

भारतीय प्रौद्योगिकी संस्थान पटना **INDIAN INSTITUTE OF TECHNOLOGY PATNA**



INTERIM TRANSCRIPT

TRANSCRIPT

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Roll No: 0401CS31 Sheeree Begin Year of Admission: 2020 Name:

Programme: Bachelors of Technology CS Course:

Semester 1

| CH101 | Chemistry - I | 3-1-0 | 8 | CORE | вс |
|-------|---------------------------------------|-------|---|------|----|
| CH110 | Chemistry Laboratory | 0-0-3 | 3 | CORE | ВВ |
| EE101 | Electrical Sciences | 3-1-0 | 8 | CORE | СС |
| HS101 | English : Language Through Literature | 3-0-0 | 6 | CORE | ВВ |
| MA101 | Mathematics - I | 3-1-0 | 8 | CORE | CD |
| ME111 | Engineering Drawing | 2-0-3 | 7 | CORE | ВВ |
| PH101 | Physics - I | 2-1-0 | 6 | CORE | СС |
| PH110 | Physics Laboratory | 0-0-3 | 3 | CORE | AA |

Semester 2

| CH102 | Chemistry - II | 3-0-0 | 6 | CORE | вс |
|-------|------------------------------|-------|---|------|----|
| CS101 | Introduction to Computing | 3-0-0 | 6 | CORE | ВВ |
| CS110 | Computing Laboratory | 0-0-3 | 3 | CORE | ВВ |
| EE102 | Basic Electronics Laboratory | 0-0-4 | 4 | CORE | ВВ |
| MA102 | Mathematics - II | 3-1-0 | 8 | CORE | CD |
| ME101 | Engineering Mechanics | 3-1-0 | 8 | CORE | CC |
| ME110 | Workshop - I | 0-0-3 | 3 | CORE | АВ |
| PH102 | Physics - II | 2-1-0 | 6 | CORE | вс |

Semester 3

| CS201 | Object Oriented Programming and Data Structures | 3-0-3 | 9 | CORE | АВ |
|-------|--|-------|---|----------------|----|
| CS203 | Discrete Mathematics | 3-0-0 | 6 | CORE | ВВ |
| CS221 | Digital Design | 3-0-0 | 6 | CORE | ВВ |
| EE220 | Signal, System and Networks | 3-1-0 | 8 | CORE | ВВ |
| HS201 | Introductory Microeconomics | 3-0-0 | 6 | HS Elective | АВ |
| MA201 | Mathematics - III | 3-1-0 | 8 | CORE | ВВ |

Credits Taken: 43 Credits Cleared: 136 SPI: 8.35 CPI: 7.35

Credits Taken: 49 Credits Cleared: 49 SPI: 6.9 CPI: 6.9

Credits Taken: 44 Credits Cleared: 93 SPI: 6.89 CPI: 6.89

Semester 4

| CS204 | Algorithms | 3-0-0 | 6 | CORE | ВВ |
|-------|---|-------|---|--------------------|----|
| CS222 | Computer Organization and Architecture | 3-0-0 | 6 | CORE | СС |
| CS223 | Hardware Laboratory | 0-0-3 | 3 | CORE | ВВ |
| CS241 | Software Engineering | 2-0-3 | 7 | CORE | СС |
| CS242 | Systems Programming Laboratory | 0-1-3 | 5 | CORE | AB |
| HS223 | Cognition: Language and Computation | 3-0-0 | 6 | HS ELECTI VE | АВ |
| MA225 | Probability Theory and Random Processes | 3-1-0 | 8 | CORE | ВС |
| MA251 | Optimization Techniques | 3-0-0 | 6 | Sc. | СС |

Semester 5

| CS301 | Formal Language and Automata | 3-0-0 | 6 | CORE | ВВ |
|-------|------------------------------|-------|---|------|----|
| CS331 | Programming Language | 3-0-2 | 8 | CORE | ВВ |
| CS341 | Operating Systems | 3-0-0 | 6 | CORE | АВ |
| CS342 | Operating Systems Laboratory | 0-1-3 | 5 | CORE | АВ |
| CS343 | Data Communications | 3-0-0 | 6 | CORE | ВВ |
| CS344 | Databases | 3-0-0 | 6 | CORE | вс |
| CS345 | Databases Laboratory | 0-1-3 | 5 | CORE | вв |

Credits Taken: 42 Credits Cleared: 225 SPI: 8.12 CPI: 7.48

Semester 6

| CS302 | Theory of Computation | 3-0-0 | 6 | CORE | АВ |
|-------|--------------------------|-------|---|----------------|----|
| CS346 | Compilers | 3-0-0 | 6 | CORE | ВВ |
| CS347 | Compliers Laboratory | 0-0-3 | 3 | CORE | АВ |
| CS348 | Computer Networks | 3-0-2 | 8 | CORE | АВ |
| CS362 | Computer Graphics | 3-0-2 | 8 | CORE | ВС |
| CS399 | Seminar | 0-0-3 | 3 | CORE | АВ |
| HS331 | Sociology of Development | 3-0-0 | 6 | HS Elective | ВС |

Credits Taken: 40 Credits Cleared: 265 SPI: 8.15 CPI: 7.58

Credits Taken: 47 Credits Cleared: 183 SPI: 7.26 CPI: 7.33

Semester 7

| CS400 | Summer Training | 0-0-0 | 2 | CORE | AA |
|-------|--------------------------------------|--------|----|---|----|
| CS401 | Foundations of Computer Science | 3-0-0 | 6 | OPEN ELECTI VE - I | ВВ |
| CS421 | Computer Peripherals and Interfacing | 3-0-0 | 6 | CORE | вс |
| CS422 | Peripherals and Interfacing Lab | 0-1-3 | 5 | CORE | ВВ |
| CS441 | Topics in Databases | 3-0-0 | 6 | DEPAR TMENT AL ELECTI VE - II | AB |
| CS443 | Distributed Systems | 3-0-0 | 6 | DEPAR TMENT AL ELECTI VE - II | AB |
| CS498 | Project - I | 0-0-10 | 10 | CORE | AA |

Credits Taken: 41 Credits Cleared: 306 SPI: 8.73 CPI: 7.73

Semester 8

| CS449 | Computer and Network Security | 3-0-0 | 6 | Departm ental Elective - III | ВВ |
|-------|--|--------|----|---------------------------------------|----|
| CS452 | Internet Protocols | 3-0-0 | 6 | Departm ental Elective - IV | ВВ |
| CS499 | Project - II | 0-0-16 | 16 | CORE | AA |
| HS441 | Industrial and Organizational Psychology | 3-0-0 | 6 | HSS Elective | ВВ |
| MA412 | Matrix Computation | 3-0-0 | 6 | Open Elective - II | вс |

Credits Taken: 40 Credits Cleared: 346 SPI: 8.65 CPI: 7.84

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Assistant Registrar (Academic)



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