

# INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

## Performance Details

| Roll No.                         | Name  | Department                                   | Course Name                                |           |           | Minor Course Name :              |           | Micro Specialisation Name :              |                  |                    |               |
|----------------------------------|---|--|--|-----------|-----------|----------------------------------|-----------|--|------------------|--------------------|---------------|
| 18EC10037                        | Nalla Siva Krishna Sai                                  | ELECTRONICS & ELECTRICAL COMMUNICATION ENGG. | ELECTRONICS & ELEC. COMM.ENGG. (B.Tech 4Y) |           |           | COMPUTER SCIENCE and ENGINEERING |           | ARTIFICIAL INTELLIGENCE AND APPLICATIONS |                  |                    |               |
| Semester : 1                     |   |  |  |           |           |                                  |           |  |                  |                    |               |
| Curricula Summary                |   | Depth  | Elective                                   |           | Breadth   |                                  | HSS       | IEM                                      | Cumulative Total |                    |               |
| Curricula - Registered - Cleared |   | 0 - 9 - 9                                    | 0 - 0 - 0                                  |           | 0 - 0 - 0 |                                  | 0 - 0 - 0 | 0 - 0 - 0                                | 0 - 9 - 9        |                    |               |
| Subno                            | Subject Name  | Sub. Type                                    | L-T-P                                      | Credit    | Reg. Sem. | Register Session.                |           |  | Grade            | Register Status.   |               |
| CE13001                          | ENGINEERING DRAWING AND COMPUTER GRAPHICS               | Depth  | 1-0-3                                      | 3         | 1         | AU-18-19(P)                      |           |  | B                | Already Registered |               |
| CS10001                          | PROGRAMMING AND DATA STRUCTURES                         | Depth  | 3-0-0                                      | 3         | 1         | AU-18-19(P)                      |           |  | C                | Already Registered |               |
| CS19101                          | PROGRAMMING AND DATA STRUCTURES TUTORIAL AND LABORATORY | Depth  | 0-1-3                                      | 3         | 1         | AU-18-19(P)                      |           |  | B                | Already Registered |               |
| EA10001                          | EXTRA ACADEMIC ACTIVITY-I                               | Depth  | 0-0-3                                      | 0         | 1         | AU-18-19(P)                      |           |  | B                | Already Registered |               |
| EA10005                          | INDUCTION PROGRAM                                       | Depth  | 0-0-0                                      | 0         | 1         | AU-18-19(P)                      |           |  | Y                | Already Registered |               |
| MA10001                          | MATHEMATICS-I   | Depth  | 3-1-0                                      | 4         | 1         | AU-18-19(P)                      |           |  | EX               | Already Registered |               |
| ME10001                          | MECHANICS   | Depth  | 3-1-0                                      | 4         | 1         | AU-18-19(P)                      |           |  | A                | Already Registered |               |
| PH11001                          | PHYSICS   | Depth  | 3-1-0                                      | 4         | 1         | AU-18-19(P)                      |           |  | A                | Already Registered |               |
| PH19001                          | PHYSICS LAB.  | Depth  | 0-0-3                                      | 2         | 1         | AU-18-19(P)                      |           |  | EX               | Already Registered |               |
| Performance Summary              |   | TCT - TCC                                    |  | SCT - SCC |           | NCGPA - CGPA - SGPA              |           | ATCT - ATCC                              |                  | ASCT - ASCC        | ACGPA - ASGPA |
| Semester - 1                     |   | 23 - 23                                      |  | 23 - 23   |           | 8.74 - 8.74 - 8.74               |           | 0 - 0                                    |                  | 0 - 0              | 0.00 - 0.00   |

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| 18EC10037 | Nalla Siva Krishna Sai | ELECTRONICS & ELECTRICAL COMMUNICATION ENGG. | ELECTRONICS & ELEC. COMM.ENGG. (B.Tech 4Y) | COMPUTER SCIENCE and ENGINEERING | ARTIFICIAL INTELLIGENCE AND APPLICATIONS |

### Semester : 2

| Curricula Summary                | Depth     | Elective  | Breadth   | HSS       | IEM       | Cumulative Total |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|------------------|
| Curricula - Registered - Cleared | 0 - 8 - 8 | 0 - 0 - 0 | 0 - 0 - 0 | 0 - 0 - 0 | 0 - 0 - 0 | 0 - 17 - 17      |

| Subno   | Subject Name                            | Sub. Type | L-T-P | Credit | Reg. Sem. | Register Session. | Grade | Register Status.   |
|---------|---|-----------|-------|--------|-----------|-------------------|-------|--------------------|
| CY11001 | CHEMISTRY                               | Depth     | 3-1-0 | 4      | 2         | SP-18-19(P)       | A     | Already Registered |
| CY19001 | CHEMISTRY LAB.                          | Depth     | 0-0-3 | 2      | 2         | SP-18-19(P)       | EX    | Already Registered |
| EA10002 | EXTRA ACADEMIC ACTIVITY-II              | Depth     | 0-0-3 | 0      | 2         | SP-18-19(P)       | B     | Already Registered |
| EE11001 | ELECTRICAL TECHNOLOGY                   | Depth     | 3-1-0 | 4      | 2         | SP-18-19(P)       | B     | Already Registered |
| EE19001 | ELECTRICAL TECHNOLOGY LAB.              | Depth     | 0-0-3 | 2      | 2         | SP-18-19(P)       | A     | Already Registered |
| HS13001 | ENGLISH FOR COMMUNICATION               | Depth     | 3-0-2 | 4      | 2         | SP-18-19(P)       | B     | Already Registered |
| MA10002 | MATHEMATICS-II                          | Depth     | 3-1-0 | 4      | 2         | SP-18-19(P)       | A     | Already Registered |
| ME19001 | INTRODUCTION TO MANUFACTURING PROCESSES | Depth     | 0-0-3 | 2      | 2         | SP-18-19(P)       | A     | Already Registered |

| Performance Summary | TCT - TCC | SCT - SCC | NCGPA - CGPA - SGPA | ATCT - ATCC | ASCT - ASCC | ACGPA - ASGPA |
|---------------------|-----------|-----------|---------------------|-------------|-------------|---------------|
| Semester - 2        | 45 - 45   | 22 - 22   | 8.73 - 8.73 - 8.73  | 0 - 0       | 0 - 0       | 0.00 - 0.00   |

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### Semester : 3

| Curricula Summary                | Depth     | Elective  | Breadth   | HSS       | IEM       | Cumulative Total |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|------------------|
| Curricula - Registered - Cleared | 7 - 7 - 7 | 0 - 0 - 0 | 1 - 1 - 1 | 0 - 0 - 0 | 0 - 0 - 0 | 8 - 25 - 25      |

| Subno   | Subject Name                     | Sub. Type    | L-T-P | Credit | Reg. Sem. | Register Session. | Grade | Register Status.   |
|---------|----------------------------------|--------------|-------|--------|-----------|-------------------|-------|--------------------|
| EC21107 | SEMICONDUCTOR DEVICES            | Depth        | 3-1-0 | 4      | 3         | AU-19-20(P)       | B     | Already Registered |
| EC29003 | INTRODUCTION TO ELECTRONICS LAB. | Depth        | 0-0-3 | 2      | 3         | AU-19-20(P)       | B     | Already Registered |
| MA20107 | MATRIX ALGEBRA                   | Depth        | 3-0-0 | 3      | 3         | AU-19-20(P)       | A     | Already Registered |
| EC29005 | NETWORK THEORY LAB.              | Depth        | 0-0-3 | 2      | 3         | AU-19-20(P)       | B     | Already Registered |
| EA10003 | EXTRA ACADEMIC ACTIVITY-III      | Depth        | 0-0-3 | 0      | 3         | AU-19-20(P)       | B     | Already Registered |
| EC21103 | INTRODUCTION TO ELECTRONICS      | Depth        | 3-1-0 | 4      | 3         | AU-19-20(P)       | A     | Already Registered |
| EC21005 | NETWORK THEORY                   | Depth        | 3-1-0 | 4      | 3         | AU-19-20(P)       | C     | Already Registered |
| MS31007 | MATERIAL SCIENCE                 | Breadth(Sc.) | 3-0-0 | 3      | 3         | AU-19-20(P)       | EX    | Already Registered |

| Performance Summary | TCT - TCC | SCT - SCC | NCGPA - CGPA - SGPA | ATCT - ATCC | ASCT - ASCC | ACGPA - ASGPA |
|---------------------|-----------|-----------|---------------------|-------------|-------------|---------------|
| Semester - 3        | 67 - 67   | 22 - 22   | 8.63 - 8.63 - 8.41  | 0 - 0       | 0 - 0       | 0.00 - 0.00   |

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|-----------|------------------------|--|--|----------------------------------|--|
| 18EC10037 | Nalla Siva Krishna Sai | ELECTRONICS & ELECTRICAL COMMUNICATION ENGG. | ELECTRONICS & ELEC. COMM.ENGG. (B.Tech 4Y) | COMPUTER SCIENCE and ENGINEERING | ARTIFICIAL INTELLIGENCE AND APPLICATIONS |

### Semester : 4

| Curricula Summary                | Depth     | Elective  | Breadth   | HSS       | IEM       | Cumulative Total |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|------------------|
| Curricula - Registered - Cleared | 9 - 9 - 9 | 0 - 0 - 0 | 0 - 0 - 0 | 0 - 0 - 0 | 0 - 0 - 0 | 17 - 34 - 34     |

| Subno   | Subject Name                       | Sub. Type  | L-T-P | Credit | Reg. Sem. | Register Session. | Grade | Register Status.   |
|---------|------------------------------------|------------|-------|--------|-----------|-------------------|-------|--------------------|
| EC21008 | ANALOG ELECTRONIC CIRCUITS         | Depth      | 3-1-0 | 4      | 4         | SP-19-20(P)       | A     | Already Registered |
| EC29004 | DEVICES LABORATORY                 | Depth      | 0-0-3 | 2      | 4         | SP-19-20(P)       | A     | Already Registered |
| EC29008 | ANALOG CIRCUITS LAB.               | Depth      | 0-0-3 | 2      | 4         | SP-19-20(P)       | A     | Already Registered |
| MA20106 | PROBABILITY & STOCHASTIC PROCESSES | Depth      | 3-0-0 | 3      | 4         | SP-19-20(P)       | B     | Already Registered |
| BS20001 | SCIENCE OF LIVING SYSTEM           | Depth      | 2-0-0 | 2      | 4         | SP-19-20(P)       | B     | Already Registered |
| EA10004 | EXTRA ACADEMIC ACTIVITY-IV         | Depth      | 0-0-3 | 0      | 4         | SP-19-20(P)       | B     | Already Registered |
| EC21006 | ELECTROMAGNETIC ENGINEERING        | Depth      | 3-1-0 | 4      | 4         | SP-19-20(P)       | EX    | Already Registered |
| EC21004 | SIGNALS AND SYSTEMS                | Depth      | 3-1-0 | 4      | 4         | SP-19-20(P)       | A     | Already Registered |
| EV20001 | ENVIRONMENTAL SCIENCE              | Depth      | 2-0-0 | 2      | 4         | SP-19-20(P)       | B     | Already Registered |
| CS21003 | ALGORITHMS - I                     | Additional | 3-1-0 | 4      | 4         | SP-19-20(P)       | C     | Already Registered |

| Performance Summary | TCT - TCC | SCT - SCC | NCGPA - CGPA - SGPA | ATCT - ATCC | ASCT - ASCC | ACGPA - ASGPA |
|---------------------|-----------|-----------|---------------------|-------------|-------------|---------------|
| Semester - 4        | 90 - 90   | 23 - 23   | 8.69 - 8.69 - 8.87  | 4 - 4       | 4 - 4       | 7.00 - 7.00   |

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### Semester : 5

| Curricula Summary                | Depth     | Elective  | Breadth   | HSS       | IEM       | Cumulative Total |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|------------------|
| Curricula - Registered - Cleared | 7 - 7 - 6 | 0 - 0 - 0 | 0 - 0 - 0 | 1 - 1 - 1 | 0 - 0 - 0 | 25 - 42 - 41     |

| Subno   | Subject Name                                   | Sub. Type  | L-T-P | Credit | Reg. Sem. | Register Session. | Grade | Register Status.   |
|---------|--|------------|-------|--------|-----------|-------------------|-------|--------------------|
| EC39001 | ANALOG COMMUNICATIONS LAB.                     | Depth      | 0-0-3 | 2      | 5         | AU-20-21(P)       | I     | Already Registered |
| EC39003 | DIGITAL ELECTRONIC CIRCUITS LAB.               | Depth      | 0-0-3 | 2      | 5         | AU-20-21(P)       | EX    | Already Registered |
| EC31001 | ANALOG COMMUNICATION                           | Depth      | 3-1-0 | 4      | 5         | AU-20-21(P)       | EX    | Already Registered |
| EC31005 | RF & MICROWAVE ENGINEERING                     | Depth      | 3-1-0 | 4      | 5         | AU-20-21(P)       | B     | Already Registered |
| EC31003 | DIGITAL ELECTRONIC CIRCUITS                    | Depth      | 3-1-0 | 4      | 5         | AU-20-21(P)       | EX    | Already Registered |
| EE31009 | CONTROL SYSTEM ENGINEERING                     | Depth      | 3-1-0 | 4      | 5         | AU-20-21(P)       | EX    | Already Registered |
| EC39005 | MICROWAVE LABORATORY                           | Depth      | 0-0-3 | 2      | 5         | AU-20-21(P)       | A     | Already Registered |
| RX60011 | INTRODUCTION TO GROSS NATIONAL HAPPINESS (GNH) | HSS        | 3-0-0 | 3      | 5         | AU-20-21(P)       | A     | Already Registered |
| CS40019 | IMAGE PROCESSING                               | Additional | 3-0-0 | 3      | 5         | AU-20-21(P)       | EX    | Already Registered |

| Performance Summary | TCT - TCC | SCT - SCC | NCGPA - CGPA - SGPA | ATCT - ATCC | ASCT - ASCC | ACGPA - ASGPA |
|---------------------|-----------|-----------|---------------------|-------------|-------------|---------------|
| Semester - 5        | 113 - 113 | 23 - 23   | 8.84 - 8.84 - 9.43  | 7 - 7       | 3 - 3       | 8.29 - 10.00  |

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|----------------------------------|------------------------------------|--|--|-------|----------------------------------|-----------|--|-----------|------------------|--------------------|---------------|
| 18EC10037                        | Nalla Siva Krishna Sai             | ELECTRONICS & ELECTRICAL COMMUNICATION ENGG. | ELECTRONICS & ELEC. COMM.ENGG. (B.Tech 4Y) |       | COMPUTER SCIENCE and ENGINEERING |           | ARTIFICIAL INTELLIGENCE AND APPLICATIONS |           |                  |                    |               |
| Semester : 6                     |                                    |  |  |       |                                  |           |  |           |                  |                    |               |
| Curricula Summary                |                                    | Depth  | Elective                                   |       | Breadth                          |           | HSS                                      | IEM       | Cumulative Total |                    |               |
| Curricula - Registered - Cleared |                                    | 7 - 7 - 6                                    | 0 - 0 - 0                                  |       | 0 - 0 - 0                        |           | 0 - 0 - 0                                | 1 - 1 - 1 | 33 - 50 - 48     |                    |               |
| Subno                            | Subject Name                       |  | Sub. Type                                  | L-T-P | Credit                           | Reg. Sem. | Register Session.                        |           | Grade            | Register Status.   |               |
| EC31008                          | DIGITAL SIGNAL PROCESSING          |  | Depth                                      | 3-1-0 | 4                                | 6         | SP-20-21(P)                              |           | EX               | Already Registered |               |
| EC39002                          | DIGITAL COMMUNICATION LABORATORY   |  | Depth                                      | 0-0-3 | 2                                | 6         | SP-20-21(P)                              |           | I                | Already Registered |               |
| EC31002                          | DIGITAL COMMUNICATION              |  | Depth                                      | 3-1-0 | 4                                | 6         | SP-20-21(P)                              |           | B                | Already Registered |               |
| EC31006                          | MICROCONTROLLER & EMBEDDED SYSTEMS |  | Depth                                      | 3-0-0 | 3                                | 6         | SP-20-21(P)                              |           | EX               | Already Registered |               |
| EC39006                          | DSP LABORATORY                     |  | Depth                                      | 0-0-3 | 2                                | 6         | SP-20-21(P)                              |           | A                | Already Registered |               |
| EC31004                          | VLSI ENGG.                         |  | Depth                                      | 3-0-0 | 3                                | 6         | SP-20-21(P)                              |           | A                | Already Registered |               |
| EC39004                          | VLSI LABORATORY                    |  | Depth                                      | 0-0-3 | 2                                | 6         | SP-20-21(P)                              |           | EX               | Already Registered |               |
| EP60020                          | FOUNDATIONS OF ENTREPRENEURSHIP    |  | IEM  | 3-0-0 | 3                                | 6         | SP-20-21(P)                              |           | B                | Already Registered |               |
| CS29003                          | ALGORITHMS LABORATORY              |  | Additional                                 | 0-0-3 | 2                                | 6         | SP-20-21(P)                              |           | A                | Already Registered |               |
| CS60078                          | COMPLEX NETWORK                    |  | Additional                                 | 3-0-0 | 3                                | 6         | SP-20-21(P)                              |           | EX               | Already Registered |               |
| Performance Summary              |                                    | TCT - TCC                                    | SCT - SCC                                  |       | NCGPA - CGPA - SGPA              |           | ATCT - ATCC                              |           | ASCT - ASCC      |                    | ACGPA - ASGPA |
| Semester - 6                     |                                    | 134 - 134                                    | 21 - 21                                    |       | 8.88 - 8.88 - 9.10               |           | 12 - 12                                  |           | 5 - 5            |                    | 8.83 - 9.60   |

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### Semester : 7

| Curricula Summary                | Depth     | Elective                 | Breadth   | HSS       | IEM       | Cumulative Total |
|----------------------------------|-----------|--------------------------|-----------|-----------|-----------|------------------|
| Curricula - Registered - Cleared | 2 - 0 - 2 | 4(1-O) - 0(1-O) - 4(1-O) | 0 - 0 - 0 | 0 - 0 - 0 | 0 - 0 - 0 | 40 - 56 - 55     |

| Subno   | Subject Name                                  | Sub. Type          | L-T-P | Credit | Reg. Sem. | Register Session. | Grade | Register Status.   |
|---------|---|--------------------|-------|--------|-----------|-------------------|-------|--------------------|
| EC49001 | MICROCONTROLLER SYSTEMS LABORATORY            | Depth              | 0-0-3 | 2      | 7         | AU-21-22(P)       | EX    | Already Registered |
| EC48001 | INDUSTRIAL TRAINING                           | Depth              | 0-0-0 | 2      | 7         | AU-21-22(P)       | EX    | Already Registered |
| CS60092 | INFORMATION RETRIEVAL                         | Elective I         | 3-0-0 | 3      | 7         | AU-21-22(P)       | A     | Already Registered |
| RX60017 | SPORTS AND WELL-BEING                         | Elective II        | 2-0-0 | 2      | 7         | AU-21-22(P)       | A     | Already Registered |
| EC60011 | DATA STRUCTURE & OBJECT REPRESENTATION        | Elective III       | 3-1-0 | 4      | 7         | AU-21-22(P)       | B     | Already Registered |
| AI42001 | MACHINE LEARNING FOUNDATIONS AND APPLICATIONS | Elective IV(Flexi) | 3-0-3 | 5      | 7         | AU-21-22(P)       | EX    | Already Registered |
| EC47007 | PROJECT-I                                     | Project-I          | 0-0-0 | 3      | 7         | AU-21-22(P)       | B     | Already Registered |

| Performance Summary | TCT - TCC | SCT - SCC | NCGPA - CGPA - SGPA | ATCT - ATCC | ASCT - ASCC | ACGPA - ASGPA |
|---------------------|-----------|-----------|---------------------|-------------|-------------|---------------|
| Semester - 7        | 155 - 155 | 21 - 21   | 8.91 - 8.91 - 9.10  | 12 - 12     | 0 - 0       | 8.83 - 0.00   |