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|--|----------------|--|-------------|--|
| B.Sc. In CSIT | | | | |
| Md. Imran Hosen, Id: 2619150011 | | | | |
| 1 Semester | | | | |
| 1 | CSI 121 | Structured Programming Language | 3.00 | |
| 2 | CSI 122 | Structured Programming Language Sessional | 1.50 | |
| 3 | MAT 325 | Differential Equation and Fourier Analysis | 3.00 | |
| 4 | ENG 106 | Oral Communication Improvement | 3.00 | |
| 5 | ECO 213 | Economics | 3.00 | |
| | | | | |
| 2 Semester | | | | |
| 6 | CSI 217 | Data Structure | 3.00 | |
| 7 | CSI 218 | Data Structure Sessional | 1.50 | |
| 8 | CSE 427 | VLSI Design | 3.00 | |
| | | | | |
| 3 Semester | | | | |
| 9 | STA 235 | Statistics | 3.00 | |
| 10 | CSI 211 | Object Oriented Programming | 3.00 | |
| 11 | CSI 212 | Object Oriented Programming Sessional | 1.50 | |
| 12 | CSI 231 | Operating System Concepts | 3.00 | |
| 13 | CSI 232 | Operating System Concepts Sessional | 1.50 | |
| 14 | CSE 324 | Computer Networks Sessional | 1.50 | |
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| 4 Semester | | | |
|-------------------|---------|--|-----------|
| 15 | CSE-435 | Data Communication | 3.00 |
| 16 | CSI-221 | Database Management Systems | 1.50 |
| 17 | CSI-221 | Database Management Systems Sessional | 1.50 |
| 18 | CSE-213 | Digital Logic Design | 3.00 |
| 19 | CSE-214 | Digital Logic Design Sessional | 1.50 |
| 20 | MAT-215 | Linear-Algebra | 3.00 |
| 21 | CSI-227 | Algorithms | 3.00 |
| 22 | CSI-228 | Algorithms Sessional | 1.50 |
| | | | |
| 5 Semester | | | |
| 23 | PHY 118 | Physics - I Sessional | 1.50 |
| 24 | CSE 413 | Microprocessor | 3.00 |
| 25 | CSE 414 | Microprocessor Sessional | 1.50 |
| 26 | CSI 321 | Software Engineering | 3.00 |
| 27 | CSI 322 | Software Engineering Sessional | 1.50 |
| | | | |
| 6 Semester | | | |
| 28 | MAT 415 | Numerical Methods | 3.00 |
| 29 | CSE 233 | Computer Organization & Assembly Programming | 3.00 |
| 30 | CSE 234 | Computer Organization & Assembly Programming Sessional | 1.50 |
| 31 | CSI 317 | Theory of Computing | 3.00 |
| | | | 72 |

| 7 Semester | | | |
|-------------------|---------|-----------------------------------|-----------|
| 32 | CSE 313 | Computer Architecture | 3.00 |
| 33 | CSI 411 | Compilar | 3.00 |
| 34 | CSI 412 | Compilar Sessional | 1.50 |
| 35 | CSI 341 | Artificial Intelligence | 3.00 |
| 36 | CSI 342 | Artificial Intelligence Sessional | 1.50 |
| Total | | | 84 |

Computer Science and Engineering

| | | | | |
|---|---------|--|-----------|--|
| 1 | CSE-213 | Digital Logic Design | 3.00 | |
| 2 | CSE-214 | Digital Logic Design Sessional | 1.50 | |
| 3 | CSE 413 | Microprocessor | 3.00 | |
| 4 | CSE 414 | Microprocessor Sessional | 1.50 | |
| 5 | CSE-435 | Data Communication | 3.00 | |
| 6 | CSE 324 | Computer Networks Sessional | 1.50 | |
| 7 | CSE 233 | Computer Organization & Assembly Programming | 3.00 | |
| 8 | CSE 234 | Computer Organization & Assembly Programming Sessional | 1.50 | |
| 9 | CSE 313 | Computer Architecture | 3.00 | |
| | | Total | 21 | |

Mathematics

| | | | |
|---|----------------------|--|-----------|
| 1 | MAT 325 | Differential Equation and Fourier Analysis | 3.00 |
| 2 | STA 235 | Statistics | 3.00 |
| 3 | MAT-215 | Linear-Algebra | 3.00 |
| 3 | MAT 415 | Numerical Methods | 3.00 |
| | 3*3 =9 D.E(w) | | 12 |
| | | Total | 21 |

Computer Science and Information Technology

| | | | |
|----|---------|---|------|
| 1 | CSI 121 | Structured Programming Language | 3.00 |
| 2 | CSI 122 | Structured Programming Language Sessional | 1.50 |
| 3 | CSI 217 | Data Structure | 3.00 |
| 4 | CSI 218 | Data Structure Sessional | 1.50 |
| 5 | CSI-227 | Algorithms | 3.00 |
| 6 | CSI-228 | Algorithms Sessional | 1.50 |
| 7 | CSI 231 | Operating System Concepts | 3.00 |
| 8 | CSI 232 | Operating System Concepts Sessional | 1.50 |
| 9 | CSI-221 | Database Management Systems | 3.00 |
| 10 | CSI-221 | Database Management Systems Sessional | 1.50 |
| 11 | CSI 317 | Theory of Computing | 3.00 |
| 12 | CSI 341 | Artificial Intelligence | 3.00 |
| 13 | CSI 342 | Artificial Intelligence Sessional | 1.50 |
| 14 | CSI 411 | Compilar | 3.00 |

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|----|---------|--------------------|-------------|-----------|
| 15 | CSI 412 | Compilar Sessional | 1.50 | |
| | | Total | 34.5 | 48 |

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| | | Core | |
|---|---------|---------------------------------------|-----------|
| 1 | CSI 321 | Software Engineering | 3.00 |
| 2 | CSI 322 | Software Engineering Sessional | 1.50 |
| 3 | CSI 211 | Object Oriented Programming | 3.00 |
| 4 | CSI 212 | Object Oriented Programming Sessional | 1.50 |
| 5 | PHY-127 | Physics-II (W) | 3.00 |
| | | | 12 |

| | | General Education | |
|---|---------|--------------------------------|------|
| 1 | PHY 118 | Physics - I Sessional | 1.50 |
| 2 | ENG 106 | Oral Communication Improvement | 3.00 |
| 3 | ECO 213 | Economics | 3.00 |
| | | | |
| 4 | PHY 117 | Physics - I (W) | 3.00 |
| 5 | MEC-129 | Mechanical Engineering (W) | 3.00 |

| | | | | |
|---|---------|------------------------------------|------|--------------------|
| 6 | MEC-129 | Mechanical Engineering Drawing (W) | 1.50 | 21.00 33/21 |
| 7 | | English (I & II) (W) 2*3 = 6 | 6.00 | |
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|--|---------------------------|--|-------------|-------------|
| | Project and Thesis | | | |
| | | | 0.00 | 6.00 |