# GENERAL SLOT PATTERN

| Day | 8:30 – 9:20 | 9:30 – 10:20 | 10:30 – 11:20 | 11:30 – 12:20 | | 14:00 – 14:50 | 15:00 – 15:50 | 16:00 – 16:50 | 17:00 – 17:50 | 18:15 – 19:45 |
|---|---|---|---|---|---|---|---|---|---|---|
| Monday | A1 | B1 | C1 | D1 | Lunch break | H1 | I1 | J1 | K1 | Co-curricular Activities |
| Wednesday | D2 | A2 | B2 | C2 | | J2 | H2 | I2 | K2 | |
| Friday | C3 | D3 | A3 | B3 | | I3 | J3 | H3 | K3 | |
| Saturday | | Co-curricular Activities | | | | | | | | |

| Day | 8:30 – 9:45 | 9:50 – 11:05 | 11:10 – 12:25 | | 14:00 – 15:15 | 15:20 – 16:35 | 16:40 – 17:55 | 18:15 – 19:45 |
|---|---|---|---|---|---|---|---|---|
| Tuesday | E1 | F1 | G1 | Lunch break | SP1 | L1 | L2 | Co-curricular Activities |
| Thursday | G2 | E2 | F2 | | SP2 | M1 | M2 | |

| Category | Slot | Days | Duration/Each |
|---|---|---|---|
| Theory Core Slots | A, B, C, D | Monday, Wednesday, Friday | 50 Minutes |
| | E, F, G | Tuesday, Thursday | 75 Minutes |
| Theory elective slots | H, I, J, K | Monday, Wednesday, Friday | 50 Minutes |
| Laboratory core slots | L, M | Tuesday, Thursday | 75 Minutes |
| Laboratory elective slots | H, I, J, K | Monday, Wednesday, Friday | 50 Minutes |
| Special lecture slots | SP1, SP2 | Tuesday, Thursday | 75 Minutes |

## Mid semester / End semester examination Pattern

| Day | Morning Slots | Evening Slots |
|---|---|---|
| Day 1 | A | H |
| Day 2 | B | |
| Day 3 | C | I |
| Day 4 | D | |
| Day 5 | E | J |
| Day 6 | F | |
| Day 7 | G | K |

# 1st Semester (2025 Batch)

## Chemical and Biochemical Engineering

| S.No | C. Code | Course | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | MA108T | Calculus | 3 | 1.5 | 0 | 9 | G + IJ3 | | Prof. Shraddha Srivastava |
| 2 | PH101T | Quantum Physics and Applications | 2 | 1 | 0 | 6 | C | | Prof. S. M. Shivaprasad/ Prof. D Narasimha |
| 3 | PH101L | Hands on Science Laboratory – I | 0 | 0 | 3 | 3 | HIJ1/HIJ2/L/M | | Prof. Santosh Kumar/ Prof. Sudhir Kumar Sahoo/ Prof. Swananda Vishvas Marathe |
| 4 | CS101C | Computer Programming (S1) | 3 | 0 | 3 | 9 | B + EF1/EF2 | | Prof. Achyut Mani Tripathi/ Prof. Nikhil Devaratha Hegde |
| 5 | HS101T | Design Thinking and Creativity | 1 | 0 | 0 | PP/NP | F1/F2 | | Prof. Pradeep Yammiyavar |
| 6 | CH101T | Fundamental Concepts & Applications of Chemistry | 3 | 0 | 0 | 6 | D | | Prof. Kundan Kumar Singh Sagar/ Prof. Mahesh Gudem/ Prof. Nilkamal Mahanta/ Prof. Rajeswara Rao Malakalapalli/ Prof. Sudhir Kumar Sahoo |
| 7 | BB101T | Introduction to Modern Biology | 3 | 0 | 0 | 6 | A | | Prof. Bal Krishna Chaube/ Prof. Swananda Vishvas Marathe |
| 8 | | NSO/NSS/NCC/NCA | 0 | 0 | 2 | 2 | | | Mr. Ramesh G Mr. Keerthi Kumar Prof. Pradeep Yammiyavar Mr. Ravi Galimath |
| | | **First Semester Total Credits** | | | | **41** | | | |

## Civil and Infrastructure Engineering

| S.No | C. Code | Course | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | CH101T | Fundamental Concepts & Applications of Chemistry | 3 | 0 | 0 | 6 | D | | Prof. Kundan Kumar Singh Sagar/ Prof. Mahesh Gudem/ Prof. Nilkamal Mahanta/ Prof. Rajeswara Rao Malakalapalli/ Prof. Sudhir Kumar Sahoo |
| 2 | MA108T | Calculus | 3 | 1.5 | 0 | 9 | G + IJ3 | | Prof. Shraddha Srivastava |
| 3 | ME201T | Engineering Mechanics | 2 | 1 | 0 | 6 | A | | Prof. Satyapriya Gupta |
| 4 | PH101T | Quantum Physics and Applications | 2 | 1 | 0 | 6 | C | | Prof. S. M. Shivaprasad/ Prof. D Narasimha |
| 5 | CS101C | Computer Programming | 3 | 0 | 3 | 9 | B + EF1/EF2 | | Prof. Achyut Mani Tripathi/ Prof. Nikhil Devaratha Hegde |
| 6 | HS101T | Design Thinking and Creativity | 1 | 0 | 0 | PP/NP | F1/F2 | | Prof. Pradeep Yammiyavar |

| 7 | | CCA (NSO/NSS/NCA/NCC) | 0 | 0 | 2 | 2 | | | Mr. Ramesh G<br>Mr. Keerthi Kumar<br>Prof. Pradeep Yammiyavar<br>Mr. Ravi Galimath |
|---|---|---|---|---|---|---|---|---|---|

| | | **First Semester Total Credits** | | | | **38** | | | |
|---|---|---|---|---|---|---|---|---|---|

## Computer Science and Engineering

| S.No | C. Code | Course | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | MA108T | Calculus | 3 | 1.5 | 0 | 9 | G + IJ3 | | Prof. Shraddha Srivastava |
| 2 | CH101T | Fundamental Concepts &Applications of Chemistry | 3 | 0 | 0 | 6 | D | | Prof. Kundan Kumar Singh Sagar/<br>Prof. Mahesh Gudem/<br>Prof. Nilkamal Mahanta/<br>Prof. Rajeswara Rao Malakalapalli/<br>Prof. Sudhir Kumar Sahoo |
| 3 | EE101T | Introduction to Electrical Systems and Electronics | 3 | 0 | 0 | 6 | A | | Prof. Amarkumar Ayodhyasingh Kushwaha/Prof. Nagaveni S |
| 4 | CS101C | Computer Programming | 3 | 0 | 3 | 9 | B + EF1/EF2 | | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde |
| 5 | HS101T | Design thinking and Creativity - P/NP | 1 | 0 | 0 | PP/NP | F1/F2 | | Prof. Pradeep Yammiyavar |
| 6 | | CCA (NSO/NSS/NCA/NCC) | 0 | 0 | 2 | 2 | | | Mr. Ramesh G<br>Mr. Keerthi Kumar<br>Prof. Pradeep Yammiyavar<br>Mr. Ravi Galimath |
| 7 | ME101L | Hands on Engineering Lab | 0 | 0 | 3 | 3 | HIJ1/HIJ2/L/M | | Prof. Anbukkarasi R/<br>Prof. Nikhil Devaratha Hegde/<br>Prof. Omkar Baswaraj Bembalge/<br>Prof. Pratyasa Bhui/<br>Prof. Somashekara M. A./<br>Prof. Vyom Sharma |

| | | **First Semester Total Credits** | | | | **35** | | | |
|---|---|---|---|---|---|---|---|---|---|

## EEE & ECE

| S.No | C. Code | Course | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | MA108T | Calculus | 3 | 1.5 | 0 | 9 | G + IJ3 | | Prof. Shraddha Srivastava |
| 2 | PH101T | Quantum Physics and Applications | 2 | 1 | 0 | 6 | C | | Prof. S. M. Shivaprasad/<br>Prof. D Narasimha |
| 3 | EE101T | Introduction to Electrical Systems and Electronics | 3 | 0 | 0 | 6 | A | | Prof. Amarkumar Ayodhyasingh Kushwaha/Prof. Nagaveni S |
| 4 | CS101C | Computer Programming | 3 | 0 | 3 | 9 | B + EF1/EF2 | | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde |

| S.No | C. Code | Course | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 5 | HS101T | Design Thinking and Creativity | 1 | 0 | 0 | PP/NP | F1/F2 | | Prof. Pradeep Yammiyavar |
| 6 | | NSO/NSS/NCC/NCA | 0 | 0 | 2 | 2 | | | Mr. Ramesh G<br>Mr. Keerthi Kumar<br>Prof. Pradeep Yammiyavar<br>Mr. Ravi Galimath |
| 7 | EE101O | Formal Communications | 1 | 0 | 0 | 2 | D1 | | Prof. Satish Naik Banavath |
| | | | | | | **34** | | | |

| | | | | | | Engineering Physics | | | |
|---|---|---|---|---|---|---|---|---|---|
| S.No | C. Code | Course | L | T | P | C | Slot Assigned | Venue | Instructor |
| 1 | MA108T | Calculus | 3 | 1.5 | 0 | 9 | G + IJ3 | | Prof. Shraddha Srivastava |
| 2 | PH101T | Quantum Physics and Applications | 2 | 1 | 0 | 6 | C | | Prof. S. M. Shivaprasad/<br>Prof. D Narasimha |
| 3 | CH101T | Fundamental Concepts and Applications of Chemistry | 3 | 0 | 0 | 6 | D | | Prof. Kundan Kumar Singh Sagar/<br>Prof. Mahesh Gudem/<br>Prof. Nilkamal Mahanta/<br>Prof. Rajeswara Rao Malakalapalli/<br>Prof. Sudhir Kumar Sahoo |
| 4 | EE101T | Introduction to Electrical Systems and Electronics | 3 | 0 | 0 | 6 | A | | Prof. Amarkumar Ayodhyasingh Kushwaha/Prof. Nagaveni S |
| 5 | PH101L | Hands on Science Laboratory - I | 0 | 0 | 3 | 3 | HIJ1/HIJ2/L/M | | Prof. Santosh Kumar/<br>Prof. Sudhir Kumar Sahoo/<br>Prof. Swananda Vishvas Marathe |
| 6 | CS101C | Computer Programming | 3 | 0 | 3 | 9 | B + EF1/EF2 | | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde |
| 7 | HS101T | Design Thinking and Creativity | 1 | 0 | 0 | PP/NP | F1/F2 | | Prof. Pradeep Yammiyavar |
| 8 | | CCA (NSO/NSS/NCA/NCC) | 0 | 0 | 2 | 2 | | | Mr. Ramesh G<br>Mr. Keerthi Kumar<br>Prof. Pradeep Yammiyavar<br>Mr. Ravi Galimath |
| | **First Semester Total Credits** | | | | | **41** | | | |

| | | | | | | Mathematics and Computing | | | |
|---|---|---|---|---|---|---|---|---|---|
| S.No | C. Code | Course | L | T | P | C | Slot Assigned | Venue | Instructor |
| 1 | MA108T | Calculus | 3 | 1.5 | 0 | 9 | G + IJ3 | | Prof. Shraddha Srivastava |
| 2 | PH101T | Quantum Physics and Applications | 2 | 1 | 0 | 6 | C | | Prof. S. M. Shivaprasad/<br>Prof. D Narasimha |
| 3 | EE101T | Introduction to Electrical Systems and Electronics | 3 | 0 | 0 | 6 | A | | Prof. Amarkumar Ayodhyasingh Kushwaha/Prof. Nagaveni S |

| S.No | C. Code | Course | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 4 | ME101L | Hands on Engineering | 0 | 0 | 3 | 3 | HIJ1/HIJ2/L/M | | Prof. Anbukkarasi R/ Prof. Nikhil Devaratha Hegde/ Prof. Omkar Baswaraj Bembalge/ Prof. Pratyasa Bhui/ Prof. Somashekara M. A./ Prof. Vyom Sharma |
| 5 | CS101C | Computer Programming | 3 | 0 | 3 | 9 | B + EF1/EF2 | | Prof. Achyut Mani Tripathi/ Prof. Nikhil Devaratha Hegde |
| 6 | HS101T | Design Thinking and Creativity | 1 | 0 | 0 | PP/NP | F1/F2 | | Prof. Pradeep Yammiyavar |
| 7 | | CCA (NSO/NSS/NCA/NCC) | 0 | 0 | 2 | 2 | | | Mr. Ramesh G Mr. Keerthi Kumar Prof. Pradeep Yammiyavar Mr. Ravi Galimath |
| | | **First Semester Total Credits** | | | | **35** | | | |
| | | **Mechanical Engineering** | | | | | | | |
| S.No | C. Code | Course | L | T | P | C | Slot Assigned | Venue | Instructor |
| 1 | ME101T | Linear Algebra: Theory and Numerics | 2 | 1 | 0 | 6 | C | | Prof. Sangamesh Deepak R |
| 2 | ME201T | Engineering Mechanics | 2 | 1 | 0 | 6 | A | | Prof. Satyapriya Gupta |
| 3 | ME102C | Introduction to Mechanical Engineering | 2 | 0 | 2 | 6 | G + IJ3 | | Prof. Dhiraj V Patil/ Prof. Punnag Chatterjee/ Prof. Somashekara M. A. |
| 4 | ME101P | Formal and Technical Communications | 0 | 0 | 2 | 2 | HK3 | | Prof. Keerthi M. C./ Prof. Meenatchidevi Murugesan/ Prof. Omkar Baswaraj Bembalge/ Prof. Sudheer Siddapureddy/ Prof. Vyom Sharma |
| 5 | ME101L | Hands on Engineering | 0 | 0 | 3 | 3 | HIJ1/HIJ2/L/M | | Prof. Anbukkarasi R/ Prof. Nikhil Devaratha Hegde/ Prof. Omkar Baswaraj Bembalge/ Prof. Pratyasa Bhui/ Prof. Somashekara M. A./ Prof. Vyom Sharma |
| 6 | CS101C | Computer Programming | 3 | 0 | 3 | 9 | B + EF1/EF2 | | Prof. Achyut Mani Tripathi/ Prof. Nikhil Devaratha Hegde |
| 7 | HS101T | Design Thinking and Creativity | 1 | 0 | 0 | PP/NP | F1/F2 | | Prof. Pradeep Yammiyavar |
| 8 | | CCA (NSO/NSS/NCA/NCC) | 0 | 0 | 2 | 2 | | | Mr. Ramesh G Mr. Keerthi Kumar Prof. Pradeep Yammiyavar Mr. Ravi Galimath |
| | | **First Semester Total Credits** | | | | **41** | | | |
| | | **BSMS** | | | | | | | |
| S.No | C. Code | Course | L | T | P | C | Slot Assigned | Venue | Instructor |

| | | | L | T | P | C | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | MA108T | Calculus | 3 | 1.5 | 0 | 9 | G + IJ3 | | Prof. Shraddha Srivastava |
| 2 | PH101T | Quantum Physics and Applications | 2 | 1 | 0 | 6 | C | | Prof. S. M. Shivaprasad/ Prof. D Narasimha |
| 3 | CH101T | Fundamental Concepts and Applications of Chemistry | 3 | 0 | 0 | 6 | D | | Prof. Kundan Kumar Singh Sagar/ Prof. Mahesh Gudem/ Prof. Nilkamal Mahanta/ Prof. Rajeswara Rao Malakalapalli/ Prof. Sudhir Kumar Sahoo |
| 4 | BB101T | Introduction to Modern biology | 3 | 0 | 0 | 6 | A | | Prof. Bal Krishna Chaube/ Prof. Swananda Vishvas Marathe |
| 5 | PH101L | Hands on Science Laboratory - I | 0 | 0 | 3 | 3 | HIJ1/HIJ2/L/M | | Prof. Santosh Kumar/ Prof. Sudhir Kumar Sahoo/ Prof. Swananda Vishvas Marathe |
| 6 | CS101C | Computer Programming | 3 | 0 | 3 | 9 | B + EF1/EF2 | | Prof. Achyut Mani Tripathi/ Prof. Nikhil Devaratha Hegde |
| 7 | HS101T | Design Thinking and Creativity | 1 | 0 | 0 | PP/NP | F1/F2 | | Prof. Pradeep Yammiyavar |
| 8 | | NSO/NSS/NCC/NCA | 0 | 0 | 2 | 2 | | | Mr. Ramesh G Mr. Keerthi Kumar Prof. Pradeep Yammiyavar Mr. Ravi Galimath |
| **First Semester Total Credits** | | | | | | **41** | | | |

## 3rd Semester ( 2024 Batch)

### CBE

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | CL205T | Heat Transfer for Chemical Engineers | 3 | 0 | 0 | 6 | B | | Prof. Ashok Kumar Ummireddi |
| 2 | CL203T | Introduction to chemical engineering thermodynamics | 3 | 0 | 0 | 6 | G | | Prof. Ravi Chandra Dutta |
| 3 | CL204T | Fluid Mechanics and Mechanical Operations | 2 | 1 | 0 | 6 | C | | Prof. Sontti Somasekhara Goud |
| 4 | ME205T | Mechanics of Materials | 2 | 1 | 0 | 6 | D | | Prof. Amar Keshav Gaonkar |
| 5 | EE205T | Introduction to Probability (1st Half) | 3 | 0 | 0 | 3 | A | | Prof. Gopal Krishna Kamath M./Prof. B. N. Bharath |
| 6 | EE207T | Data Analysis (2nd Half) | 3 | 0 | 0 | 3 | A | | Prof. Gopal Krishna Kamath M./Prof. Naveen M B |
| 7 | BB401T | Basics of Cell Biology and Genetics | 3 | 0 | 0 | 6 | E | | Prof. Surya Pratap Singh |
| **Total Credits** | | | | | | **39** | | | |

### CIE

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ME203T | Fluid Mechanics | 3 | 0 | 0 | 6 | C | | Prof. Ramjee Repaka |
| 2 | ME205T | Mechanics of Materials | 2 | 1 | 0 | 6 | D | | Prof. Amar Keshav Gaonkar |
| 3 | CE201C | Building and Construction Materials | 1 | 1 | 2 | 6 | A + L | | Prof. Ramesh Nayaka |
| 4 | HS201T | Economics | 3 | 0 | 0 | 6 | B | | Prof. Mohana Rao Balaga/Prof. Debalina |
| 5 | CE201T | Hydraulics Engineering | 2 | 1 | 0 | 6 | F | | Prof. Venkappayya R. Desai/ |

| 6 | CE202C | Building Planning and Drawing | 2 | 0 | 2 | 6 | E + M | | Prof. Giridhar Rajesh Bande |
|---|---|---|---|---|---|---|---|---|---|
| | | **Total Credits** | | | | **36** | | | |

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|---|---|---|---|---|---|---|---|---|---|
| | | | **CSE** | | | | | | |
| S.No | C. Code | Course name | L | T | P | C | Slot Assigned | Venue | Instructor |
| 1 | CS203T | Design and analysis of algorithms | 3 | 0 | 0 | 6 | D | | Prof. Konjengbam Anand |
| 2 | CS202T | Discrete structures | 3 | 0 | 0 | 6 | C | | Prof. Vijeth Jinachandra Kotagi |
| 3 | EE205T | Introduction to Probability (1st Half) | 3 | 0 | 0 | 3 | A | | Prof. Gopal Krishna Kamath M./Prof. B. N. Bharath |
| 4 | EE207T | Data Analysis (2nd Half) | 3 | 0 | 0 | 3 | A | | Prof. Gopal Krishna Kamath M./Prof. Naveen M B |
| 5 | HS201T | Economics | 3 | 0 | 0 | 6 | B | | Prof. Mohana Rao Balaga/Prof. Debalina |
| 6 | CS201C | Software Systems Lab | 1 | 3 | 0 | 8 | HIJK3 | | Prof. Koteswararao Kondepu |
| | | **Total Credits** | | | | **32** | | | |

| | | | **ECE and EEE** | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
| 1 | EE205T | Introduction to Probability (1st Half) | 3 | 0 | 0 | 3 | A | | Prof. Gopal Krishna Kamath M./Prof. B. N. Bharath |
| 2 | EE207T | Data Analysis (2nd Half) | 3 | 0 | 0 | 3 | A | | Prof. Gopal Krishna Kamath M./Prof. Naveen M B |
| 3 | EE201T | Introduction to Analog Circuits (1st Half) | 3 | 0 | 0 | 3 | E | | Prof. Naveen Kadayinti |
| 4 | EE204T | Signals and Systems | 2 | 1 | 0 | 6 | C | | Prof. Ameer Kalandar Mulla |
| 5 | PH102T | Electricity and Magnetism | 2 | 1 | 0 | 6 | D | | Prof. Sairam Boggavarapu |
| 6 | EE201L | Devices and Circuits Lab | 0 | 0 | 3 | 3 | L | | Prof. Vigneshwara Raja P. |
| 7 | MA106T | Complex Analysis (1st Half) | 3 | 1 | 0 | 4 | F + I3 | | Prof. Amlan K Barua |
| 8 | MA201T | Differential Equations II (2nd Half) | 3 | 1 | 0 | 4 | F + I3 | | Prof. Dhriti Ranjan Dolai |
| 9 | HS201T | Economics | 3 | 0 | 0 | 6 | B | | Prof. Mohana Rao Balaga/Prof. Debalina |
| | | **Total Credits** | | | | **38** | | | |

| | | | **EP** | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sl. No. | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
| 1 | PH302T | Classical Mechanics | 2 | 1 | 0 | 6 | D | | Prof. Koushik Saha |
| 2 | PH303T | Quantum Mechanics-I | 2 | 1 | 0 | 6 | J (Exam will be conducted in F slot) | | Prof. R. Prabhu |
| 3 | HS201T | Economics | 3 | 0 | 0 | 6 | B | | Prof. Mohana Rao Balaga/Prof. Debalina Chakravarty |
| 4 | ME206T | Thermodynamics | 2 | 1 | 0 | 6 | E | | Prof. Keerthi M. C. |
| 5 | EE204T | Signals and Systems | 2 | 1 | 0 | 6 | C | | Prof. Ameer Kalandar Mulla |
| 6 | EE205T | Introduction to Probability (1st Half) | 3 | 0 | 0 | 3 | A | | Prof. Gopal Krishna Kamath M./Prof. B. N. Bharath " |
| 7 | EE207T | Data Analysis (2nd Half) | 3 | 0 | 0 | 3 | A | | Prof. Gopal Krishna Kamath M./Prof. Naveen M B |
| 8 | PH201L | Introductory Physics Laboratory | 0 | 0 | 3 | 3 | L | | Prof. Koushik Saha |

|  |  | Total Credits |  |  |  | 39 |  |  |  |
|---|---|---|---|---|---|---|---|---|---|

## Maths & Computing

| S.No | C. Code | Course name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | CS203T | Design and analysis of algorithms | 3 | 0 | 0 | 6 | D |  | Prof. Konjengbam Anand |
| 2 | CS202T | Discrete structures | 3 | 0 | 0 | 6 | C |  | Prof. Vijeth Jinachandra Kotagi |
| 3 | EE205T | Introduction to Probability (1st Half) (S2) | 3 | 0 | 0 | 3 | A |  | Prof. B. N. Bharath |
| 4 | EE207T | Data Analysis (2nd Half) | 3 | 0 | 0 | 3 | A |  | Prof. Gopal Krishna Kamath M./Prof. Naveen M B |
| 5 | HS201T | Economics | 3 | 0 | 0 | 6 | B |  | Prof. Mohana Rao Balaga/Prof. Debalina Chakravarty |
| 6 | CS201C | Software Systems Lab | 1 | 3 | 0 | 8 | HIJK3 |  | Prof. Koteswararao Kondepu |
| 7 | CS403T | Graph Theory and Combinatorics | 3 | 0 | 0 | 6 | G |  | Prof. Sagnik Sen |
|  |  | **Total credits** |  |  |  | 38 |  |  |  |

## ME

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ME206T | Thermodynamics | 2 | 1 | 0 | 6 | E |  | Prof. Keerthi M. C. |
| 2 | ME203T | Fluid Mechanics | 3 | 0 | 0 | 6 | C |  | Prof. Ramjee Repaka |
| 3 | ME205T | Mechanics of Materials | 2 | 1 | 0 | 6 | D |  | Prof. Amar Keshav Gaonkar |
| 4 | ME204T | Manufacturing Processes - I | 3 | 0 | 0 | 6 | G |  | Prof. Sushanta Kumar Sethi |
| 5 | ME202C | Machine Drawing and 3D Modelling Laboratory | 0 | 0 | 3 | 3 | HIJ1 |  | Prof. Samarth Shankar Raut |
| 6 | EE205T | Introduction to Probability (1st Half) | 3 | 0 | 0 | 3 | A |  | Prof. Gopal Krishna Kamath M./Prof. B. N. Bharath " |
| 7 | ME201L | Manufacturing processes and Metrology Laboratory | 0 | 0 | 3 | 3 | M |  | Prof. Rakesh Lingam |
| 8 | HS201T | Economics | 3 | 0 | 0 | 6 | B |  | Prof. Mohana Rao Balaga/Prof. Debalina Chakravarty |
|  |  | **Total Credits** |  |  |  | 39 |  |  |  |

## BSMS

| S. No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | HS201T | Economics | 3 | 0 | 0 | 6 | B |  | Prof. Mohana Rao Balaga/Prof. Debalina Chakravarty |
| 2 | BB401T | Basics of Cell Biology and Genetics | 3 | 0 | 0 | 6 | E |  | Prof. Surya Pratap Singh |
| 3 | CH204T | Physical Organic and Bioorganic Chemistry (2nd Half) | 3 | 0 | 0 | 3 | F |  | Prof. Nilkamal Mahanta |
| 4 | CH202T | Inorganic Chemistry (1st Half) | 3 | 0 | 0 | 3 | F |  | Prof. Rajeswara Rao Malakalapalli |
| 5 | MA401T | Introduction to Probability Theory | 3 | 1 | 0 | 8 | G + I3 |  | Prof. Ravindran (Visitng Faculty) |
| 6 | PH201T | Waves, Oscillations & Optics | 2 | 1 | 0 | 6 | A |  | Prof. Santosh Kumar |
| 7 | MA102L | Mathematics Laboratory | 0 | 0 | 3 | 3 | L |  | Prof. Sagnik Sen |

| | | Total Credits | | | | 35 | | | |
|---|---|---|---|---|---|---|---|---|---|

| **5th Semester (2023 Batch)** |
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| **CBE** |
|---|

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | CL302T | Process Equipment Design and Economics | 3 | 0 | 0 | 6 | C | | Prof. Shashwata Ghosh |
| 2 | HS201T | Economics | 3 | 0 | 0 | 6 | B | | Prof. Debalina Chakravarty/ Prof. Mohana Rao Balaga |
| 3 | CH305T | Electrochemistry (2nd Half) | 3 | 0 | 0 | 3 | E | | Prof. Sudhir Kumar Sahoo |
| 4 | CH303T | Introduction to computational chemistry (1st Half) | 3 | 0 | 0 | 3 | E | | Prof. Sudhir Kumar Sahoo |
| 5 | CL301L | Chemical Engineering lab -II (Heat Transfer & Solid mechanics) | 0 | 0 | 3 | 3 | HIJ2 | | Prof. Suvamay Jana |
| 6 | CL302L | Chemical Engineering Lab III (mass transfer and reaction engineering) | 0 | 0 | 3 | 3 | L | | Prof. Suvamay Jana |
| 7 | CL304T | Application of Mass Transfer | 3 | 0 | 0 | 6 | D | | Prof. Varaha Jayarama Krishna Jonnalagedda |
| 8 | | Programme elective-II | 3 | 0 | 0 | 6 | | | Please see the list of electives |
| | | **Total Credits** | | | | **36** | | | |

| **CIE** |
|---|

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | CE302T | Design of Concrete Structures | 2 | 1 | 0 | 6 | A | | Prof. Chinthapalli Hemanth Kumar |
| 2 | CE303T | Geotechnical Engineering | 2 | 1 | 0 | 6 | F | | Prof. Amarnath Hegde |
| 3 | CE304T | Transportation Engineering | 2 | 1 | 0 | 6 | C | | Prof. Aniket Vasantrao Kataware |
| 4 | CE302L | Transportation Engineering Laboratory | 0 | 0 | 3 | 3 | HIJ1 | | Prof. Aniket Vasantrao Kataware |
| 5 | CE303L | Geotechnical Engineering Laboratory | 0 | 0 | 3 | 3 | HIJ2 | | Prof. Amarnath Hegde |
| 6 | CE305T | Environmental Engineering | 2 | 1 | 0 | 6 | E | | Prof. K V Jayakumar |
| 7 | CE304L | Environmental Engineering Laboratory | 0 | 0 | 3 | 3 | M | | Prof. K V Jayakumar |
| 8 | CE305L | Civil Engineering Software Laboratory | 0 | 0 | 3 | 3 | L | | Prof. Giridhar Rajesh Bande/ Prof. Chinthapalli Hemanth Kumar |
| | | **Total Credits** | | | | **36** | | | |

| **CSE** |
|---|

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | CS303T | Operating systems | 3 | 0 | 0 | 6 | A | | Prof. Rajshekar K. |
| 2 | CS205T | Databases and information systems | 3 | 0 | 0 | 6 | B | | Prof. Siba Narayan Swain |
| 3 | | Elective I / R&D I# | 3 | 0 | 0 | 6 | | | Please see the list of electives |
| 4 | | Elective II | 3 | 0 | 0 | 6 | | | Please see the list of electives |
| 5 | | HSS Elective | 3 | 0 | 0 | 6 | | | Please see the list of electives |
| 6 | CS302L | Operating systems lab | 0 | 0 | 3 | 3 | L | | Prof. Rajshekar K. |
| 7 | CS202L | Databases and information systems laboratory | 0 | 0 | 3 | 3 | M | | Prof. Siba Narayan Swain |
| | | **Total credits** | | | | **36** | | | |

| | | EE | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
| 1 | EE301T | Microprocessors and Microcontrollers | 3 | 0 | 0 | 6 | E | | Prof. Samba Raju Chiluveru |
| 2 | EE305T | Digital Signal Processing (1st Half) | 3 | 0 | 0 | 3 | B | | Prof. Naveen M B |
| 3 | EE304L | Digital Signal Processing Lab (2nd Half) | 0 | 0 | 4 | 2 | L | | Prof. Shashaank Aswatha Mattur |
| 4 | EE302L | Microprocessors and Microcontrollers Lab | 0 | 0 | 3 | 3 | CDA3 | | Prof. Samba Raju Chiluveru |
| 5 | EE202L | Electrical Mechines and Power Electronics Lab | 0 | 0 | 3 | 3 | M | | Prof. Animesh Kumar Sahoo + Prof. Sairam Boggavarapu |
| 6 | | HSS Elective | 3 | 0 | 0 | 6 | | | |
| 7 | | Electives | | | | 12 | | | |
| | | **Total Credits** | | | | **35** | | | |

| | | EP | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
| 1 | EE207T | Data Analysis (2nd Half) | 3 | 0 | 0 | 3 | A | | Prof. Gopal Krishna Kamath M./Prof. Naveen M B |
| 2 | PH302T | Classical Mechanics | 2 | 1 | 0 | 6 | D | | Prof. Koushik Saha |
| 3 | PH303T | Quantum Mechanics-I | 2 | 1 | 0 | 6 | J (Exam to be conducted in F slot) | | Prof. R. Prabhu |
| 4 | PH401L | Advanced Physics Laboratory | 0 | 0 | 3 | 3 | M | | Prof. Kavita Devi |
| 5 | EE305T | Digital Signal Processing (1st Half) | 3 | 0 | 0 | 3 | B | | Prof. Naveen M B |
| 6 | EE304L | Digital Signal Processing Lab (2nd Half) | 0 | 0 | 4 | 2 | L | | Prof. Shashaank Aswatha Mattur |
| 7 | ME203T | Fluid Mechanics | 2 | 1 | 0 | 6 | C | | Prof. Ramjee Repaka |
| | | **Total Credits** | | | | **29** | | | |

| | | Maths & Computing | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
| 1 | MA407T | Stochastic Models | 3 | 0 | 0 | 6 | D | | Prof. Neelesh (Visiting Faculty) |
| 2 | MA404T | Introduction to Mathematical Finance I | 3 | 0 | 0 | 6 | E | | Prof. Ravindran (Visitng Faculty) |
| 3 | - | CSE Elective I | | | | 6 | | Please see the list of electives | |
| 4 | - | Mathematics Elective I | | | | 6 | | Please see the list of electives | |
| 5 | - | HSS Elective I | 3 | 0 | 0 | 6 | | Please see the list of electives | |
| 6 | CS407T | Mathematics for Data Science | 3 | 0 | 0 | 6 | F | | Prof. Vandana Bharti |
| | | **Total credits** | | | | **36** | | | |

| | | ME | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
| 1 | ME211T | Manufacturing Processes - II | 2 | 1 | 0 | 6 | D | | Prof. Anbukkarasi R |
| 2 | ME306T | Design of Machine Elements | 3 | 0 | 0 | 6 | C | | Prof. Samarth Shankar Raut |
| 3 | ME301T | Applied Thermodynamics | 3 | 0 | 0 | 6 | B | | Prof. Dhiraj V Patil |
| 4 | ME205L | Heat Transfer Laboratory | 0 | 0 | 3 | 3 | L/M | | Prof. Keerthi M. C./ Prof. Surya Prakash Ramesh |

| 5 | ME204L | Solid Mechanics Laboratory | 0 | 0 | 3 | 3 | EF2 | | Prof. Vyom Sharma |
|---|---|---|---|---|---|---|---|---|---|
| 6 | ME207L | Mechanical Measurements Laboratory | 0 | 0 | 3 | 3 | L/M | | Prof. Meenatchidevi Murugesan/ Prof. Sudheer Siddapureddy |
| 7 | EE207T | Data Analysis (2nd Half) | 3 | 0 | 0 | 3 | A | | Prof. Gopal Krishna Kamath M./Prof. Naveen M B |
| 8 | | Elective 1 | 3 | 0 | 0 | 6 | | | Please see the list of electives |
| | | **Total Credits** | | | | **36** | | | |

## BS-MS - Major in Biology

| S. No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | BB405T | Molecular Biology | 2 | 1 | 0 | 6 | B | | Prof. Subhash Mehto |
| 2 | BB502T | Genomics and proteomics (2nd Half) | 3 | 0 | 0 | 3 | D | | Prof. Sudhanshu Kumar Shukla |
| 3 | BB501T | Biostatistics (1st Half) | 3 | 0 | 0 | 3 | D | | Prof. Sudhanshu Kumar Shukla |
| 4 | BB202L | Biology Lab II | 0 | 0 | 6 | 6 | L | | Prof. Subhash Mehto |
| 5 | | Institute Elective – II | 3 | 0 | 0 | 6 | | | |
| 6 | | Program Electives | | | | 6 | | | Please see the list of electives |
| | | **Total Credits** | | | | **30** | | | |

## BS-MS - Major in Chemistry

| S. No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | CH306T | Coordination and organometallic chemistry | 3 | 0 | 0 | 6 | I | | Prof. Rajeswara Rao Malakalapalli |
| 2 | CH502T | Concepts in organic synthesis | 3 | 0 | 0 | 6 | J | | Prof. Nilkamal Mahanta |
| 3 | CH503T | Molecular spectroscopy | 3 | 0 | 0 | 6 | H | | Prof. Mahesh Gudem |
| 4 | CH401L | Chemistry laboratory-II | 0 | 0 | 3 | 3 | L | | Prof. Mahesh Gudem |
| 5 | | Program Elective-II | 2 | 1 | 0 | 6 | | | Please see the list of electives |
| 6 | | Program Elective-III | 2 | 1 | 0 | 3 | | | Please see the list of electives |
| 7 | | Program Elective-IV | 2 | 1 | 0 | 3 | | | Please see the list of electives |
| | | **Total Credits** | | | | **33** | | | |

## BS-MS - Major in Mathematics

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | MA304T | Rings and Modules | 2 | 1 | 0 | 6 | F | | Prof. Sury (Visiting Faculty) |
| 2 | MA405T | Introduction to Complex Analysis | 2 | 1 | 0 | 6 | C | | Prof. Shreedevi Masuti |
| 3 | MA406T | General Topology | 2 | 1 | 0 | 6 | B | | Prof. Dhriti Ranjan Dolai |
| 4 | CS403T | Graph Theory and Combinatorics | 2 | 1 | 0 | 6 | G | | Prof. Sagnik Sen |
| 5 | | Program Elective-II | | | | 6 | | | Please see the list of electives |
| | | **Total Credits** | | | | **30** | | | |

## BS-MS - Major in Physics

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | PH301T | Electrodynamics | 2 | 1 | 0 | 6 | C | | Prof. Kavita Devi |
| 2 | PH302T | Classical Mechanics | 2 | 1 | 0 | 6 | D | | Prof. Koushik Saha |

| | | | L | T | P | C | | | |
|---|---|---|---|---|---|---|---|---|---|
| 3 | PH303T | Quantum Mechanics-I | 2 | 1 | 0 | 6 | J (Exam to be conducted in F slot) | | Prof. R. Prabhu |
| 4 | EE201T | Introduction to Analog Circuits (1st Half) | 3 | 0 | 0 | 3 | E | | Prof. Naveen Kadayinti |
| 5 | EE201L | Devices and Circuits Lab | 0 | 0 | 3 | 3 | L | | Prof. Vigneshwara Raja P. |
| 6 | PH401L | Advanced Physics Laboratory | 0 | 0 | 3 | 3 | M | | Prof. Kavita Devi |
| 7 | | HSS Elective-II | 3 | 0 | 0 | 6 | | | Please see the list of electives |
| | | ALO | | | | | | | |
| **Total Credits** | | | | | | 33 | | | |

## 7th semester (2022 Batch)

### CBE

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | HSS Elective | | | | 6 | | | |
| 2 | | Institute Elective-I | | | | 6 | | | |
| 3 | | Institute Elective-II | | | | 6 | | | Please see the list of electives |
| 4 | | Programme elective-V/ BTP-I | | | | 6 | | | |
| 5 | | Programme elective-VI | | | | 6 | | | |
| **Total credits** | | | | | | 30 | | | |

### CIE

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | Construction Engineering and Management | 2 | 1 | 0 | 6 | A | | Prof. Somil Yadav |
| 2 | | Civil and Infrastructure Engineering Design | 1 | 0 | 1 | 3 | B | | Prof. Sanatkumar P Rajamane Jain |
| 3 | | Institute Elective-V | 2 | 1 | 0 | 6 | | | |
| 4 | | HSS Elective | | | | 6 | | | Please see the list of electives |
| 5 | | BTP-I/Program Elective-I | 0 | 0 | 6 | 6 | | | |
| **Total credits** | | | | | | 18 | | | |

### CSE

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | Elective IV | | | | 6 | | | |
| 2 | | Elective V | | | | 6 | | | |
| 3 | | Elective VI | | | | 6 | | | |
| 4 | | Elective VII / project | | | | 6 | | | Please see the list of electives |
| **Total credits** | | | | | | 24 | | | |

### CSE

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | Elective IV | | | | 6 | | | |
| 2 | | Elective V | | | | 6 | | | Please see the list of electives |

| 3 | | Elective VI / project | | | | 6 | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | **Total credits** | | | | **18** | | | |
| | | | | | | | | | |

<table>
<tr><td colspan="10" align="center">**EE**</td></tr>
<tr><td>**S.No**</td><td>**C. Code**</td><td>**Course Name**</td><td>**L**</td><td>**T**</td><td>**P**</td><td>**C**</td><td>**Slot Assigned**</td><td>**Venue**</td><td>**Instructor**</td></tr>
<tr><td>1</td><td></td><td>Electives</td><td></td><td></td><td></td><td>30</td><td colspan="3" align="center">Please see the list of electives</td></tr>
<tr><td colspan="2" align="center">**Total Credits**</td><td></td><td></td><td></td><td></td><td>**30**</td><td></td><td></td><td></td></tr>
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<table>
<tr><td colspan="10" align="center">**EP**</td></tr>
<tr><td>**Sl. No.**</td><td>**C. Code**</td><td>**Course Name**</td><td>**L**</td><td>**T**</td><td>**P**</td><td>**C**</td><td>**Slot Assigned**</td><td>**Venue**</td><td>**Instructor**</td></tr>
<tr><td>1</td><td></td><td>HSS Elective - II</td><td>3</td><td>0</td><td>0</td><td>6</td><td colspan="3" align="center">Please see the list of electives</td></tr>
<tr><td>2</td><td></td><td>Seminar – 2</td><td>0</td><td>0</td><td>3</td><td>3</td><td colspan="3" align="center">NA</td></tr>
<tr><td>3</td><td></td><td>Institute Elective – 2</td><td>2</td><td>1</td><td>0</td><td>6</td><td></td><td></td><td></td></tr>
<tr><td>4</td><td></td><td>Institute Elective – 3/ BTP-I</td><td>2</td><td>1</td><td>0</td><td>6</td><td colspan="3" align="center">Please see the list of electives</td></tr>
<tr><td colspan="2" align="center">**Total Credits**</td><td></td><td></td><td></td><td></td><td>**21**</td><td></td><td></td><td></td></tr>
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<table>
<tr><td colspan="10" align="center">**Maths & Computing**</td></tr>
<tr><td>**S.No**</td><td></td><td>**Course Name**</td><td>**L**</td><td>**T**</td><td>**P**</td><td>**C**</td><td>**Slot Assigned**</td><td>**Venue**</td><td>**Instructor**</td></tr>
<tr><td>1</td><td></td><td>CSE Elective /Mathematics Elective</td><td></td><td></td><td></td><td>**6**</td><td colspan="3" align="center">Please see the list of electives</td></tr>
<tr><td>2</td><td></td><td>Institute Elective/BTP</td><td></td><td></td><td></td><td>**6**</td><td colspan="3" align="center">Please see the list of electives</td></tr>
<tr><td>3</td><td></td><td>Institute Elective</td><td></td><td></td><td></td><td>**6**</td><td colspan="3" align="center">Please see the list of electives</td></tr>
<tr><td colspan="2" align="center">**Total Credits**</td><td></td><td></td><td></td><td></td><td>**18**</td><td></td><td></td><td></td></tr>
<tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr>
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<table>
<tr><td colspan="10" align="center">**ME**</td></tr>
<tr><td>**S.No**</td><td>**C. Code**</td><td>**Course Name**</td><td>**L**</td><td>**T**</td><td>**P**</td><td>**C**</td><td>**Slot Assigned**</td><td>**Venue**</td><td>**Instructor**</td></tr>
<tr><td>1</td><td></td><td>Elective Course</td><td>3</td><td>0</td><td>0</td><td>6</td><td></td><td></td><td></td></tr>
<tr><td>2</td><td></td><td>Elective Course</td><td>3</td><td>0</td><td>0</td><td>6</td><td></td><td></td><td></td></tr>
<tr><td>3</td><td></td><td>Elective Course / BTP - I</td><td>3</td><td>0</td><td>0</td><td>6</td><td colspan="3" align="center">Please see the list of electives</td></tr>
<tr><td colspan="2" align="center">**Total Credits**</td><td></td><td></td><td></td><td></td><td>**18**</td><td></td><td></td><td></td></tr>
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<table>
<tr><td colspan="10" align="center">**BS-MS - Major in Biology**</td></tr>
<tr><td>**S. No**</td><td></td><td>**Course Name**</td><td>**L**</td><td>**T**</td><td>**P**</td><td>**C**</td><td>**Slot Assigned**</td><td>**Venue**</td><td>**Instructor**</td></tr>
<tr><td>1</td><td></td><td>Immunology</td><td>2</td><td>1</td><td>0</td><td>6</td><td>B</td><td></td><td>Prof. Bal Krishna Chaube</td></tr>
<tr><td>2</td><td></td><td>Biology Lab IV</td><td>3</td><td>0</td><td>0</td><td>3</td><td>M</td><td></td><td>Prof. Sudhanshu Kumar Shukla</td></tr>
<tr><td>3</td><td></td><td>Program Electives</td><td></td><td></td><td></td><td>6</td><td></td><td></td><td></td></tr>
<tr><td>4</td><td></td><td>Institute Elective – II</td><td>3</td><td>0</td><td>0</td><td>6</td><td></td><td></td><td></td></tr>
<tr><td>5</td><td></td><td>HSS Elective</td><td>3</td><td>0</td><td>0</td><td>6</td><td colspan="3" align="center">Please see the list of electives</td></tr>
<tr><td colspan="3" align="center">**Total Credits**</td><td></td><td></td><td></td><td>**27**</td><td></td><td></td><td></td></tr>
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<table>
<tr><td colspan="10" align="center">**BS-MS - Major in Chemistry**</td></tr>
<tr><td>**S. No**</td><td>**C. Code**</td><td>**Course Name**</td><td>**L**</td><td>**T**</td><td>**P**</td><td>**C**</td><td>**Slot Assigned**</td><td>**Venue**</td><td>**Instructor**</td></tr>
<tr><td>1</td><td></td><td>Program Elective-VII/ Minor Project</td><td>2</td><td>1</td><td>0</td><td>6</td><td colspan="3" align="center">Please see the list of electives</td></tr>
<tr><td>2</td><td></td><td>Institute Elective – II</td><td>3</td><td>0</td><td>0</td><td>6</td><td colspan="3" align="center">Please see the list of electives</td></tr>
</table>

| S.No | C. Code | Course Name | L | T | P | C | Slot Assigned | Venue | Instructor |
|------|---------|-------------|---|---|---|---|---------------|-------|------------|
| 3 | | Institute Elective – III | 3 | 0 | 0 | 6 | | | Please see the list of electives |
| 4 | | HSS Elective | 0 | 0 | 3 | 3 | | | Please see the list of electives |
| 5 | | Chemistry Laboratory- IV | 0 | 0 | 3 | 3 | M | | Prof. Kundan Kumar Singh Sagar |
| | | **Total Credits** | | | | **27** | | | |

| BS-MS - Major in Mathematics | | | | | | | | | |
|------|---------|-------------|---|---|---|---|---------------|-------|------------|
| **S.No** | **C. Code** | **Course Name** | **L** | **T** | **P** | **C** | **Slot Assigned** | **Venue** | **Instructor** |
| 1 | | Numerical Analysis | 2 | 1 | 0 | 6 | B | | Prof. Amlan K Barua |
| 2 | | Program Elective-IV | 2 | 1 | 0 | 6 | | | |
| 3 | | Program Elective-V | | | | 3 | | | Please see the list of electives |
| 4 | | Institute Elective - I | 2 | 1 | 0 | 6 | | | |
| 5 | | HSS Elective - II | | | | 6 | | | |
| | | **Total Credits** | | | | **27** | | | |

| BS-MS - Major in Physics | | | | | | | | | |
|------|---------|-------------|---|---|---|---|---------------|-------|------------|
| **S.No** | **C. Code** | **Course Name** | **L** | **T** | **P** | **C** | **Slot Assigned** | **Venue** | **Instructor** |
| 1 | | Seminar - I | 0 | 0 | 3 | 3 | | | Please see the list of electives |
| 2 | | Institute Elective - 3 | 2 | 1 | 0 | 6 | | | Please see the list of electives |
| 3 | | Institute Elective - 4 | 2 | 1 | 0 | 6 | | | Please see the list of electives |
| 4 | | Institute Elective - 5/ Minor Project -II | | | | 6 | | | Please see the list of electives |
| 5 | | Program Elective -III | 2 | 1 | 0 | 6 | | | Please see the list of electives |
| | | ALO | | | | | | | |
| | | **Total Credits** | | | | **27** | | | |

## All the courses (Electives and Core courses)

| S.No. | C. Code | Course | L | T | P | C | Faculty | Slot Assigned | Venue | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BB101T | Introduction to Modern Biology (S1) | 3 | 0 | 0 | 6 | Prof. Bal Krishna Chaube | A | 101 | |
| 2 | BB101T | Introduction to Modern Biology (S1) | 3 | 0 | 0 | 6 | Prof. Swananda Vishvas Marathe | A | 101 | |
| 3 | BB202L | Biology Lab II | 0 | 0 | 6 | 6 | Prof. Subhash Mehto | L | - | |
| 4 | BB301P | ALO-UG Research Laboratory Exposure | 0 | 0 | 2 | 2 | Prof. Swananda Vishvas Marathe | As per Instructor | - | |
| 5 | BB301P | ALO-UG Research Laboratory Exposure | 0 | 0 | 2 | 2 | Prof. Surya Pratap Singh | As per Instructor | - | |
| 6 | BB401C | Python and R Programming (S1) | 2 | 0 | 2 | 6 | Prof. Bal Krishna Chaubey | H+J3 | LG10 | |
| 7 | BB401C | Python and R Programming (S1) | 2 | 0 | 2 | 6 | Prof. Naveen MB | H+J3 | LG10 | |
| 8 | BB401L | Biology Lab IV | 3 | 0 | 0 | 3 | Prof. Sudhanshu Kumar Shukla | M | - | |
| 9 | BB401T | Basics of Cell Biology and Genetics | 3 | 0 | 0 | 6 | Prof. Surya Pratap Singh | E | 003 | |
| 10 | BB405T | Molecular Biology | 2 | 1 | 0 | 6 | Prof. Subhash Mehto | B | 301 | |
| 11 | BB407T | Anatomy and Human Physiology | 3 | 0 | 0 | 6 | Prof. Badri Nath Dubey | C | 304 | |
| 12 | BB501T | Biostatistics (1st Half) | 3 | 0 | 0 | 3 | Prof. Sudhanshu Kumar Shukla | D | LG03 | |
| 13 | BB502T | Genomics and proteomics (2nd Half) | 3 | 0 | 0 | 3 | Prof. Sudhanshu Kumar Shukla | D | LG03 | |
| 14 | BB602T | Immunology | 2 | 1 | 0 | 6 | Prof. Bal Krishna Chaube | B | 304 | |
| 15 | BB701S | Seminar | 0 | 0 | 4 | 4 | Prof. Swananda Vishvas Marathe | As per Instructor | - | |
| 16 | BB703T | Molecular and Cellular Neuroscience | 3 | 0 | 0 | 3 | Prof. Swananda Vishvas Marathe | F | 301 | |
| 17 | BB802T | Biomedical Spectroscopy and Imaging | 3 | 0 | 0 | 6 | Prof. Surya Pratap Singh | I | LG06 | PG only |
| 18 | CE201C | Building and Construction Materials | 1 | 1 | 2 | 6 | Prof. Ramesh Nayaka | A + L | LG10 | |
| 19 | CE201T | Hydraulic Engineering (S1) | 2 | 1 | 0 | 6 | Prof. Somil Yadav | F | LG05 | |
| 20 | CE201T | Hydraulic Engineering (S1) | 2 | 1 | 0 | 6 | Prof. Venkappayya R. Desai | F | LG05 | |
| 21 | CE202C | Building Planning and Drawing | 2 | 0 | 2 | 6 | Prof. Giridhar Rajesh Bande | E + M | LG06 | |
| 22 | CE302L | Transportation Engineering Laboratory | 0 | 0 | 3 | 3 | Prof. Aniket Vasantrao Kataware | H1, I1, J1 | - | |
| 23 | CE302T | Design of Concrete Structures | 2 | 1 | 0 | 6 | Prof. Chinthapalli Hemanth Kumar | A | LG05 | |
| 24 | CE303L | Geotechnical Engineering Laboratory | 0 | 0 | 3 | 3 | Prof. Amarnath Hegde | H2, I2, J2 | - | |
| 25 | CE303T | Geotechnical Engineering | 2 | 1 | 0 | 6 | Prof. Amarnath Hegde | F | LG06 | |
| 26 | CE304L | Environmental Engineering Laboratory | 0 | 0 | 3 | 3 | Prof. K V Jayakumar | M | - | |
| 27 | CE304T | Transportation Engineering | 2 | 1 | 0 | 6 | Prof. Aniket Vasantrao Kataware | C | 301 | |
| 28 | CE305L | Civil Engineering Software Laboratory (S1) | 0 | 0 | 3 | 3 | Prof. Chinthapalli Hemanth Kumar | L | - | |
| 29 | CE305L | Civil Engineering Software Laboratory (S1) | 0 | 0 | 3 | 3 | Prof. Giridhar Rajesh Bande | L | - | |
| 30 | CE305T | Environmental Engineering | 2 | 1 | 0 | 6 | Prof. K V Jayakumar | E | LG03 | |
| 31 | CE309T | Construction Engineering and Management | 2 | 1 | 0 | 6 | Prof. Somil Yadav | A | LG06 | |
| 32 | CE401C | Civil and Infrastructure Engineering Design | 1 | 0 | 1 | 3 | Prof. Sanatkumar P Rajamane Jain | B | 307 | |
| 33 | CE801C | 3D Concrete Printing Technology | 2 | 0 | 2 | 6 | Prof. Ramesh Nayaka | As per Instructor | - | PG only |
| 34 | CE801T | Pavement Engineering | 2 | 1 | 0 | 6 | Prof. Aniket Vasantrao Kataware | As per Instructor | - | PG only |
| 35 | CE802T | Geosynthetic Engineering | 2 | 1 | 0 | 6 | Prof. Giridhar Rajesh Bande | As per Instructor | - | PG only |
| 36 | CE803C | Advanced Soil Mechanics | 2 | 1 | 0 | 6 | Prof. Amarnath Hegde | As per Instructor | - | PG only |
| 37 | CE804T | Advanced Concrete Structures | 2 | 1 | 0 | 6 | Prof. Chinthapalli Hemanth Kumar | As per Instructor | - | PG only |
| 38 | CH101T | Fundamental Concepts & Applications of Chemistry (S1) | 3 | 0 | 0 | 6 | Prof. Sudhir Kumar Sahoo | D | 006 | |
| 39 | CH101T | Fundamental Concepts & Applications of Chemistry (S2) | 3 | 0 | 0 | 6 | Prof. Kundan Kumar Singh Sagar | D | 003 | |

# All the courses (Electives and Core courses)

| S.No. | C. Code | Course | L | T | P | C | Faculty | Slot Assigned | Venue | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 40 | CH101T | Fundamental Concepts & Applications of Chemistry (S2) | 3 | 0 | 0 | 6 | Prof. Mahesh Gudem | D | 003 | |
| 41 | CH101T | Fundamental Concepts & Applications of Chemistry (S1) | 3 | 0 | 0 | 6 | Prof. Nilkamal Mahanta | D | 006 | |
| 42 | CH101T | Fundamental Concepts & Applications of Chemistry (S2) | 3 | 0 | 0 | 6 | Prof. Rajeswara Rao Malakalapalli | D | 003 | |
| 43 | CH202T | Inorganic Chemistry (1st Half) | 3 | 0 | 0 | 3 | Prof. Rajeswara Rao Malakalapalli | F | LG03 | |
| 44 | CH204T | Physical Organic and Bioorganic Chemistry (2nd Half) | 3 | 0 | 0 | 3 | Prof. Nilkamal Mahanta | F | LG03 | |
| 45 | CH303T | Introduction to computational chemistry (1st Half) | 3 | 0 | 0 | 3 | Prof. Sudhir Kumar Sahoo | E | LG08 | |
| 46 | CH305T | Electrochemistry (2nd Half) | 3 | 0 | 0 | 3 | Prof. Sudhir Kumar Sahoo | E | LG08 | |
| 47 | CH306T | Coordination and organometallic chemistry | 3 | 0 | 0 | 6 | Prof. Rajeswara Rao Malakalapalli | I | LG05 | |
| 48 | CH401L | Chemistry laboratory-II | 0 | 0 | 3 | 3 | Prof. Mahesh Gudem | L | - | |
| 49 | CH413T | Symmetry and Group Theory | 3 | 0 | 0 | 6 | Prof. B L Tembe | B | 310 | |
| 50 | CH414T | Transition Metals and Coordination Chemistry | 3 | 0 | 0 | 6 | Prof. Kundan Kumar Singh Sagar | F | 304 | |
| 51 | CH415T | Concepts and Mechanisms in Organic Chemistry | 3 | 0 | 0 | 6 | Prof. Supriya Rej (Prof. Nilkamal) | J | 001 | |
| 52 | CH416T | Main Group Chemistry | 3 | 0 | 0 | 6 | Prof. Rajeswara Rao Malakalapalli | A | LG08 | |
| 53 | CH416T | Main Group Chemistry | 3 | 0 | 0 | 6 | Prof. Supriya Rej (Prof. Nilkamal) | A | LG08 | |
| 54 | CH501L | Chemistry Laboratory- IV | 0 | 0 | 3 | 3 | Prof. Kundan Kumar Singh Sagar | M | - | |
| 55 | CH502T | Concepts in organic synthesis | 3 | 0 | 0 | 6 | Prof. Nilkamal Mahanta | J | 008 | |
| 56 | CH503T | Molecular spectroscopy | 3 | 0 | 0 | 6 | Prof. Mahesh Gudem | H | LG03 | |
| 57 | CH603T | Coordination Chemistry, Organometallics and Organometallic Reagents | 3 | 0 | 0 | 6 | Prof. Kundan Kumar Singh Sagar | As per Instructor | - | |
| 58 | CH603T | Coordination Chemistry, Organometallics and Organometallic Reagents | 3 | 0 | 0 | 6 | Prof. Rajeswara Rao Malakalapalli | As per Instructor | - | |
| 59 | CH704T | Seminar | 2 | 0 | 0 | 4 | Prof. Kundan Kumar Singh Sagar | As per Instructor | - | |
| 60 | CH704T | Seminar | 2 | 0 | 0 | 4 | Prof. Nilkamal Mahanta | As per Instructor | - | |
| 61 | CH802T | Organic Reactions and Mechanisms | 3 | 0 | 0 | 6 | Prof. Nilkamal Mahanta | As per Instructor | - | |
| 62 | CL203T | Introduction to chemical engineering thermodynamics | 3 | 0 | 0 | 6 | Prof. Ravi Chandra Dutta | G | 008 | |
| 63 | CL204T | Fluid Mechanics and Mechanical Operations | 2 | 1 | 0 | 6 | Prof. Sontti Somasekhara Goud | C | LG03 | |
| 64 | CL205T | Heat Transfer for Chemical Engineers | 3 | 0 | 0 | 6 | Prof. Ashok Kumar Ummireddi | B | LG03 | |
| 65 | CL301L | Chemical Engineering lab -II (Heat Transfer & Solid mechanics) | 0 | 0 | 3 | 3 | Prof. Suvamay Jana | H2, I2, J2 | - | |
| 66 | CL302L | Chemical Engineering Lab III (mass transfer and reaction engineering) | 0 | 0 | 3 | 3 | Prof. Suvamay Jana | L | - | |
| 67 | CL302T | Process Equipment Design and Economics | 3 | 0 | 0 | 6 | Prof. Shashwata Ghosh | C | LG06 | |
| 68 | CL303T | Colloid and Interfacial Engg | 2 | 1 | 0 | 6 | Prof. Ravi Chandra Dutta | H | LG05 | |
| 69 | CL304T | Application of Mass Transfer | 3 | 0 | 0 | 6 | Prof. Varaha Jayarama Krishna Jonnalagedda | D | LG06 | |
| 70 | CL405T | Bioprocess Engineering | 3 | 0 | 0 | 6 | Prof. V Venkatesh (Visiting Faculty) | J | LG03 | |
| 71 | CS101C | Computer Programming | 3 | 0 | 3 | 9 | Prof. Achyut Mani Tripathi | B + E1, F1/E2, F2 | 003 | |

# All the courses (Electives and Core courses)

| S.No. | C. Code | Course | L | T | P | C | Faculty | Slot Assigned | Venue | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 72 | CS101C | Computer Programming | 3 | 0 | 3 | 9 | Prof. Nikhil Devaratha Hegde | B + E1, F1/E2, F2 | 006 | |
| 73 | CS201C | Software Systems Lab | 1 | 3 | 0 | 8 | Prof. Koteswararao Kondepu | H3, I3, J3, K3 | - | |
| 74 | CS202L | Databases and information systems laboratory | 0 | 0 | 3 | 3 | Prof. Siba Narayan Swain | M | - | |
| 75 | CS202T | Discrete structures | 3 | 0 | 0 | 6 | Prof. Vijeth Jinachandra Kotagi | C | 010 | |
| 76 | CS203T | Design and analysis of algorithms | 3 | 0 | 0 | 6 | Prof. Konjengbam Anand | D | 008 | |
| 77 | CS205T | Databases and information systems | 3 | 0 | 0 | 6 | Prof. Siba Narayan Swain | B | 103 | |
| 78 | CS301P | Research and Development Project | 0 | 0 | 6 | 6 | Prof. Ramchandra Phawade | As per Instructor | - | |
| 79 | CS302L | Operating systems lab | 0 | 0 | 3 | 3 | Prof. Rajshekar K. | L | - | |
| 80 | CS302P | Research and Development Project II | 0 | 0 | 6 | 6 | Prof. Ramchandra Phawade | As per Instructor | - | |
| 81 | CS303T | Operating systems | 3 | 0 | 0 | 6 | Prof. Rajshekar K. | A | 103 | |
| 82 | CS401P | B. Tech. Project-CSE | 0 | 0 | 6 | 6 | Prof. Ramchandra Phawade | As per Instructor | - | PG only |
| 83 | CS403T | Graph Theory and Combinatorics | 3 | 0 | 0 | 6 | Prof. Sagnik Sen | G | 001 | |
| 84 | CS407T | Mathematics for Data Science (S1) | 3 | 0 | 0 | 6 | Prof. Vandana Bharti | F | 006 | |
| 85 | CS407T | Mathematics for Data Science (S1) | 3 | 0 | 0 | 6 | Prof. Dileep A D | F | 006 | |
| 86 | CS501L | Statistical Pattern Recognition Laboratory | 0 | 0 | 3 | 3 | Prof. Dileep A D | ABC1 | - | |
| 87 | CS503T | Statistical Pattern Recognition | 3 | 0 | 0 | 6 | Prof. Dileep A D | K | 003 | |
| 88 | CS601S | Seminar | 0 | 0 | 4 | 4 | Prof. Ramchandra Phawade | As per Instructor | - | PG Only |
| 89 | CS601T | Deep Learning | 3 | 0 | 0 | 6 | Prof. Vandana Bharati | H | 101 | |
| 90 | CS602L | Advanced Data Structures and Algorithms Lab | 0 | 0 | 3 | 3 | Prof. Sandeep R. B. | ABC2 | - | UG 4th year onwards |
| 91 | CS603L | Scalable Data Mining Lab | 0 | 0 | 3 | 3 | Prof. Kedar Vithal Khandeparkar | L | - | |
| 92 | CS605C | Advanced Software Systems Lab | 0 | 1 | 6 | 8 | Prof. Gayathri Ananthanarayanan | M + B3 | 003 | PG only |
| 93 | CS616T | Advanced data structures and algorithms | 3 | 0 | 0 | 6 | Prof. Sandeep R. B. | G | 010 | UG 4th year onwards |
| 94 | CS617T | Combinatorics and Probability | 3 | 0 | 0 | 6 | Prof. Ramchandra Phawade | D | LG10 | PG only |
| 95 | CS619T | Scalable Data Mining | 3 | 0 | 0 | 6 | Prof. Kedar Vithal Khandeparkar | I | LG08 | |
| 96 | CS621T | Cryptography and Network Security | 2 | 1 | 0 | 6 | Prof. Tamal Das | J | LG05 | |
| 97 | EE101O | Formal Communications (S1) | 1 | 0 | 0 | 2 | Prof. Satish Naik Banavath | D1 | 301 | 3RD FLOOR |
| 98 | EE101O | Formal Communications (S2) | 1 | 0 | 0 | 2 | Prof. Satish Naik Banavath | D1 | 304 | 3RD FLOOR |
| 99 | EE101O | Formal Communications (S3) | 1 | 0 | 0 | 2 | Prof. Satish Naik Banavath | D1 | 307 | 3RD FLOOR |
| 100 | EE101O | Formal Communications (S4) | 1 | 0 | 0 | 2 | Prof. Satish Naik Banavath | D1 | 310 | 3RD FLOOR |
| 101 | EE101O | Formal Communications (S5) | 1 | 0 | 0 | 2 | Prof. Satish Naik Banavath | D1 | 313 | 3RD FLOOR |
| 102 | EE101T | Introduction to Electrical Systems and Electronics (S1) | 3 | 0 | 0 | 6 | Prof. Amarkumar Ayodhyasingh Kushwaha | A | 006 | |
| 103 | EE101T | Introduction to Electrical Systems and Electronics (S2) | 3 | 0 | 0 | 6 | Prof. Nagaveni S | A | 003 | |
| 104 | EE201L | Devices and Circuits Lab | 0 | 0 | 3 | 3 | Prof. Vigneshwara Raja P. | L | - | |
| 105 | EE201T | Introduction to Analog Circuits (1st Half) | 3 | 0 | 0 | 3 | Prof. Naveen Kadayinti | E | 010 | |
| 106 | EE202L | Electrical Mechines and Power Electronics Lab (S1) | 0 | 0 | 3 | 3 | Prof. Animesh Kumar Sahoo | M | - | |
| 107 | EE202L | Electrical Mechines and Power Electronics Lab (S1) | 0 | 0 | 3 | 3 | Prof. Sairam Boggavarapu | M | - | |
| 108 | EE204T | Signals and Systems | 2 | 1 | 0 | 6 | Prof. Ameer Kalandar Mulla | C | 008 | |

# All the courses (Electives and Core courses)

| S.No. | C. Code | Course | L | T | P | C | Faculty | Slot Assigned | Venue | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 109 | EE205T | Introduction to Probability (1st Half) (S2) | 3 | 0 | 0 | 3 | Prof. B. N. Bharath | A | 010 | |
| 110 | EE205T | Introduction to Probability (1st Half) (S1) | 3 | 0 | 0 | 3 | Prof. Gopal Krishna Kamath M. | A | 008 | |
| 111 | EE207T | Data Analysis (2nd Half) (S1) | 3 | 0 | 0 | 3 | Prof. Gopal Krishna Kamath M. | A | 008 | |
| 112 | EE207T | Data Analysis (2nd Half) (S2) | 3 | 0 | 0 | 3 | Prof. Naveen M B | A | 10 | |
| 113 | EE301C | Digital Communication and Coding Theory | 2 | 0 | 2 | 6 | Prof. Rajshekhar V Bhat | H + J3 | LG06 | |
| 114 | EE301P | Research and Development Project | 0 | 0 | 6 | 6 | Prof. Naveen MB | As per Instructor | - | |
| 115 | EE301T | Microprocessors and Microcontrollers | 3 | 0 | 0 | 6 | Prof. Samba Raju Chiluveru | E | 001 | |
| 116 | EE302L | Microprocessors and Microcontrollers Lab | 0 | 0 | 3 | 3 | Prof. Samba Raju Chiluveru | C3, D3, A3 | - | |
| 117 | EE302P | Research and Development Project II | 0 | 0 | 6 | 6 | Prof. Naveen MB | As per Instructor | - | |
| 118 | EE304L | Digital Signal Processing Lab (2nd Half) | 0 | 0 | 4 | 2 | Prof. Shashaank Aswatha Mattur | L | - | |
| 119 | EE305T | Digital Signal Processing (1st Half) | 3 | 0 | 0 | 3 | Prof. Naveen M B | B | 001 | |
| 120 | EE401P | B. Tech. Project EE | 0 | 0 | 6 | 6 | Prof. Naveen MB | As per Instructor | - | |
| 121 | EE601S | M. Tech. Seminar | 0 | 0 | 4 | 4 | Prof. Naveen MB | As per Instructor | - | PG Only |
| 122 | EE602L | Pattern Recognition and Machine Learning (PRML) Laboratory | 0 | 0 | 3 | 3 | Prof. Rahul Jashvantbhai Pandya | M | - | |
| 123 | EE603L | Embedded systems Lab | 0 | 0 | 3 | 3 | Prof. Abhijit Kshirsagar | L | - | |
| 124 | EE603L | Embedded systems Lab | 0 | 0 | 3 | 3 | Prof. Amarkumar Ayodhyasingh Kushwaha | L | - | |
| 125 | EE603T | Analog IC Design | 3 | 0 | 0 | 6 | Prof. Naveen Kadayinti | B | LG05 | |
| 126 | EE604L | VLSI Simulations Lab | 0 | 0 | 3 | 3 | Prof. Saroj Mondal | M | - | |
| 127 | EE604L | VLSI Simulations Lab | 0 | 0 | 3 | 3 | Prof. Vigneshwara Raja P. | M | - | |
| 128 | EE604T | Pattern Recognition and Machine Learning | 3 | 0 | 0 | 6 | Prof. Rahul Jashvantbhai Pandya | I | 107 | |
| 129 | EE605T | Power System Dynamics and Control | 2 | 1 | 0 | 6 | Prof. Pratyasa Bhui | F | LG08 | |
| 130 | EE607T | VLSI Design | 3 | 0 | 0 | 6 | Prof. Saroj Mondal | I | LG10 | |
| 131 | EE609T | Multivariable Control Systems | 3 | 0 | 0 | 6 | Prof. Ameer Kalandar Mulla | A | LG03 | |
| 132 | EE612T | Design of Power Converters | 2 | 0 | 2 | 6 | Prof. Satish Naik Banavath | H + J3 | LG08 | |
| 133 | EE614T | Probability Models and Applications | 3 | 0 | 0 | 6 | Prof. B. N. Bharath | K | 006 | |
| 134 | EE618T | Linear Algebra and its Applications | 3 | 0 | 0 | 6 | Prof. Shashaank Aswatha Mattur | D | LG08 | |
| 135 | EE621T | Nanoelectronics | 3 | 0 | 0 | 6 | Prof. Ruma Ghosh | H | 103 | PG Only |
| 136 | EE624T | Physics of Transistors | 3 | 0 | 0 | 6 | Prof. Ruma Ghosh | F | LG10 | |
| 137 | EE625T | Semiconductor Radiation Detectors | 3 | 0 | 0 | 6 | Prof. Vigneshwara Raja P. | J | 010 | |
| 138 | EE627T | Embedded Systems Design | 3 | 0 | 0 | 6 | Prof. Abhijit Kshirsagar | E | 103 | |
| 139 | EE629T | Power Quality Analysis | 3 | 0 | 0 | 6 | Prof. Animesh Kumar Sahoo | I | 001 | |
| 140 | EE701P | M. Tech. Project I | | | | | Prof. Naveen MB | As per Instructor | - | PG Only |
| 141 | EE801S | Seminar | 0 | 0 | 4 | 4 | Prof. Naveen MB | As per Instructor | - | PG Only |
| 142 | HS101T | Design Thinking and Creativity (S1) | 1 | 0 | 0 | PP/NP | Prof. Pradeep Yammiyavar | F1/F2 | 106 | |
| 143 | HS201T | Economics (S2) | 3 | 0 | 0 | 6 | Prof. Debalina Chakravarty | B | 010 | |
| 144 | HS201T | Economics (S1) | 3 | 0 | 0 | 6 | Prof. Mohana Rao Balaga | B | 008 | |
| 145 | HS409T | Philosophy | 3 | 0 | 0 | 6 | Prof. Jolly Thomas | G | 101 | |
| 146 | HS410T | Modernism and the 'Hero' | 3 | 0 | 0 | 6 | Prof. Ridhima Tewari | G | 103 | |
| 147 | HS424T | Introduction to Indian Knowledge System - I | 3 | 0 | 0 | 6 | Prof. B L Tembe | G | 107 | |
| 148 | HS426T | Introduction to Indian Knowledge System - II | 3 | 0 | 0 | 6 | Prof. Prahlad S Joshi | G | 109 | |
| 149 | HS428T | Introduction to Music-I | 3 | 0 | 0 | 6 | Prof. Abhijit Kshirsagar | G | 111 | |
| 150 | HS428T | Introduction to Music-I | 3 | 0 | 0 | 6 | Prof. Swananda Vishvas Marathe | G | 111 | |

# All the courses (Electives and Core courses)

| S.No. | C. Code | Course | L | T | P | C | Faculty | Slot Assigned | Venue | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 151 | HS429T | Introduction to Industrial Organization | 3 | 0 | 0 | 6 | Prof. Gopal Sharan Parashari | G | 006 | |
| 152 | HS601T | Communication Skills | 1 | 0 | 0 | PP/NP | Prof. Ridhima Tewari | S2, P2 | 003 | PG Only |
| 153 | HS607T | Research Methodology in Humanities and Social Sciences | 4 | 0 | 0 | 8 | Prof. Jolly Thomas | As per Instructor | - | PG Only |
| 154 | HS801S | Seminar | 0 | 0 | 4 | 4 | Prof.Ridhima Tewari | As per Instructor | - | |
| 155 | HS802S | Seminar II | 0 | 0 | 4 | 4 | Prof. Mohana Rao Balaga | As per Instructor | - | |
| 156 | MA102L | Mathematics Laboratory | 0 | 0 | 3 | 3 | Prof. Sagnik Sen | L | - | |
| 157 | MA106T | Complex Analysis (1st Half) | 3 | 1 | 0 | 4 | Prof. Amlan K Barua | F + I3 | 010 | |
| 158 | MA108T | Calculus | 3 | 1.5 | 0 | 9 | Prof. Shraddha Srivastava | G + I3, J3 | 106 | |
| 159 | MA201T | Differential Equations II (2nd Half) | 3 | 1 | 0 | 4 | Prof. Dhriti Ranjan Dolai | F + I3 | 010 | |
| 160 | MA304T | Rings and Modules | 2 | 1 | 0 | 6 | Prof. Sury (Visiting Faculty) | F | 310 | |
| 161 | MA401T | Introduction to Probability Theory | 3 | 1 | 0 | 8 | Prof. Ravindran (Visitng Faculty) | G + I3 | LG03 | |
| 162 | MA404T | Introduction to Mathematical Finance I | 3 | 0 | 0 | 6 | Prof. Ravindran (Visitng Faculty) | E | LG05 | |
| 163 | MA405T | Introduction to Complex Analysis | 2 | 1 | 0 | 6 | Prof. Shreedevi Masuti | C | LG08 | |
| 164 | MA406T | General Topology | 2 | 1 | 0 | 6 | Prof. Dhriti Ranjan Dolai | B | LG06 | |
| 165 | MA407T | Stochastic Models | 3 | 0 | 0 | 6 | Prof. Neelesh (Visiting Faculty) | D | LG05 | |
| 166 | MA412T | Numerical Analysis | 2 | 1 | 0 | 6 | Prof. Amlan K Barua | B | LG10 | |
| 167 | ME 401P | B.Tech. Project-ME | | | | | Prof. Omkar Baswaraj Bembalge | As per Instructor | - | |
| 168 | ME 701P | M.Tech. Project - I | | | | | Prof. Somashekara M. A. | As per Instructor | - | |
| 169 | ME101L | Hands on Engineering Lab | 0 | 0 | 3 | 3 | Prof. Anbukkarasi R | H1, I1, J1/H2,I2,J2/L/M | - | |
| 170 | ME101L | Hands on Engineering Lab | 0 | 0 | 3 | 3 | Prof. Nikhil Devaratha Hegde | H1, I1, J1/H2,I2,J2/L/M | - | |
| 171 | ME101L | Hands on Engineering Lab | 0 | 0 | 3 | 3 | Prof. Omkar Baswaraj Bembalge | H1, I1, J1/H2,I2,J2/L/M | - | |
| 172 | ME101L | Hands on Engineering Lab | 0 | 0 | 3 | 3 | Prof. Pratyasa Bhui | H1, I1, J1/H2,I2,J2/L/M | - | |
| 173 | ME101L | Hands on Engineering Lab | 0 | 0 | 3 | 3 | Prof. Somashekara M. A. | H1, I1, J1/H2,I2,J2/L/M | - | |
| 174 | ME101L | Hands on Engineering Lab | 0 | 0 | 3 | 3 | Prof. Vyom Sharma | H1, I1, J1/H2,I2,J2/L/M | - | |
| 175 | ME101P | Formal and Technical Communications | 0 | 0 | 2 | 2 | Prof. Keerthi M. C. | H3, K3 | - | |
| 176 | ME101P | Formal and Technical Communications | 0 | 0 | 2 | 2 | Prof. Meenatchidevi Murugesan | H3, K3 | - | |
| 177 | ME101P | Formal and Technical Communications | 0 | 0 | 2 | 2 | Prof. Omkar Baswaraj Bembalge | H3, K3 | - | |
| 178 | ME101P | Formal and Technical Communications | 0 | 0 | 2 | 2 | Prof. Sudheer Siddapureddy | H3, K3 | - | |
| 179 | ME101P | Formal and Technical Communications | 0 | 0 | 2 | 2 | Prof. Vyom Sharma | H3, K3 | - | |
| 180 | ME101T | Linear Algebra: Theory and Numerics | 2 | 1 | 0 | 6 | Prof. Sangamesh Deepak R | C | LG10 | |
| 181 | ME102C | Introduction to Mechanical Engineering | 2 | 0 | 2 | 6 | Prof. Dhiraj V Patil | G + I3, J3 | 003 | |
| 182 | ME102C | Introduction to Mechanical Engineering | 2 | 0 | 2 | 6 | Prof. Punnag Chatterjee | G + I3, J3 | 003 | |
| 183 | ME102C | Introduction to Mechanical Engineering | 2 | 0 | 2 | 6 | Prof. Somashekara M. A. | G + I3, J3 | 003 | |
| 184 | ME201L | Manufacturing processes and Metrology Laboratory | 0 | 0 | 3 | 3 | Prof. Rakesh Lingam | M | - | |
| 185 | ME201P | Machine Drawing and 3D Modelling Laboratory | 0 | 0 | 3 | 3 | Prof. Samarth Shankar Raut | H1, I1, J1 | - | |
| 186 | ME201T | Engineering Mechanics | 2 | 1 | 0 | 6 | Prof. Satyapriya Gupta | A | 001 | |
| 187 | ME203L | Mechanical Measurements Laboratory (S1) | 0 | 0 | 3 | 3 | Prof. Meenatchidevi Murugesan | L/M | - | |
| 188 | ME203L | Mechanical Measurements Laboratory (S1) | 0 | 0 | 3 | 3 | Prof. Sudheer Siddapureddy | L/M | - | |
| 189 | ME203T | Fluid Mechanics | 3 | 0 | 0 | 6 | Prof. Ramjee Repaka | C | 001 | |
| 190 | ME204L | Solid Mechanics Laboratory | 0 | 0 | 3 | 3 | Prof. Vyom Sharma | E2, F2 | - | |
| 191 | ME204T | Manufacturing Processes - I | 3 | 0 | 0 | 6 | Prof. Sushanta Kumar Sethi | G | LG10 | |

## All the courses (Electives and Core courses)

| S.No. | C. Code | Course | L | T | P | C | Faculty | Slot Assigned | Venue | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 192 | ME205L | Heat Transfer Laboratory (S1) | 0 | 0 | 3 | 3 | Prof. Keerthi M. C. | L/M | - | |
| 193 | ME205L | Heat Transfer Laboratory (S2) | 0 | 0 | 3 | 3 | Prof. Surya Prakash Ramesh | L/M | - | |
| 194 | ME205T | Mechanics of Materials | 2 | 1 | 0 | 6 | Prof. Amar Keshav Gaonkar | D | 001 | |
| 195 | ME206T | Thermodynamics | 2 | 1 | 0 | 6 | Prof. Keerthi M. C. | E | 101 | |
| 196 | ME211T | Manufacturing Processes - II | 2 | 1 | 0 | 6 | Prof. Anbukkarasi R | D | 101 | |
| 197 | ME301T | Applied Thermodynamics | 3 | 0 | 0 | 6 | Prof. Dhiraj V Patil | B | LG08 | |
| 198 | ME306T | Design of Machine Elements | 3 | 0 | 0 | 6 | Prof. Samarth Shankar Raut | C | LG05 | |
| 199 | ME404T | IC Engines | 3 | 0 | 0 | 6 | Prof. Surya Prakash Ramesh | B | 107 | |
| 200 | ME418T | Rocket Propulsion | 3 | 0 | 0 | 6 | Prof. Meenatchidevi Murugesan | I | 101 | |
| 201 | ME418T | Rocket Propulsion | 3 | 0 | 0 | 6 | Prof. Prahlad S Joshi | I | 101 | |
| 202 | ME601T | Finite Element Analysis | 3 | 0 | 0 | 6 | Prof. Amar Keshav Gaonkar | I | 103 | |
| 203 | ME602T | Introduction to Computational Fluid Dynamics | 3 | 0 | 0 | 6 | Prof. Hiranya Deka | G | LG06 | |
| 204 | ME603T | Impact Mechanics and Modelling | 3 | 0 | 0 | 6 | Prof. Amar Keshav Gaonkar | E | 107 | |
| 205 | ME603T | Impact Mechanics and Modelling | 3 | 0 | 0 | 6 | Prof. Tejas Prakash Gotkhindi | E | 107 | |
| 206 | ME610T | Advanced Solid Mechanics | 3 | 0 | 0 | 6 | Prof. Sangamesh Deepak R. | G | LG08 | |
| 207 | ME649T | Fluid Dynamics | 3 | 0 | 0 | 6 | Prof. Sudheer Siddapureddy | I | 111 | |
| 208 | ME651T | Advanced Thermodynamics | 3 | 0 | 0 | 6 | Prof. Meenatchidevi Murugesan | B | 109 | |
| 209 | ME652T | Fundamentals of Casting and Welding | 3 | 0 | 0 | 6 | Prof. Omkar Baswaraj Bembalge | C | 101 | |
| 210 | ME653T | Physical and Mechanical Metallurgy | 3 | 0 | 0 | 6 | Prof. Satyapriya Gupta | I | 109 | |
| 211 | ME654T | CNC and Additive Manufacturing | 3 | 0 | 0 | 6 | Prof. Rakesh Lingam | G | LG05 | |
| 212 | ME659T | Dynamics and Control | 3 | 0 | 0 | 6 | Prof. Punnag Chatterjee | A | 109 | |
| 213 | ME664T | Product Design and Manufacturing | 3 | 0 | 0 | 6 | Prof. Somashekara M. A. | B | 101 | |
| 214 | ME702S | Seminar | 0 | 0 | 4 | 4 | Prof. Somashekara M. A. | As per Instructor | - | |
| 215 | ME702T | Engineering Mathematics for Advanced Studies | 3 | 0 | 0 | 6 | Prof. Tejas Prakash Gotkhindi | K | 008 | PG Only |
| 216 | ME704T | Research Methodology | 1 | 0 | 0 | 2 | Prof. Hiranya Deka | D | 103 | PG Only |
| 217 | ME704T | Research Methodology | 1 | 0 | 0 | 2 | Prof. Keerthi M. C. | D | 103 | PG Only |
| 218 | ME704T | Research Methodology | 1 | 0 | 0 | 2 | Prof. Meenatchidevi Murugesan | D | 103 | PG Only |
| 219 | ME704T | Research Methodology | 1 | 0 | 0 | 2 | Prof. Sudheer Siddapureddy | D | 103 | PG Only |
| 220 | ME705T | Introduction to Programming and Modeling Laboratory | 0 | 3 | 0 | 6 | Prof. Sushanta Kumar Sethi | E1, F1 | 109 | PG Only |
| 221 | PH101L | Hands on Science Laboratory – I | 0 | 0 | 3 | 3 | Prof. Santosh Kumar | H1, I1, J1/H2,I2,J2/L/M | - | |
| 222 | PH101L | Hands on Science Laboratory – I | 0 | 0 | 3 | 3 | Prof. Sudhir Kumar Sahoo | H1, I1, J1/H2,I2,J2/L/M | - | |
| 223 | PH101L | Hands on Science Laboratory – I | 0 | 0 | 3 | 3 | Prof. Swananda Vishvas Marathe | H1, I1, J1/H2,I2,J2/L/M | - | |
| 224 | PH101T | Quantum Physics and Applications (S2) | 2 | 1 | 0 | 6 | Prof. D Narasimha | C | 003 | |
| 225 | PH101T | Quantum Physics and Applications (S1) | 2 | 1 | 0 | 6 | Prof. S. M. Shivaprasad | C | 006 | |
| 226 | PH102T | Electricity and Magnetism | 2 | 1 | 0 | 6 | Prof. Sairam Boggavarapu | D | 010 | |
| 227 | PH201L | Introductory Physics Laboratory | 0 | 0 | 3 | 3 | Prof. Koushik Saha | L | - | |
| 228 | PH201T | Waves, Oscillations & Optics | 2 | 1 | 0 | 6 | Prof. Santosh Kumar | A | 107 | |
| 229 | PH301P | Research and Development Project-I | 0 | 0 | 0 | 6 | Prof. Dhriti Sundar Ghosh | As per Instructor | - | |
| 230 | PH301T | Electrodynamics | 2 | 1 | 0 | 6 | Prof. Kavita Devi | C | 103 | |
| 231 | PH302P | Minor Project-I | 0 | 0 | 0 | 6 | Prof. Kavita Devi | As per Instructor | - | |
| 232 | PH302T | Classical Mechanics | 2 | 1 | 0 | 6 | Prof. Koushik Saha | D | 107 | |

## All the courses (Electives and Core courses)

| S.No. | C. Code | Course | L | T | P | C | Faculty | Slot Assigned | Venue | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| 233 | PH303T | Quantum Mechanics-I | 2 | 1 | 0 | 6 | Prof. R. Prabhu | J(Exam will be conducted in F slot) | 006 | |
| 234 | PH401L | Advanced Physics Laboratory | 0 | 0 | 3 | 3 | Prof. Kavita Devi | M | - | |
| 235 | PH401P | B.Tech.Project -EP I | 0 | 0 | 0 | 6 | Prof. Kavita Devi | As per Instructor | - | |
| 236 | PH401S | Seminar-I | 0 | 0 | 3 | 3 | Prof. Kavita Devi | As per Instructor | - | |
| 237 | PH402L | Electronics Laboratory | 0 | 0 | 3 | 3 | Prof. Dhriti Sundar Ghosh | M | - | |
| 238 | PH402P | B.Tech.Project -EP II | 0 | 0 | 0 | 6 | Prof. Koushik Saha | As per Instructor | - | |
| 239 | PH402S | Seminar-II | 0 | 0 | 4 | 4 | Prof. Koushik Saha | As per Instructor | - | |
| 240 | PH403P | Research and Development Project-II | 0 | 0 | 0 | 6 | Prof. Santosh Kumar | As per Instructor | - | |
| 241 | PH404T | Astrophysics | 2 | 1 | 0 | 6 | Prof. D Narasimha | H | 107 | |
| 242 | PH405T | Introduction to Quantum Information and Computation | 2 | 1 | 0 | 6 | Prof. R. Prabhu | F | 307 | |
| 243 | PH420T | Electronics | 3 | 0 | 0 | 6 | Prof. Dhriti Sundar Ghosh | A | 111 | |
| 244 | PH601P | Research project in Physics | 2 | 1 | 0 | 6 | Prof. Santosh Kumar | As per Instructor | - | |
| 245 | PH601S | Research seminar II | 0 | 0 | 4 | 4 | Prof. Santosh Kumar | As per Instructor | - | PG only |
| 246 | PH601T | Theory of Laboratory Techniques | 2 | 1 | 0 | 6 | Prof. Santosh Kumar | As per Instructor | - | PG only |
| 247 | PH701T | Photonics: Fundamentals and Technology | 2 | 1 | 0 | 6 | Prof. Kavita Devi | As per Instructor | - | PG only |
| 248 | PH702T | Advanced Atomic and Molecular Physics | 4 | 0 | 0 | 8 | Prof. Koushik Saha | As per Instructor | - | PG only |
| 249 | PH703T | Spectroscopy | 2 | 1 | 0 | 6 | Prof. Koushik Saha | As per Instructor | - | PG only |
| 250 | PH704T | Remote Sensing | 2 | 1 | 0 | 6 | Prof. Koushik Saha | As per Instructor | - | PG only |
| 251 | PH802T | Quantum Optics | 4 | 0 | 0 | 8 | Prof. R. Prabhu | As per Instructor | - | PG only |
| 252 | PH803T | Tunable Coherent Optical Devices | 2 | 1 | 0 | 6 | Prof. Kavita Devi | As per Instructor | - | PG only |
| 253 | | CCA (NSO/NSS/NCA/NCC) | 0 | 0 | 2 | 2 | Mr. Ramesh G Mr. Keerthi Kumar Prof. Pradeep Yammiyavar Mr. Ravi Galimath | As per Instructor | - | |