



Teaching And Evaluation Scheme For First Year M.Tech. Programme
Semester - I

| Course Code | Course | Teaching Scheme | | | | Evaluation Scheme (TH) | | | |
|-------------------------|--|-----------------|-----------|----------|-----------|-------------------------------|------------|--------------|----------|
| | | L | P | T | Credits | Components | Max | Marks | |
| | | | | | | | | Min for pass | |
| PCSE0161 | Research Methodology | 2 | - | 0 | 0 | ESE | 50 | - | 20 |
| PCSE0101 | Design and Analysis of Algorithm | 3 | - | 1 | 4 | ISE-I | 10 | 20 | 40 |
| | | | | | | ISE-II | 10 | | |
| | | | | | | MSE | 30 | 20 | |
| | | | | | | ESE | 50 | | |
| PCSE0102 | Mathematical Foundations of Computer Science | 3 | - | 1 | 4 | ISE-I | 10 | 20 | 40 |
| | | | | | | ISE-II | 10 | | |
| | | | | | | MSE | 30 | 20 | |
| | | | | | | ESE | 50 | | |
| PCSE0103 | Advanced Distributed Systems | 3 | - | 1 | 4 | ISE-I | 10 | 20 | 40 |
| | | | | | | ISE-II | 10 | | |
| | | | | | | MSE | 30 | 20 | |
| | | | | | | ESE | 50 | | |
| PCSE01** | Professional Elective-I | 3 | - | - | 3 | ISE-I | 10 | 20 | 40 |
| | | | | | | ISE-II | 10 | | |
| | | | | | | MSE | 30 | 20 | |
| | | | | | | ESE | 50 | | |
| PCSE01** | Professional Elective-II | 3 | - | - | 3 | ISE-I | 10 | 20 | 40 |
| | | | | | | ISE-II | 10 | | |
| | | | | | | MSE | 30 | 20 | |
| | | | | | | ESE | 50 | | |
| PCSE0131 | Programming Lab-I | | 2 | - | 1 | TW(ISE) | 50 | 20 | - |
| | | | | | | POE(ESE) | 50 | 20 | - |
| PCSE0132 | Professional Elective Lab-I | | 4 | - | 2 | TW(ISE) | 50 | 20 | - |
| | | | | | | OE(ESE) | 50 | 20 | - |
| PCSE0141 | Seminar-I | | 4 | - | 2 | ISE-I | 50 | 20 | - |
| | | | | | | ISE-II | 50 | 20 | - |
| | | 17 | 10 | 3 | 23 | 0 | 850 | - | - |
| Total Credits:23 | | | | | | Total Contact hours:30 | | | |

L Theory ISE In Semester Evaluation
P Practical MSE Mid Semester Examination
T Tutorial ESE End Semester Examination

| PCSE01*PROFESSIONAL ELECTIVE-I | |
|---------------------------------------|--------------------|
| Course Name | Course Code |
| Unix Network Programming | PCSE0121 |
| Machine Learning | PCSE0122 |
| Digital Image Processing | PCSE0123 |

| PCSE01**PROFESSIONAL ELECTIVE-II | |
|---|--------------------|
| Course Name | Course Code |
| Network Core Protocols & Management | PCSE0124 |
| Data Mining and Warehousing | PCSE0125 |
| Business Intelligence Systems | PCSE0126 |



Teaching And Evaluation Scheme For First Year M.Tech. Programme

Semester - II

| Course Code | Course | Teaching Scheme | | | | Evaluation Scheme (TH) | | | | |
|-------------------------|------------------------------|-----------------|----|---|---------|------------------------------|-------|--------------|----|--|
| | | L | P | T | Credits | Components | Marks | | | |
| | | | | | | | Max | Min for pass | | |
| PCSE0261 | Software Systems(AUDIT) | 1 | | 1 | - | ESE | 50 | | 20 | |
| PCSE0201 | Optimization Techniques | 3 | | 1 | 4 | ISE-I | 10 | 20 | 40 | |
| | | | | | | ISE-II | 10 | | | |
| | | | | | | MSE | 30 | 20 | | |
| | | | | | | ESE | 50 | | | |
| PCSE0202 | Advance DatabaseSystems | 3 | | 1 | 4 | ISE-I | 10 | 20 | 40 | |
| | | | | | | ISE-II | 10 | | | |
| | | | | | | MSE | 30 | 20 | | |
| | | | | | | ESE | 50 | | | |
| PCSE0203 | ProgramFlowAnanalysis | 3 | | 1 | 4 | ISE-I | 10 | 20 | 40 | |
| | | | | | | ISE-II | 10 | | | |
| | | | | | | MSE | 30 | 20 | | |
| | | | | | | ESE | 50 | | | |
| PCSE02** | Professional Elective-III | 3 | | 1 | 4 | ISE-I | 10 | 20 | 40 | |
| | | | | | | ISE-II | 10 | | | |
| | | | | | | MSE | 30 | 20 | | |
| | | | | | | ESE | 50 | | | |
| PCSE02** | Professional Elective-IV | 3 | | 1 | 4 | ISE-I | 10 | 20 | 40 | |
| | | | | | | ISE-II | 10 | | | |
| | | | | | | MSE | 30 | 20 | | |
| | | | | | | ESE | 50 | | | |
| PCSE0231 | Programming Lab-II | | 2 | | 1 | ISE | 50 | 20 | | |
| | | | | | | ISE(OE) | 50 | 20 | - | |
| PCSE0232 | Professional Elective Lab-II | | 4 | | 2 | ISE | 50 | 20 | - | |
| | | | | | | ESE(OE) | 50 | 20 | | |
| PCSE0241 | Seminar | | 2 | | 1 | ISE-I | 50 | 20 | - | |
| | | | | | | ISE-II | 50 | 20 | | |
| PCSE0251 | Mini Project | | 2 | | 1 | ISE | 50 | 20 | | |
| | | 16 | 10 | 6 | 25 | ISE(TW) | 900 | - | - | |
| Total Credits:25 | | | | | | Total Contacthours:32 | | | | |

L Theory
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T Tutorial

ISE In Semester Evaluation
MSE Mid Semester Examination
ESE End Semester Examination

| PCSE02*PROFESSIOALELECTIVE-III | |
|--------------------------------|-------------|
| Course Name | Course Code |
| Internet of Things | PCSE0221 |
| Data Analytics | PCSE0222 |
| Computer Vision | PCSE0223 |

| PCSE02**PROFESSIOALELECTIVE-IV | |
|--------------------------------|-------------|
| Course Name | Course Code |
| Wireless Adhoc Networks | PCSE0224 |
| Natural Language Processing | PCSE0225 |
| High Performance Computing | PCSE0226 |



Teaching And Evaluation Scheme For Second Year M.Tech. Programme
Semester - III

| Course Code | Course | Teaching Scheme | | | | Evaluation Scheme (TH) | | | |
|-------------------------|---|-----------------|----------|----------|-----------|-----------------------------|------------|------------|---|
| | | L | P | T | Credits | Component | Max | Minforpass | |
| PCSE0351 | DIS Phase-I | - | 4 | - | 2 | ISE-I | 50 | 60 | |
| | | | | | 4 | ISE-II | 100 | | |
| PCSE0352 | DIS Phase-II | | 4 | - | 4 | ESE | 100 | 40 | |
| PCSE0361 | Professional Certification on CISCO/ORACLE/REDHAT/AND | - | - | - | - | - | - | - | - |
| PCSE0341 | Industrial Training to be completed after SEM-II & before Sem-III | - | - | - | 2 | ISE-I | 50 | 20 | |
| | | 0 | 8 | 0 | 12 | - | 300 | - | - |
| Total Credits:12 | | | | | | Total Contacthours:8 | | | |

L Theory
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In Semester Evaluation
Mid Semester Examination
End Semester Examination

Teaching And Evaluation Scheme For Second Year M.Tech. Programme
Semester - IV

| Course Code | Course | Teaching Scheme | | | | Evaluation Scheme (TH) | | | |
|-------------------------|---------------|-----------------|---|---|---------|-----------------------------------|-----|--------------|---|
| | | L | P | T | Credits | Component | Max | Min for pass | |
| PCSE0451 | DIS Phase-III | - | 5 | - | 4 | ISE-I | 100 | 80 | |
| | | | | | 4 | ISE-II | 100 | | |
| PCSE0452 | DIS Phase-IV | | | | 8 | ESE | 200 | 80 | |
| | | 0 | 5 | 0 | 16 | - | 200 | - | - |
| Total Credits:16 | | | | | | Total Contact hours/week:5 | | | |

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P Practical
T Tutorial

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In Semester Evaluation
Mid Semester Examination
End Semester Examination