | 70 | 1 |
| 9. | ET & T | 225624 (28/22) | Computer Networking Lab | - | - | 03 | - | - | - | 50 | 20 | 70 | 2 |
| 10. | EEE | 225625 (25) | Major Project | - | - | 03 | - | - | - | 40 | 20 | 60 | 2 |
| Total | | | | 17 | 05 | 14 | 500 | 100 | 60 | 240 | 100 | 1000 | 32 |

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