

## GENERAL SLOT PATTERN

| Day       | 8:30 – 9:20 | 9:30 – 10:20             | 10:30 – 11:20 | 11:30 – 12:20 | Lunch break | 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            |             | 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 | Lunch break | 14:00 – 15:15 | 15:20 – 16:35 | 16:40 – 17:55 | 18:15 – 19:45            |
|----------|-------------|--------------|---------------|-------------|---------------|---------------|---------------|--------------------------|
| Tuesday  | E1          | F1           | G1            |             | 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 + I3,J3                  | 106             | Prof. Shraddha Srivastava                                                                                                                           |  |
| 2                                    | PH101T  | Quantum Physics and Applications                 | 2 | 1   | 0 | 6     | C                          | 006(S1)/003(S2) | Prof. S. M. Shivaprasad/<br>Prof. D Narasimha                                                                                                       |  |
| 3                                    | PH101L  | Hands on Science Laboratory – I                  | 0 | 0   | 3 | 3     | H1, I1, J1/<br>H2,I2,J2/ L | --              | Prof. Santosh Kumar/<br>Prof. Sudhir Kumar Sahoo/<br>Prof. Swananda Vishvas Marathe                                                                 |  |
| 4                                    | CS101C  | Computer Programming (S1)                        | 3 | 0   | 3 | 9     | B + E1,F1/E2,F2            | 003(S1)/006(S2) | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde                                                                                         |  |
| 5                                    | HS101T  | Design Thinking and Creativity                   | 1 | 0   | 0 | PP/NP | F1/F2                      | 006             | Prof. Pradeep Yammiyavar                                                                                                                            |  |
| 6                                    | CH101T  | Fundamental Concepts & Applications of Chemistry | 3 | 0   | 0 | 6     | D                          | 106             | Prof. Kundan Kumar Singh Sagar/<br>Prof. Mahesh Gudem/<br>Prof. Nilkamal Mahanta/<br>Prof. Rajeswara Rao Malakalapalli/<br>Prof. Sudhir Kumar Sahoo |  |
| 7                                    | BB101T  | Introduction to Modern Biology                   | 3 | 0   | 0 | 6     | A                          | 101             | Prof. Bal Krishna Chaube/<br>Prof. Swananda Vishvas Marathe                                                                                         |  |
| 8                                    |         | NSO/NSS/NCC/NCA                                  | 0 | 0   | 2 | 2     | Cocurricular<br>Activities | --              | Mr. Ramesh G<br>Mr. Keerthi Kumar<br>Prof. Pradeep Yammiyavar<br>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                          | 106             | Prof. Kundan Kumar Singh Sagar/<br>Prof. Mahesh Gudem/<br>Prof. Nilkamal Mahanta/<br>Prof. Rajeswara Rao Malakalapalli/<br>Prof. Sudhir Kumar Sahoo |  |
| 2                                    | MA108T  | Calculus                                         | 3 | 1.5 | 0 | 9     | G + I3,J3                  | 106             | Prof. Shraddha Srivastava                                                                                                                           |  |
| 3                                    | ME201T  | Engineering Mechanics                            | 2 | 1   | 0 | 6     | A                          | 001             | Prof. Satyapriya Gupta                                                                                                                              |  |
| 4                                    | PH101T  | Quantum Physics and Applications                 | 2 | 1   | 0 | 6     | C                          | 006(S1)/003(S2) | Prof. S. M. Shivaprasad/<br>Prof. D Narasimha                                                                                                       |  |
| 5                                    | CS101C  | Computer Programming                             | 3 | 0   | 3 | 9     | B + E1,F1/E2,F2            | 003(S1)/006(S2) | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde                                                                                         |  |
| 6                                    | HS101T  | Design Thinking and Creativity                   | 1 | 0   | 0 | PP/NP | F1/F2                      | 006             | Prof. Pradeep Yammiyavar                                                                                                                            |  |

|                                  |         |                                                    |   |     |   |       |                            |                 |                                                                                                                                                                  |
|----------------------------------|---------|----------------------------------------------------|---|-----|---|-------|----------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7                                |         | CCA (NSO/NSS/NCA/NCC)                              | 0 | 0   | 2 | 2     | Cocurricular Activities    | --              | 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 + I3,J3                  | 106             | Prof. Shraddha Srivastava                                                                                                                                        |
| 2                                | CH101T  | Fundamental Concepts &Applications of Chemistry    | 3 | 0   | 0 | 6     | D                          | 106             | 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                          | 006(S1)/003(S2) | Prof. Amarkumar Ayodhyasingh Kushwaha/Prof. Nagaveni S                                                                                                           |
| 4                                | CS101C  | Computer Programming                               | 3 | 0   | 3 | 9     | B + E1,F1/E2,F2            | 003(S1)/006(S2) | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde                                                                                                      |
| 5                                | HS101T  | Design thinking and Creativity - P/NP              | 1 | 0   | 0 | PP/NP | F1/F2                      | 006             | Prof. Pradeep Yammiyavar                                                                                                                                         |
| 6                                |         | CCA (NSO/NSS/NCA/NCC)                              | 0 | 0   | 2 | 2     | Cocurricular Activities    | --              | 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     | H1, I1, J1/<br>H2,I2,J2/ L | --              | 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 + I3,J3                  | 106             | Prof. Shraddha Srivastava                                                                                                                                        |
| 2                                | PH101T  | Quantum Physics and Applications                   | 2 | 1   | 0 | 6     | C                          | 006(S1)/003(S2) | Prof. S. M. Shivaprasad/<br>Prof. D Narasimha                                                                                                                    |
| 3                                | EE101T  | Introduction to Electrical Systems and Electronics | 3 | 0   | 0 | 6     | A                          | 006(S1)/003(S2) | Prof. Amarkumar Ayodhyasingh Kushwaha/Prof. Nagaveni S                                                                                                           |

|   |        |                                |   |   |   |       |                            |                                                 |                                                                                    |
|---|--------|--------------------------------|---|---|---|-------|----------------------------|-------------------------------------------------|------------------------------------------------------------------------------------|
| 4 | CS101C | Computer Programming           | 3 | 0 | 3 | 9     | B + E1,F1/E2,F2            | 003(S1)/006(S2)                                 | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde                        |
| 5 | HS101T | Design Thinking and Creativity | 1 | 0 | 0 | PP/NP | F1/F2                      | 006                                             | Prof. Pradeep Yammiyavar                                                           |
| 6 |        | NSO/NSS/NCC/NCA                | 0 | 0 | 2 | 2     | Cocurricular<br>Activities | --                                              | Mr. Ramesh G<br>Mr. Keerthi Kumar<br>Prof. Pradeep Yammiyavar<br>Mr. Ravi Galimath |
| 7 | EE101O | Formal Communications          | 1 | 0 | 0 | 2     | D1                         | 301(S1)/<br>304(S2)/307(S3)<br>/310(S4)/313(S5) | 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 + I3,J3                  | 106             | Prof. Shraddha Srivastava                                                                                                                           |
| 2    | PH101T  | Quantum Physics and Applications                   | 2 | 1   | 0 | 6     | C                          | 006(S1)/003(S2) | Prof. S. M. Shivaprasad/<br>Prof. D Narasimha                                                                                                       |
| 3    | CH101T  | Fundamental Concepts and Applications of Chemistry | 3 | 0   | 0 | 6     | D                          | 106             | 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                          | 006(S1)/003(S2) | Prof. Amarkumar Ayodhyasingh Kushwaha/Prof. Nagaveni S                                                                                              |
| 5    | PH101L  | Hands on Science Laboratory - I                    | 0 | 0   | 3 | 3     | H1, I1, J1/<br>H2,I2,J2/ L | --              | Prof. Santosh Kumar/<br>Prof. Sudhir Kumar Sahoo/<br>Prof. Swananda Vishvas Marathe                                                                 |
| 6    | CS101C  | Computer Programming                               | 3 | 0   | 3 | 9     | B + E1,F1/E2,F2            | 003(S1)/006(S2) | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde                                                                                         |
| 7    | HS101T  | Design Thinking and Creativity                     | 1 | 0   | 0 | PP/NP | F1/F2                      | 006             | Prof. Pradeep Yammiyavar                                                                                                                            |
| 8    |         | CCA (NSO/NSS/NCA/NCC)                              | 0 | 0   | 2 | 2     | Cocurricular<br>Activities | --              | 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 + I3,J3     | 106             | Prof. Shraddha Srivastava                     |
| 2    | PH101T  | Quantum Physics and Applications | 2 | 1   | 0 | 6 | C             | 006(S1)/003(S2) | Prof. S. M. Shivaprasad/<br>Prof. D Narasimha |

|   |        |                                                    |   |   |   |       |                            |                 |                                                                                                                                                                  |
|---|--------|----------------------------------------------------|---|---|---|-------|----------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3 | EE101T | Introduction to Electrical Systems and Electronics | 3 | 0 | 0 | 6     | A                          | 006(S1)/003(S2) | Prof. Amarkumar Ayodhyasingh Kushwaha/Prof. Nagaveni S                                                                                                           |
| 4 | ME101L | Hands on Engineering                               | 0 | 0 | 3 | 3     | H1, I1, J1/<br>H2,I2,J2/ L | --              | 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 |
| 5 | CS101C | Computer Programming                               | 3 | 0 | 3 | 9     | B + E1,F1/E2,F2            | 003(S1)/006(S2) | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde                                                                                                      |
| 6 | HS101T | Design Thinking and Creativity                     | 1 | 0 | 0 | PP/NP | F1/F2                      | 006             | Prof. Pradeep Yammiyavar                                                                                                                                         |
| 7 |        | CCA (NSO/NSS/NCA/NCC)                              | 0 | 0 | 2 | 2     | Cocurricular<br>Activities | --              | Mr. Ramesh G<br>Mr. Keerthi Kumar<br>Prof. Pradeep Yammiyavar<br>Mr. Ravi Galimath                                                                               |

**First Semester Total Credits**

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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                          | LG10            | Prof. Sangamesh Deepak R                                                                                                                                         |
| 2    | ME201T  | Engineering Mechanics                  | 2 | 1 | 0 | 6     | A                          | 001             | Prof. Satyapriya Gupta                                                                                                                                           |
| 3    | ME102C  | Introduction to Mechanical Engineering | 2 | 0 | 2 | 6     | G + IJ3                    | 010             | Prof. Dhiraj V Patil/<br>Prof. Punnag Chatterjee/<br>Prof. Somashekara M. A.                                                                                     |
| 4    | ME101P  | Formal and Technical Communications    | 0 | 0 | 2 | 2     | H3,K3                      | 010             | Prof. Keerthi M. C./<br>Prof. Omkar Baswaraj Bembalge/<br>Prof. Vyom Sharma                                                                                      |
| 5    | ME101L  | Hands on Engineering                   | 0 | 0 | 3 | 3     | H1, I1, J1/<br>H2,I2,J2/ L | --              | 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 |
| 6    | CS101C  | Computer Programming                   | 3 | 0 | 3 | 9     | B + E1,F1/E2,F2            | 003(S1)/006(S2) | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde                                                                                                      |
| 7    | HS101T  | Design Thinking and Creativity         | 1 | 0 | 0 | PP/NP | F1/F2                      | 006             | Prof. Pradeep Yammiyavar                                                                                                                                         |
| 8    |         | CCA (NSO/NSS/NCA/NCC)                  | 0 | 0 | 2 | 2     | Cocurricular<br>Activities | --              | Mr. Ramesh G<br>Mr. Keerthi Kumar<br>Prof. Pradeep Yammiyavar<br>Mr. Ravi Galimath                                                                               |

**First Semester Total Credits**

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41

BSMS

| S.No                         | C. Code | Course                                              | L | T   | P | C     | Slot Assigned              | Venue               | Instructor                                                                                                                                          |
|------------------------------|---------|-----------------------------------------------------|---|-----|---|-------|----------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| 1                            | MA108T  | Calculus                                            | 3 | 1.5 | 0 | 9     | G + I3,J3                  | 106                 | Prof. Shraddha Srivastava                                                                                                                           |
| 2                            | PH101T  | Quantum Physics and Applications                    | 2 | 1   | 0 | 6     | C                          | 006(S1)/003(S2)     | Prof. S. M. Shivaprasad/<br>Prof. D Narasimha                                                                                                       |
| 3                            | CH101T  | Fundamental Concepts and Applications of Chemistry  | 3 | 0   | 0 | 6     | D                          | 106                 | Prof. Kundan Kumar Singh Sagar/<br>Prof. Mahesh Gudem/<br>Prof. Nilkamal Mahanta/<br>Prof. Rajeswara Rao Malakalapalli/<br>Prof. Sudhir Kumar Sahoo |
| 4                            | BB101T  | Introduction to Modern biology                      | 3 | 0   | 0 | 6     | A                          | 101                 | Prof. Bal Krishna Chaube/<br>Prof. Swananda Vishvas Marathe                                                                                         |
| 5                            | PH101L  | Hands on Science Laboratory - I                     | 0 | 0   | 3 | 3     | H1, I1, J1/<br>H2,I2,J2/ L | --                  | Prof. Santosh Kumar/<br>Prof. Sudhir Kumar Sahoo/<br>Prof. Swananda Vishvas Marathe                                                                 |
| 6                            | CS101C  | Computer Programming                                | 3 | 0   | 3 | 9     | B + E1,F1/E2,F2            | 003(S1)/006(S2)     | Prof. Achyut Mani Tripathi/<br>Prof. Nikhil Devaratha Hegde                                                                                         |
| 7                            | HS101T  | Design Thinking and Creativity                      | 1 | 0   | 0 | PP/NP | F1/F2                      | 006                 | Prof. Pradeep Yammiyavar                                                                                                                            |
| 8                            |         | NSO/NSS/NCC/NCA                                     | 0 | 0   | 2 | 2     | Cocurricular<br>Activities | --                  | Mr. Ramesh G<br>Mr. Keerthi Kumar<br>Prof. Pradeep Yammiyavar<br>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                          | LG03                | Prof. Ashok Kumar Ummireddi                                                                                                                         |
| 2                            | CL203T  | Introduction to chemical engineering thermodynamics | 3 | 0   | 0 | 6     | G                          | 008                 | Prof. Ravi Chandra Dutta                                                                                                                            |
| 3                            | CL204T  | Fluid Mechanics and Mechanical Operations           | 2 | 1   | 0 | 6     | C                          | LG03                | Prof. Sontti Somasekhara Goud                                                                                                                       |
| 4                            | ME205T  | Mechanics of Materials                              | 2 | 1   | 0 | 6     | D                          | 001                 | Prof. Amar Keshav Gaonkar                                                                                                                           |
| 5                            | EE205T  | Introduction to Probability (1st Half)              | 3 | 0   | 0 | 3     | A                          | 008(S1)/<br>010(S2) | Prof. Gopal Krishna Kamath M./Prof. B. N. Bharath<br>"                                                                                              |
| 6                            | EE207T  | Data Analysis (2nd Half)                            | 3 | 0   | 0 | 3     | A                          | 008(S1)/<br>010(S2) | Prof. Gopal Krishna Kamath M./Prof. Naveen M B                                                                                                      |
| 7                            | BB401T  | Basics of Cell Biology and Genetics                 | 3 | 0   | 0 | 6     | E                          | 003                 | 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                          | 001                 | Prof. Ramjee Repaka                                                                                                                                 |
| 2                            | ME205T  | Mechanics of Materials                              | 2 | 1   | 0 | 6     | D                          | 001                 | Prof. Amar Keshav Gaonkar                                                                                                                           |

|                    |                |                                            |          |          |          |           |                      |                       |                                                     |
|--------------------|----------------|--------------------------------------------|----------|----------|----------|-----------|----------------------|-----------------------|-----------------------------------------------------|
| 3                  | CE201C         | Building and Construction Materials        | 1        | 1        | 2        | 6         | A + L                | LG10                  | Prof. Ramesh Nayaka                                 |
| 4                  | HS201T         | Economics                                  | 3        | 0        | 0        | 6         | B                    | 008(S1)/<br>010(S2)   | Prof. Mohana Rao Balaga/Prof. Debalina Chakravarty  |
| 5                  | CE201T         | Hydraulics Engineering                     | 2        | 1        | 0        | 6         | F                    | LG05                  | Prof. Venkappayya R. Desai/                         |
| 6                  | CE202C         | Building Planning and Drawing              | 2        | 0        | 2        | 6         | E + M                | LG06                  | Prof. Giridhar Rajesh Bande                         |
|                    |                | <b>Total Credits</b>                       |          |          |          | <b>36</b> |                      |                       |                                                     |
| <b>CSE</b>         |                |                                            |          |          |          |           |                      |                       |                                                     |
| <b>S.No</b>        | <b>C. Code</b> | <b>Course name</b>                         | <b>L</b> | <b>T</b> | <b>P</b> | <b>C</b>  | <b>Slot Assigned</b> | <b>Venue</b>          | <b>Instructor</b>                                   |
| 1                  | CS203T         | Design and analysis of algorithms          | 3        | 0        | 0        | 6         | D                    | 008                   | Prof. Konjengbam Anand                              |
| 2                  | CS202T         | Discrete structures                        | 3        | 0        | 0        | 6         | C                    | 010                   | Prof. Vijeth Jinachandra Kotagi                     |
| 3                  | EE205T         | Introduction to Probability (1st Half)     | 3        | 0        | 0        | 3         | A                    | 008(S1)/<br>010(S2)   | Prof. Gopal Krishna Kamath M./Prof. B. N. Bharath " |
| 4                  | EE207T         | Data Analysis (2nd Half)                   | 3        | 0        | 0        | 3         | A                    | 008(S1)/<br>010(S2)   | Prof. Gopal Krishna Kamath M./Prof. Naveen M B      |
| 5                  | HS201T         | Economics                                  | 3        | 0        | 0        | 6         | B                    | 008(S1)/<br>010(S2)   | Prof. Mohana Rao Balaga/Prof. Debalina Chakravarty  |
| 6                  | CS201C         | Software Systems Lab                       | 1        | 3        | 0        | 8         | H3,I3,J3,K3          | 003 (I3,J3)           | Prof. Koteswararao Kondepu                          |
|                    |                | <b>Total Credits</b>                       |          |          |          | <b>32</b> |                      |                       |                                                     |
| <b>ECE and EEE</b> |                |                                            |          |          |          |           |                      |                       |                                                     |
| <b>S.No</b>        | <b>C. Code</b> | <b>Course Name</b>                         | <b>L</b> | <b>T</b> | <b>P</b> | <b>C</b>  | <b>Slot Assigned</b> | <b>Venue</b>          | <b>Instructor</b>                                   |
| 1                  | EE205T         | Introduction to Probability (1st Half)     | 3        | 0        | 0        | 3         | A                    | 008(S1)/<br>010(S2)   | Prof. Gopal Krishna Kamath M./Prof. B. N. Bharath " |
| 2                  | EE207T         | Data Analysis (2nd Half)                   | 3        | 0        | 0        | 3         | A                    | 008(S1)/<br>010(S2)   | Prof. Gopal Krishna Kamath M./Prof. Naveen M B      |
| 3                  | EE201T         | Introduction to Analog Circuits (1st Half) | 3        | 0        | 0        | 3         | E                    | 010                   | Prof. Naveen Kadayinti                              |
| 4                  | EE204T         | Signals and Systems                        | 2        | 1        | 0        | 6         | C                    | 008                   | Prof. Ameer Kalandar Mulla                          |
| 5                  | PH102T         | Electricity and Magnetism                  | 2        | 1        | 0        | 6         | D                    | 010                   | 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               | 010                   | Prof. Amlan K Barua                                 |
| 8                  | MA201T         | Differential Equations II (2nd Half)       | 3        | 1        | 0        | 4         | F + I3               | 010                   | Prof. Dhriti Ranjan Dolai                           |
| 9                  | HS201T         | Economics                                  | 3        | 0        | 0        | 6         | B                    | "008(S1)/<br>010(S2)" | Prof. Mohana Rao Balaga/Prof. Debalina Chakravarty  |
|                    |                | <b>Total Credits</b>                       |          |          |          | <b>38</b> |                      |                       |                                                     |
| <b>EP</b>          |                |                                            |          |          |          |           |                      |                       |                                                     |
| <b>Sl. No.</b>     | <b>C. Code</b> | <b>Course Name</b>                         | <b>L</b> | <b>T</b> | <b>P</b> | <b>C</b>  | <b>Slot Assigned</b> | <b>Venue</b>          | <b>Instructor</b>                                   |

| 1                 | PH302T        | Classical Mechanics                              | 2 | 1 | 0 | 6  | D                                    | 107             | Prof. Koushik Saha                                  |
|-------------------|---------------|--------------------------------------------------|---|---|---|----|--------------------------------------|-----------------|-----------------------------------------------------|
| 2                 | PH303T        | Quantum Mechanics-I                              | 2 | 1 | 0 | 6  | J (Exam will be conducted in F slot) | 006             | Prof. R. Prabhu                                     |
| 3                 | HS201T        | Economics                                        | 3 | 0 | 0 | 6  | B                                    | 008(S1)/010(S2) | Prof. Mohana Rao Balaga/Prof. Debalina Chakravarty  |
| 4                 | ME206T        | Thermodynamics                                   | 2 | 1 | 0 | 6  | E                                    | 101             | Prof. Keerthi M. C.                                 |
| 5                 | EE204T        | Signals and Systems                              | 2 | 1 | 0 | 6  | C                                    | 008             | Prof. Ameer Kalandar Mulla                          |
| 6                 | EE205T        | Introduction to Probability (1st Half)           | 3 | 0 | 0 | 3  | A                                    | 008(S1)/010(S2) | Prof. Gopal Krishna Kamath M./Prof. B. N. Bharath " |
| 7                 | EE207T        | Data Analysis (2nd Half)                         | 3 | 0 | 0 | 3  | A                                    | 008(S1)/010(S2) | 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                                    | 008             | Prof. Konjengbam Anand                              |
| 2                 | CS202T        | Discrete structures                              | 3 | 0 | 0 | 6  | C                                    | 010             | Prof. Vijeth Jinachandra Kotagi                     |
| 3                 | EE205T        | Introduction to Probability (1st Half) (S2)      | 3 | 0 | 0 | 3  | A                                    | 008(S1)/010(S2) | Prof. B. N. Bharath                                 |
| 4                 | EE207T        | Data Analysis (2nd Half)                         | 3 | 0 | 0 | 3  | A                                    | 008(S1)/010(S2) | Prof. Gopal Krishna Kamath M./Prof. Naveen M B      |
| 5                 | HS201T        | Economics                                        | 3 | 0 | 0 | 6  | B                                    | 008(S1)/010(S2) | Prof. Mohana Rao Balaga/Prof. Debalina Chakravarty  |
| 6                 | CS201C        | Software Systems Lab                             | 1 | 3 | 0 | 8  | H3,I3,J3,K3                          | 003 (I3,J3)     | Prof. Koteswararao Kondepu                          |
| 7                 | CS403T        | Graph Theory and Combinatorics                   | 3 | 0 | 0 | 6  | G                                    | 001             | 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                                    | 101             | Prof. Keerthi M. C.                                 |
| 2                 | ME203T        | Fluid Mechanics                                  | 3 | 0 | 0 | 6  | C                                    | 001             | Prof. Ramjee Repaka                                 |
| 3                 | ME205T        | Mechanics of Materials                           | 2 | 1 | 0 | 6  | D                                    | 001             | Prof. Amar Keshav Gaonkar                           |
| 4                 | ME204T        | Manufacturing Processes - I                      | 3 | 0 | 0 | 6  | G                                    | LG10            | Prof. Sushanta Kumar Sethi                          |
| 5                 | ME201P        | Machine Drawing and 3D Modelling Laboratory      | 0 | 0 | 3 | 3  | H1,I1,J1                             |                 | Prof. Samarth Shankar Raut                          |
| 6                 | EE205T        | Introduction to Probability (1st Half)           | 3 | 0 | 0 | 3  | A                                    | 008(S1)/010(S2) | 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             | 008(S1)/<br>010(S2) | 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             | 008(S1)/<br>010(S2) | Prof. Mohana Rao Balaga/Prof. Debalina Chakravarty |
| 2             | BB401T  | Basics of Cell Biology and Genetics                  | 3 | 0 | 0 | 6  | E             | 003                 | Prof. Surya Pratap Singh                           |
| 3             | CH204T  | Physical Organic and Bioorganic Chemistry (2nd Half) | 3 | 0 | 0 | 3  | F             | LG03                | Prof. Nilkamal Mahanta                             |
| 4             | CH202T  | Inorganic Chemistry (1st Half)                       | 3 | 0 | 0 | 3  | F             | LG03                | Prof. Rajeswara Rao Malakalapalli                  |
| 5             | MA401T  | Introduction to Probability Theory                   | 3 | 1 | 0 | 8  | G + I3        | LG03                | Prof. Ravindran (Visitng Faculty)                  |
| 6             | PH201T  | Waves, Oscillations & Optics                         | 2 | 1 | 0 | 6  | A             | 107                 | Prof. Santosh Kumar                                |
| 7             | MA102L  | Mathematics Laboratory                               | 0 | 0 | 3 | 3  | L             | LG05                | Prof. Sagnik Sen                                   |
|               |         | Total Credits                                        |   |   |   | 35 |               |                     |                                                    |

| 5th Semester (2023 Batch) |         |                                                                       |   |   |   |    |                                  |                     |                                                        |
|---------------------------|---------|-----------------------------------------------------------------------|---|---|---|----|----------------------------------|---------------------|--------------------------------------------------------|
| 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                                | 309                 | Prof. Shashwata Ghosh                                  |
| 2                         | HS201T  | Economics                                                             | 3 | 0 | 0 | 6  | B                                | 008(S1)/<br>010(S2) | Prof. Debalina Chakravarty/<br>Prof. Mohana Rao Balaga |
| 3                         | CH305T  | Electrochemistry (2nd Half)                                           | 3 | 0 | 0 | 3  | E                                | LG08                | Prof. Sudhir Kumar Sahoo                               |
| 4                         | CH303T  | Introduction to computational chemistry (1st Half)                    | 3 | 0 | 0 | 3  | E                                | LG08                | Prof. Sudhir Kumar Sahoo                               |
| 5                         | CL301L  | Chemical Engineering lab -II (Heat Transfer & Solid mechanics)        | 0 | 0 | 3 | 3  | H2,I2,J2                         | --                  | 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                                | LG06                | 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                                | LG05                | Prof. Chinthapalli Hemanth Kumar                       |
| 2                         | CE303T  | Geotechnical Engineering                                              | 2 | 1 | 0 | 6  | F                                | LG06                | Prof. Amarnath Hegde                                   |
| 3                         | CE304T  | Transportation Engineering                                            | 2 | 1 | 0 | 6  | C                                | 302                 | Prof. Aniket Vasantrao Kataware                        |
| 4                         | CE302L  | Transportation Engineering Laboratory                                 | 0 | 0 | 3 | 3  | H1,I1,J1                         | --                  | Prof. Aniket Vasantrao Kataware                        |
| 5                         | CE303L  | Geotechnical Engineering Laboratory                                   | 0 | 0 | 3 | 3  | H2,I2,J2                         | --                  | Prof. Amarnath Hegde                                   |

| 6                    | CE305T  | Environmental Engineering                     | 2 | 1 | 0 | 6         | E                                        | LG03                | 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/<br>Prof. Chinthapalli Hemanth Kumar |
| <b>Total Credits</b> |         |                                               |   |   |   | <b>36</b> |                                          |                     |                                                                  |
| <b>CSE</b>           |         |                                               |   |   |   |           |                                          |                     |                                                                  |
| S.No                 | C. Code | Course Name                                   | L | T | P | C         | Slot Assigned                            | Venue               | Instructor                                                       |
| 1                    | CS303T  | Operating systems                             | 3 | 0 | 0 | 6         | A                                        | 103                 | Prof. Rajshekar K.                                               |
| 2                    | CS205T  | Databases and information systems             | 3 | 0 | 0 | 6         | B                                        | 103                 | 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                                         |
| <b>Total credits</b> |         |                                               |   |   |   | <b>36</b> |                                          |                     |                                                                  |
| <b>EE</b>            |         |                                               |   |   |   |           |                                          |                     |                                                                  |
| S.No                 | C. Code | Course Name                                   | L | T | P | C         | Slot Assigned                            | Venue               | Instructor                                                       |
| 1                    | EE301T  | Microprocessors and Microcontrollers          | 3 | 0 | 0 | 6         | E                                        | 001                 | Prof. Samba Raju Chiluveru                                       |
| 2                    | EE305T  | Digital Signal Processing (1st Half)          | 3 | 0 | 0 | 3         | B                                        | 001                 | 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         | C3,D3,A3                                 | --                  | Prof. Samba Raju Chiluveru                                       |
| 5                    | EE202L  | Electrical Mechines and Power Electronics Lab | 0 | 0 | 3 | 3         | M                                        | --                  | Prof. Animesh Kumar Sahoo +<br>Prof. Sairam Boggavarapu          |
| 6                    |         | HSS Elective                                  | 3 | 0 | 0 | 6         |                                          |                     |                                                                  |
| 7                    |         | Electives                                     |   |   |   | 12        |                                          |                     |                                                                  |
| <b>Total Credits</b> |         |                                               |   |   |   | <b>35</b> |                                          |                     |                                                                  |
| <b>EP</b>            |         |                                               |   |   |   |           |                                          |                     |                                                                  |
| 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                                        | 008(S1)/<br>010(S2) | Prof. Gopal Krishna Kamath M./Prof. Naveen M B                   |
| 2                    | PH302T  | Classical Mechanics                           | 2 | 1 | 0 | 6         | D                                        | 107                 | Prof. Koushik Saha                                               |
| 3                    | PH303T  | Quantum Mechanics-I                           | 2 | 1 | 0 | 6         | J (Exam to be<br>conducted in F<br>slot) | 006                 | 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                                        | 001                 | 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                                        | 001                 | Prof. Ramjee Repaka                                              |
| <b>Total Credits</b> |         |                                               |   |   |   | <b>29</b> |                                          |                     |                                                                  |

| 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                                | LG05                | Prof. Neelesh (Visiting Faculty)                             |  |
| 2                          | MA404T  | Introduction to Mathematical Finance I    | 3 | 0 | 0 | 6  | E                                | 111                 | Prof. Ravindran (Visiting 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                                | 106                 | 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                                | 101                 | Prof. Anbukkarasi R                                          |  |
| 2                          | ME306T  | Design of Machine Elements                | 3 | 0 | 0 | 6  | C                                | LG05                | Prof. Samarth Shankar Raut                                   |  |
| 3                          | ME301T  | Applied Thermodynamics                    | 3 | 0 | 0 | 6  | B                                | 207                 | Prof. Dhiraj V Patil                                         |  |
| 4                          | ME205L  | Heat Transfer Laboratory                  | 0 | 0 | 3 | 3  | L/M                              | --                  | Prof. Keerthi M. C./<br>Prof. Surya Prakash Ramesh           |  |
| 5                          | ME204L  | Solid Mechanics Laboratory                | 0 | 0 | 3 | 3  | E2,F2                            | --                  | Prof. Vyom Sharma                                            |  |
| 6                          | ME203L  | Mechanical Measurements Laboratory        | 0 | 0 | 3 | 3  | L/M                              | --                  | Prof. Meenatchidevi Murugesan/<br>Prof. Sudheer Siddapureddy |  |
| 7                          | EE207T  | Data Analysis (2nd Half)                  | 3 | 0 | 0 | 3  | A                                | 008(S1)/<br>010(S2) | 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                                | 301                 | Prof. Subhash Mehto                                          |  |
| 2                          | BB502T  | Genomics and proteomics (2nd Half)        | 3 | 0 | 0 | 3  | D                                | LG03                | Prof. Sudhanshu Kumar Shukla                                 |  |
| 3                          | BB501T  | Biostatistics (1st Half)                  | 3 | 0 | 0 | 3  | D                                | LG03                | Prof. Sudhanshu Kumar Shukla                                 |  |
| 4                          | BB202L  | Biology Lab II                            | 0 | 0 | 3 | 3  | 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                                | LG05                | Prof. Rajeswara Rao Malakalapalli                            |  |
| 2                          | CH502T  | Concepts in organic synthesis             | 3 | 0 | 0 | 6  | J                                | 008                 | Prof. Nilkamal Mahanta                                       |  |
| 3                          | CH503T  | Molecular spectroscopy                    | 3 | 0 | 0 | 6  | H                                | LG03                | 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                                  | 310   | Prof. Sury (Visiting Faculty) |  |
| 2                            | MA405T  | Introduction to Complex Analysis           | 2 | 1 | 0 | 6  | C                                  | LG08  | Prof. Shreedevi Masuti        |  |
| 3                            | MA406T  | General Topology                           | 2 | 1 | 0 | 6  | B                                  | LG06  | Prof. Dhriti Ranjan Dolai     |  |
| 4                            | CS403T  | Graph Theory and Combinatorics             | 2 | 1 | 0 | 6  | G                                  | 001   | 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                                  | 103   | Prof. Kavita Devi             |  |
| 2                            | PH302T  | Classical Mechanics                        | 2 | 1 | 0 | 6  | D                                  | 107   | Prof. Koushik Saha            |  |
| 3                            | PH303T  | Quantum Mechanics-I                        | 2 | 1 | 0 | 6  | J (Exam to be conducted in F slot) | 006   | Prof. R. Prabhu               |  |
| 4                            | EE201T  | Introduction to Analog Circuits (1st Half) | 3 | 0 | 0 | 3  | E                                  | 010   | 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  | Please see the list of electives |       |                                  |  |
| 2                         |         | Institute Elective-I                        |   |   |   | 6  |                                  |       |                                  |  |
| 3                         |         | Institute Elective-II                       |   |   |   | 6  |                                  |       |                                  |  |
| 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                         | CE309T  | Construction Engineering and Management     | 2 | 1 | 0 | 6  | A                                | 316   | Prof. Somil Yadav                |  |
| 2                         | CE401C  | Civil and Infrastructure Engineering Design | 1 | 0 | 1 | 3  | C                                | 307   | Prof. Sanatkumar P Rajamane Jain |  |

|                   |         |                                    |   |   |   |    |                                  |       |            |
|-------------------|---------|------------------------------------|---|---|---|----|----------------------------------|-------|------------|
| 3                 |         | Institute Elective-V               | 2 | 1 | 0 | 6  | Please see the list of electives |       |            |
| 4                 |         | HSS Elective                       |   |   |   | 6  |                                  |       |            |
| 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  | Please see the list of electives |       |            |
| 2                 |         | Elective V                         |   |   |   | 6  |                                  |       |            |
| 3                 |         | Elective VI                        |   |   |   | 6  |                                  |       |            |
| 4                 |         | Elective VII / project             |   |   |   | 6  |                                  |       |            |
| Total credits     |         |                                    |   |   |   | 24 |                                  |       |            |
| CSE               |         |                                    |   |   |   |    |                                  |       |            |
| S.No              | C. Code | Course Name                        | L | T | P | C  | Slot Assigned                    | Venue | Instructor |
| 1                 |         | Elective IV                        |   |   |   | 6  | Please see the list of electives |       |            |
| 2                 |         | Elective V                         |   |   |   | 6  |                                  |       |            |
| 3                 |         | Elective VI / project              |   |   |   | 6  |                                  |       |            |
| Total credits     |         |                                    |   |   |   | 18 |                                  |       |            |
| EE                |         |                                    |   |   |   |    |                                  |       |            |
| S.No              | C. Code | Course Name                        | L | T | P | C  | Slot Assigned                    | Venue | Instructor |
| 1                 |         | Electives                          |   |   |   | 30 | Please see the list of electives |       |            |
| Total Credits     |         |                                    |   |   |   | 30 |                                  |       |            |
| EP                |         |                                    |   |   |   |    |                                  |       |            |
| Sl. No.           | C. Code | Course Name                        | L | T | P | C  | Slot Assigned                    | Venue | Instructor |
| 1                 |         | HSS Elective - II                  | 3 | 0 | 0 | 6  | Please see the list of electives |       |            |
| 2                 |         | Seminar – 2                        | 0 | 0 | 3 | 3  | NA                               |       |            |
| 3                 |         | Institute Elective – 2             | 2 | 1 | 0 | 6  | Please see the list of electives |       |            |
| 4                 |         | Institute Elective – 3/ BTP-I      | 2 | 1 | 0 | 6  |                                  |       |            |
| Total Credits     |         |                                    |   |   |   | 21 |                                  |       |            |
| Maths & Computing |         |                                    |   |   |   |    |                                  |       |            |
| S.No              |         | Course Name                        | L | T | P | C  | Slot Assigned                    | Venue | Instructor |
| 1                 |         | CSE Elective /Mathematics Elective |   |   |   | 6  | Please see the list of electives |       |            |
| 2                 |         | Institute Elective/BTP             |   |   |   | 6  | Please see the list of electives |       |            |
| 3                 |         | Institute Elective                 |   |   |   | 6  | Please see the list of electives |       |            |
| Total Credits     |         |                                    |   |   |   | 18 |                                  |       |            |
|                   |         |                                    |   |   |   |    |                                  |       |            |
| ME                |         |                                    |   |   |   |    |                                  |       |            |
| S.No              | C. Code | Course Name                        | L | T | P | C  | Slot Assigned                    | Venue | Instructor |
| 1                 |         | Elective Course                    | 3 | 0 | 0 | 6  | Please see the list of electives |       |            |

|                              |         |                                           |   |   |   |    |                                  |       |                                |  |
|------------------------------|---------|-------------------------------------------|---|---|---|----|----------------------------------|-------|--------------------------------|--|
| 2                            |         | Elective Course                           | 3 | 0 | 0 | 6  |                                  |       |                                |  |
| 3                            |         | Elective Course / BTP - I                 | 3 | 0 | 0 | 6  |                                  |       |                                |  |
| 4                            |         | R&D                                       | 3 | 0 | 0 | 6  |                                  |       |                                |  |
| Total Credits                |         |                                           |   |   |   | 18 |                                  |       |                                |  |
| BS-MS - Major in Biology     |         |                                           |   |   |   |    |                                  |       |                                |  |
| S. No                        |         | Course Name                               | L | T | P | C  | Slot Assigned                    | Venue | Instructor                     |  |
| 1                            |         | Immunology                                | 2 | 1 | 0 | 6  | B                                |       | Prof. Bal Krishna Chaube       |  |
| 2                            |         | Biology Lab IV                            | 3 | 0 | 0 | 3  | M                                |       | Prof. Sudhanshu Kumar Shukla   |  |
| 3                            |         | Program Electives                         |   |   |   | 6  | Please see the list of electives |       |                                |  |
| 4                            |         | Institute Elective – II                   | 3 | 0 | 0 | 6  |                                  |       |                                |  |
| 5                            |         | HSS Elective                              | 3 | 0 | 0 | 6  |                                  |       |                                |  |
|                              |         | Total Credits                             |   |   |   |    | 27                               |       |                                |  |
| BS-MS - Major in Chemistry   |         |                                           |   |   |   |    |                                  |       |                                |  |
| S. No                        | C. Code | Course Name                               | L | T | P | C  | Slot Assigned                    | Venue | Instructor                     |  |
| 1                            |         | Program Elective-VII/ Minor Project       | 2 | 1 | 0 | 6  | Please see the list of electives |       |                                |  |
| 2                            |         | Institute Elective – II                   | 3 | 0 | 0 | 6  | Please see the list of electives |       |                                |  |
| 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  | Please see the list of electives |       |                                |  |
| 3                            |         | Program Elective-V                        |   |   |   | 3  |                                  |       |                                |  |
| 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 |       |                                |  |
| 6                            | PH301P  | R&D                                       | 3 | 0 | 0 | 6  |                                  |       |                                |  |
|                              |         | 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              | 3 | 0 | 0 | 6 | Prof. Bal Krishna Chaube         | A                 | 101   |                               |
| 2     | BB101T  | Introduction to Modern Biology              | 3 | 0 | 0 | 6 | Prof. Swananda Vishvas Marathe   | A                 | 101   |                               |
| 3     | BB202L  | Biology Lab II                              | 0 | 0 | 3 | 3 | Prof. Subhash Mehto              | L                 | -     |                               |
| 4     | BB301P  | ALO-UG Research Laboratory Exposure         | 0 | 0 | 2 | 2 | Prof. Surya Pratap Singh         | As per Instructor | -     |                               |
| 5     | BB301P  | ALO-UG Research Laboratory Exposure         | 0 | 0 | 2 | 2 | Prof. Swananda Vishvas Marathe   | 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                 | 309   | No. of Students are Increased |
| 11    | BB407T  | Anatomy and Human Physiology                | 3 | 0 | 0 | 6 | Prof. Badri Nath Dubey           | C                 | 309   | No. of Students are Increased |
| 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  | B                 | 302   |                               |
| 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                 | 316   |                               |
| 32    | CE401C  | Civil and Infrastructure Engineering Design | 1 | 0 | 1 | 3 | Prof. Sanatkumar P Rajamane Jain | C                 | 307   |                               |
| 33    | CE401P  | BTP-I                                       | 0 | 0 | 6 | 6 | Prof. Giridhar Rajesh Bande      | As per Instructor | -     |                               |
| 34    | CE801C  | 3D Concrete Printing Technology             | 2 | 0 | 2 | 6 | Prof. Ramesh Nayaka              | As per Instructor | -     | PG only                       |
| 35    | CE801T  | Pavement Engineering                        | 2 | 1 | 0 | 6 | Prof. Aniket Vasantrao Kataware  | As per Instructor | -     | PG only                       |
| 36    | CE802T  | Geosynthetic Engineering                    | 2 | 1 | 0 | 6 | Prof. Giridhar Rajesh Bande      | As per Instructor | -     | PG only                       |
| 37    | CE803C  | Advanced Soil Mechanics                     | 2 | 1 | 0 | 6 | Prof. Amarnath Hegde             | As per Instructor | -     | PG only                       |
| 38    | CE804T  | Advanced Concrete Structures                | 2 | 1 | 0 | 6 | Prof. Chinthapalli Hemanth Kumar | As per Instructor | -     | PG only                       |
| 39    | CE801S  | Seminar                                     | 0 | 0 | 4 | 4 | Prof. Giridhar Rajesh Bande      | As per Instructor | -     | PG only                       |

### 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 (S1/S2)              | 3 | 0 | 0 | 6 | Prof. Kundan Kumar Singh Sagar     | D                 | 106   |         |
| 41    | CH101T  | Fundamental Concepts & Applications of Chemistry (S1/S2)              | 3 | 0 | 0 | 6 | Prof. Mahesh Gudem                 | D                 | 106   |         |
| 42    | CH101T  | Fundamental Concepts & Applications of Chemistry (S1/S2)              | 3 | 0 | 0 | 6 | Prof. Nilkamal Mahanta             | D                 | 106   |         |
| 43    | CH101T  | Fundamental Concepts & Applications of Chemistry (S1/S2)              | 3 | 0 | 0 | 6 | Prof. Rajeswara Rao Malakalapalli  | D                 | 106   |         |
| 44    | CH101T  | Fundamental Concepts & Applications of Chemistry (S1/S2)              | 3 | 0 | 0 | 6 | Prof. Sudhir Kumar Sahoo           | D                 | 106   |         |
| 45    | CH202T  | Inorganic Chemistry (1st Half)                                        | 3 | 0 | 0 | 3 | Prof. Rajeswara Rao Malakalapalli  | F                 | LG03  |         |
| 46    | CH204T  | Physical Organic and Bioorganic Chemistry (2nd Half)                  | 3 | 0 | 0 | 3 | Prof. Nilkamal Mahanta             | F                 | LG03  |         |
| 47    | CH301L  | Chemistry laboratory-I                                                | 0 | 0 | 3 | 3 | Prof. Rajeswara Rao Malakalapalli  | M                 |       |         |
| 48    | CH303T  | Introduction to computational chemistry (1st Half)                    | 3 | 0 | 0 | 3 | Prof. Sudhir Kumar Sahoo           | E                 | LG08  |         |
| 49    | CH305T  | Electrochemistry (2nd Half)                                           | 3 | 0 | 0 | 3 | Prof. Sudhir Kumar Sahoo           | E                 | LG08  |         |
| 50    | CH306T  | Coordination and organometallic chemistry                             | 3 | 0 | 0 | 6 | Prof. Rajeswara Rao Malakalapalli  | I                 | LG05  |         |
| 51    | CH401L  | Chemistry laboratory-II                                               | 0 | 0 | 3 | 3 | Prof. Kundan Kumar Singh Sagar     | L                 | -     |         |
| 52    | CH401P  | Minor Project                                                         |   |   |   | 6 | Prof. Sudhir K. Sahoo              | As per Instructor | -     |         |
| 53    | CH413T  | Symmetry and Group Theory                                             | 3 | 0 | 0 | 6 | Prof. B L Tembe                    | B                 | 310   |         |
| 54    | CH414T  | Transition Metals and Coordination Chemistry                          | 3 | 0 | 0 | 6 | Prof. Kundan Kumar Singh Sagar     | F                 | 304   |         |
| 55    | CH415T  | Concepts and Mechanisms in Organic Chemistry                          | 3 | 0 | 0 | 6 | Prof. Supriya Rej (Prof. Nilkamal) | J                 | 001   |         |
| 56    | CH416T  | Main Group Chemistry                                                  | 3 | 0 | 0 | 6 | Prof. Rajeswara Rao Malakalapalli  | A                 | LG08  |         |
| 57    | CH416T  | Main Group Chemistry                                                  | 3 | 0 | 0 | 6 | Prof. Supriya Rej (Prof. Nilkamal) | A                 | LG08  |         |
| 58    | CH501L  | Chemistry Laboratory- IV                                              | 0 | 0 | 3 | 3 | Prof. Kundan Kumar Singh Sagar     | M                 | -     |         |
| 59    | CH502T  | Concepts in organic synthesis                                         | 3 | 0 | 0 | 6 | Prof. Nilkamal Mahanta             | J                 | 008   |         |
| 60    | CH503T  | Molecular spectroscopy                                                | 3 | 0 | 0 | 6 | Prof. Mahesh Gudem                 | H                 | LG03  |         |
| 61    | CH603T  | Coordination Chemistry, Organometallics and Organometallic Reagents   | 3 | 0 | 0 | 6 | Prof. Kundan Kumar Singh Sagar     | As per Instructor | -     |         |
| 62    | CH603T  | Coordination Chemistry, Organometallics and Organometallic Reagents   | 3 | 0 | 0 | 6 | Prof. Rajeswara Rao Malakalapalli  | As per Instructor | -     |         |
| 63    | CH702T  | Advanced Computational Chemistry                                      | 3 | 0 | 0 | 6 | Prof. Sudhir Kumar Sahoo           | As per Instructor |       |         |
| 64    | CH704T  | Seminar                                                               | 2 | 0 | 0 | 4 | Prof. Kundan Kumar Singh Sagar     | As per Instructor | -     |         |
| 65    | CH704T  | Seminar                                                               | 2 | 0 | 0 | 4 | Prof. Nilkamal Mahanta             | As per Instructor | -     |         |
| 66    | CH802T  | Organic Reactions and Mechanisms                                      | 3 | 0 | 0 | 6 | Prof. Nilkamal Mahanta             | As per Instructor | -     |         |
| 67    | CL203T  | Introduction to chemical engineering thermodynamics                   | 3 | 0 | 0 | 6 | Prof. Ravi Chandra Dutta           | G                 | 008   |         |
| 68    | CL204T  | Fluid Mechanics and Mechanical Operations                             | 2 | 1 | 0 | 6 | Prof. Sontti Somasekhara Goud      | C                 | LG03  |         |
| 69    | CL205T  | Heat Transfer for Chemical Engineers                                  | 3 | 0 | 0 | 6 | Prof. Ashok Kumar Ummireddi        | B                 | LG03  |         |
| 70    | CL301L  | Chemical Engineering lab -II (Heat Transfer & Solid mechanics)        | 0 | 0 | 3 | 3 | Prof. Suvamay Jana                 | H2, I2, J2        | -     |         |
| 71    | CL302L  | Chemical Engineering Lab III (mass transfer and reaction engineering) | 0 | 0 | 3 | 3 | Prof. Suvamay Jana                 | L                 | -     |         |
| 72    | CL302T  | Process Equipment Design and Economics                                | 3 | 0 | 0 | 6 | Prof. Shashwata Ghosh              | A                 | 309   |         |
| 73    | CL303T  | Colloid and Interfacial Engg                                          | 2 | 1 | 0 | 6 | Prof. C Ravikumar                  | H1, H3            | 309   |         |

### All the courses (Electives and Core courses)

| S.No. | C. Code | Course                                                  | L | T | P  | C  | Faculty                                    | Slot Assigned     | Venue       | Remarks             |
|-------|---------|---------------------------------------------------------|---|---|----|----|--------------------------------------------|-------------------|-------------|---------------------|
| 74    | CL304T  | Application of Mass Transfer                            | 3 | 0 | 0  | 6  | Prof. Varaha Jayarama Krishna Jonnalagedda | D                 | LG06        |                     |
| 75    | CL405T  | Bioprocess Engineering                                  | 3 | 0 | 0  | 6  | Prof. V Venkatesh (Visiting Faculty)       | A                 | LG06        |                     |
| 76    | CS101C  | Computer Programming (S1)                               | 3 | 0 | 3  | 9  | Prof. Achyut Mani Tripathi                 | B + E1, F1/E2, F2 | 003         |                     |
| 77    | CS101C  | Computer Programming (S2)                               | 3 | 0 | 3  | 9  | Prof. Nikhil Devaratha Hegde               | B + E1, F1/E2, F2 | 006         |                     |
| 78    | CS201C  | Software Systems Lab                                    | 1 | 3 | 0  | 8  | Prof. Koteswararao Kondepu                 | I3, J3, K3,H3     | 003 (I3,J3) |                     |
| 79    | CS202L  | Databases and information systems laboratory            | 0 | 0 | 3  | 3  | Prof. Siba Narayan Swain                   | M                 | -           |                     |
| 80    | CS202T  | Discrete structures                                     | 3 | 0 | 0  | 6  | Prof. Vijeth Jinachandra Kotagi            | C                 | 010         |                     |
| 81    | CS203T  | Design and analysis of algorithms                       | 3 | 0 | 0  | 6  | Prof. Konjengbam Anand                     | D                 | 008         |                     |
| 82    | CS205T  | Databases and information systems                       | 3 | 0 | 0  | 6  | Prof. Siba Narayan Swain                   | B                 | 103         |                     |
| 83    | CS301P  | Research and Development Project                        | 0 | 0 | 6  | 6  | Prof. Ramchandra Phawade                   | As per Instructor | -           |                     |
| 84    | CS302L  | Operating systems lab                                   | 0 | 0 | 3  | 3  | Prof. Rajshekar K.                         | L                 | -           |                     |
| 85    | CS302P  | Research and Development Project II                     | 0 | 0 | 6  | 6  | Prof. Ramchandra Phawade                   | As per Instructor | -           |                     |
| 86    | CS303T  | Operating systems                                       | 3 | 0 | 0  | 6  | Prof. Rajshekar K.                         | A                 | 103         |                     |
| 87    | CS401P  | B. Tech. Project-CSE                                    | 0 | 0 | 6  | 6  | Prof. Ramchandra Phawade                   | As per Instructor | -           | PG only             |
| 88    | CS403T  | Graph Theory and Combinatorics                          | 3 | 0 | 0  | 6  | Prof. Sagnik Sen                           | G                 | 001         |                     |
| 89    | CS407T  | Mathematics for Data Science (S1)                       | 3 | 0 | 0  | 6  | Prof. Dileep A D                           | F                 | 106         |                     |
| 90    | CS407T  | Mathematics for Data Science (S1)                       | 3 | 0 | 0  | 6  | Prof. Vandana Bharti                       | F                 | 106         |                     |
| 91    | CS501L  | Statistical Pattern Recognition Laboratory              | 0 | 0 | 3  | 3  | Prof. Dileep A D                           | C1,C3             | 111         |                     |
| 92    | CS503T  | Statistical Pattern Recognition                         | 3 | 0 | 0  | 6  | Prof. Dileep A D                           | K                 | 111         |                     |
| 93    | CS601S  | Seminar                                                 | 0 | 0 | 4  | 4  | Prof. Ramchandra Phawade                   | As per Instructor | -           | PG Only             |
| 94    | CS601T  | Deep Learning                                           | 3 | 0 | 0  | 6  | Prof. Vandana Bharati                      | H                 | 101         |                     |
| 95    | CS602L  | Advanced Data Structures and Algorithms Lab             | 0 | 0 | 3  | 3  | Prof. Sandeep R. B.                        | A2,B2,C2          | -           | UG 4th year onwards |
| 96    | CS603L  | Scalable Data Mining Lab                                | 0 | 0 | 3  | 3  | Prof. Kedar Vithal Khandeparkar            | L                 | -           |                     |
| 97    | CS602C  | Advanced Software Development Laboratory                | 1 | 0 | 4  | 6  | Prof. Gayathri Ananthanarayanan            | M + B3            | 003         | PG only             |
| 98    | CS616T  | Advanced data structures and algorithms                 | 3 | 0 | 0  | 6  | Prof. Sandeep R. B.                        | G                 | 003         | UG 4th year onwards |
| 99    | CS617T  | Combinatorics and Probability                           | 3 | 0 | 0  | 6  | Prof. Ramchandra Phawade                   | D                 | LG10        | PG only             |
| 100   | CS619T  | Scalable Data Mining                                    | 3 | 0 | 0  | 6  | Prof. Kedar Vithal Khandeparkar            | I                 | LG08        |                     |
| 101   | CS621T  | Cryptography and Network Security                       | 2 | 1 | 0  | 6  | Prof. Tamal Das                            | J                 | LG05        |                     |
| 102   | CS701P  | MTech Technical Project – I                             | 0 | 0 | 32 | 32 | Prof. Ramchandra Phawade                   | -                 | -           |                     |
| 103   | EE101O  | Formal Communications (S1)                              | 1 | 0 | 0  | 2  | Prof. Satish Naik Banavath                 | D1                | 301         | Running in 111      |
| 104   | EE101O  | Formal Communications (S2)                              | 1 | 0 | 0  | 2  | Prof. Satish Naik Banavath                 | D1                | 304         |                     |
| 105   | EE101O  | Formal Communications (S3)                              | 1 | 0 | 0  | 2  | Prof. Satish Naik Banavath                 | D1                | 307         |                     |
| 106   | EE101O  | Formal Communications (S4)                              | 1 | 0 | 0  | 2  | Prof. Satish Naik Banavath                 | D1                | 310         |                     |
| 107   | EE101O  | Formal Communications (S5)                              | 1 | 0 | 0  | 2  | Prof. Satish Naik Banavath                 | D1                | 313         |                     |
| 108   | EE101T  | Introduction to Electrical Systems and Electronics (S1) | 3 | 0 | 0  | 6  | Prof. Amarkumar Ayodhyasingh Kushwaha      | A                 | 006         |                     |
| 109   | EE101T  | Introduction to Electrical Systems and Electronics (S2) | 3 | 0 | 0  | 6  | Prof. Nagaveni S                           | A                 | 003         |                     |
| 110   | EE201L  | Devices and Circuits Lab                                | 0 | 0 | 3  | 3  | Prof. Vigneshwara Raja P.                  | L                 | -           |                     |
| 111   | EE201T  | Introduction to Analog Circuits (1st Half)              | 3 | 0 | 0  | 3  | Prof. Naveen Kadayinti                     | E                 | 010         |                     |
| 112   | EE202L  | Electrical Mechines and Power Electronics Lab (S1)      | 0 | 0 | 3  | 3  | Prof. Animesh Kumar Sahoo                  | M                 | -           |                     |
| 113   | EE202L  | Electrical Mechines and Power Electronics Lab (S1)      | 0 | 0 | 3  | 3  | Prof. Sairam Boggavarapu                   | M                 | -           |                     |
| 114   | EE204T  | Signals and Systems                                     | 2 | 1 | 0  | 6  | Prof. Ameer Kalandar Mulla                 | C                 | 008         |                     |
| 115   | EE205T  | Introduction to Probability (1st Half) (S2)             | 3 | 0 | 0  | 3  | Prof. B. N. Bharath                        | A                 | 010         |                     |

### All the courses (Electives and Core courses)

| S.No. | C. Code | Course                                                     | L | T | P | C     | Faculty                               | Slot Assigned     | Venue | Remarks |
|-------|---------|------------------------------------------------------------|---|---|---|-------|---------------------------------------|-------------------|-------|---------|
| 116   | EE205T  | Introduction to Probability (1st Half) (S1)                | 3 | 0 | 0 | 3     | Prof. Gopal Krishna Kamath M.         | A                 | 008   |         |
| 117   | EE207T  | Data Analysis (2nd Half) (S1)                              | 3 | 0 | 0 | 3     | Prof. Gopal Krishna Kamath M.         | A                 | 008   |         |
| 118   | EE207T  | Data Analysis (2nd Half) (S2)                              | 3 | 0 | 0 | 3     | Prof. Naveen M B                      | A                 | 010   |         |
| 119   | EE301C  | Digital Communication and Coding Theory                    | 2 | 0 | 2 | 6     | Prof. Rajshekhar V Bhat               | H + J3            | LG06  |         |
| 120   | EE301P  | Research and Development Project                           | 0 | 0 | 6 | 6     | Prof. Naveen MB                       | As per Instructor | -     |         |
| 121   | EE301T  | Microprocessors and Microcontrollers                       | 3 | 0 | 0 | 6     | Prof. Samba Raju Chiluveru            | E                 | 001   |         |
| 122   | EE302L  | Microprocessors and Microcontrollers Lab                   | 0 | 0 | 3 | 3     | Prof. Samba Raju Chiluveru            | C3, D3, A3        | -     |         |
| 123   | EE302P  | Research and Development Project II                        | 0 | 0 | 6 | 6     | Prof. Naveen MB                       | As per Instructor | -     |         |
| 124   | EE304L  | Digital Signal Processing Lab (2nd Half)                   | 0 | 0 | 4 | 2     | Prof. Shashaank Aswatha Mattur        | L                 | -     |         |
| 125   | EE305T  | Digital Signal Processing (1st Half)                       | 3 | 0 | 0 | 3     | Prof. Naveen M B                      | B                 | 001   |         |
| 126   | EE401P  | B. Tech. Project EE                                        | 0 | 0 | 6 | 6     | Prof. Naveen MB                       | As per Instructor | -     |         |
| 127   | EE601S  | M. Tech. Seminar                                           | 0 | 0 | 4 | 4     | Prof. Naveen MB                       | As per Instructor | -     | PG Only |
| 128   | EE602L  | Pattern Recognition and Machine Learning (PRML) Laboratory | 0 | 0 | 3 | 3     | Prof. Rahul Jashvantbhai Pandya       | M                 | -     |         |
| 129   | EE603L  | Embedded systems Lab                                       | 0 | 0 | 3 | 3     | Prof. Abhijit Kshirsagar              | L                 | -     |         |
| 130   | EE603L  | Embedded systems Lab                                       | 0 | 0 | 3 | 3     | Prof. Amarkumar Ayodhyasingh Kushwaha | L                 | -     |         |
| 131   | EE603T  | Analog IC Design                                           | 3 | 0 | 0 | 6     | Prof. Naveen Kadayinti                | B                 | LG05  |         |
| 132   | EE604L  | VLSI Simulations Lab                                       | 0 | 0 | 3 | 3     | Prof. Saroj Mondal                    | M                 | -     |         |
| 133   | EE604L  | VLSI Simulations Lab                                       | 0 | 0 | 3 | 3     | Prof. Vigneshwara Raja P.             | M                 | -     |         |
| 134   | EE604T  | Pattern Recognition and Machine Learning                   | 3 | 0 | 0 | 6     | Prof. Rahul Jashvantbhai Pandya       | I                 | 107   |         |
| 135   | EE605T  | Power System Dynamics and Control                          | 2 | 1 | 0 | 6     | Prof. Pratyasa Bhui                   | F                 | LG08  |         |
| 136   | EE607T  | VLSI Design                                                | 3 | 0 | 0 | 6     | Prof. Saroj Mondal                    | I                 | LG10  |         |
| 137   | EE609T  | Multivariable Control Systems                              | 3 | 0 | 0 | 6     | Prof. Ameer Kalandar Mulla            | A                 | LG03  |         |
| 138   | EE612T  | Design of Power Converters                                 | 2 | 0 | 2 | 6     | Prof. Satish Naik Banavath            | H + J3            | LG08  |         |
| 139   | EE614T  | Probability Models and Applications                        | 3 | 0 | 0 | 6     | Prof. B. N. Bharath                   | K                 | 006   |         |
| 140   | EE618T  | Linear Algebra and its Applications                        | 3 | 0 | 0 | 6     | Prof. Shashaank Aswatha Mattur        | D                 | LG08  |         |
| 141   | EE621T  | Nanoelectronics                                            | 3 | 0 | 0 | 6     | Prof. Ruma Ghosh                      | H                 | 103   | PG Only |
| 142   | EE624T  | Physics of Transistors                                     | 3 | 0 | 0 | 6     | Prof. Ruma Ghosh                      | F                 | LG10  |         |
| 143   | EE625T  | Semiconductor Radiation Detectors                          | 3 | 0 | 0 | 6     | Prof. Vigneshwara Raja P.             | J                 | 309   |         |
| 144   | EE627T  | Embedded Systems Design                                    | 3 | 0 | 0 | 6     | Prof. Abhijit Kshirsagar              | E                 | 103   |         |
| 145   | EE629T  | Power Quality Analysis                                     | 3 | 0 | 0 | 6     | Prof. Animesh Kumar Sahoo             | I                 | 001   |         |
| 146   | EE701P  | M. Tech. Project I                                         |   |   |   | 32    | Prof. Naveen MB                       | As per Instructor | -     | PG Only |
| 147   | EE801S  | Seminar                                                    | 0 | 0 | 4 | 4     | Prof. Naveen MB                       | As per Instructor | -     | PG Only |
| 148   | HS101T  | Design Thinking and Creativity (S1)                        | 1 | 0 | 0 | PP/NP | Prof. Pradeep Yammiyavar              | F1/F2             | 006   |         |
| 149   | HS201T  | Economics (S2)                                             | 3 | 0 | 0 | 6     | Prof. Debalina Chakravarty            | B                 | 010   |         |
| 150   | HS201T  | Economics (S1)                                             | 3 | 0 | 0 | 6     | Prof. Mohana Rao Balaga               | B                 | 008   |         |
| 151   | HS409T  | Philosophy                                                 | 3 | 0 | 0 | 6     | Prof. Jolly Thomas                    | G                 | 101   |         |
| 152   | HS410T  | Modernism and the 'Hero'                                   | 3 | 0 | 0 | 6     | Prof. Ridhima Tewari                  | G                 | 103   |         |
| 153   | HS424T  | Introduction to Indian Knowledge System - I                | 3 | 0 | 0 | 6     | Prof. B L Tembe                       | G                 | 107   |         |
| 154   | HS426T  | Introduction to Indian Knowledge System - II               | 3 | 0 | 0 | 6     | Prof. Prahlad S Joshi                 | G                 | 109   |         |
| 155   | HS427T  | Sanskrit-I                                                 | 3 | 0 | 0 | 6     | Prof. Gopal Sharan Parashari          | G                 | 003   |         |
| 156   | HS428T  | Introduction to Music-I                                    | 3 | 0 | 0 | 6     | Prof. Abhijit Kshirsagar              | G                 | 111   |         |
| 157   | 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 |
|-------|---------|--------------------------------------------------------|---|-----|----|-------|------------------------------------|-----------------------|-------|---------|
| 158   | HS429T  | Introduction to Industrial Organization                | 3 | 0   | 0  | 6     | Prof. Gopal Sharan Parashari       | G                     | 006   |         |
| 159   | HS601T  | Communication Skills                                   | 1 | 0   | 0  | PP/NP | Prof. Ridhima Tewari               | SP2                   | 106   | PG Only |
| 160   | HS607T  | Research Methodology in Humanities and Social Sciences | 4 | 0   | 0  | 8     | Prof. Jolly Thomas                 | As per Instructor     | -     | PG Only |
| 161   | HS608T  | Principles of Microeconomics                           | 3 | 0   | 0  | 6     | Prof. Debalina Chakravarty         | As per Instructor     | -     | PG Only |
| 162   | HS801S  | Seminar                                                | 0 | 0   | 4  | 4     | Prof. Ridhima Tewari               | As per Instructor     | -     | PG Only |
| 163   | HS801T  | Macroeconomics                                         | 3 | 0   | 0  | 6     | Prof. Mohana Rao Balaga            | As per Instructor     | -     | PG Only |
| 164   | HS613T  | Literature and Philosophy                              | 4 | 0   | 0  | 8     | Prof. Ridhima Tewari               | As per Instructor     | -     | PG Only |
| 165   | HS802S  | Seminar II                                             | 0 | 0   | 4  | 4     | Prof. Mohana Rao Balaga            | As per Instructor     | -     |         |
| 166   | MA102L  | Mathematics Laboratory                                 | 0 | 0   | 3  | 3     | Prof. Sagnik Sen                   | L                     | LG05  |         |
| 167   | MA106T  | Complex Analysis (1st Half)                            | 3 | 1   | 0  | 4     | Prof. Amlan K Barua                | F + I3                | 010   |         |
| 168   | MA108T  | Calculus                                               | 3 | 1.5 | 0  | 9     | Prof. Shraddha Srivastava          | G + I3, J3            | 106   |         |
| 169   | MA201T  | Differential Equations II (2nd Half)                   | 3 | 1   | 0  | 4     | Prof. Dhriti Ranjan Dolai          | F + I3                | 010   |         |
| 170   | MA304T  | Rings and Modules                                      | 2 | 1   | 0  | 6     | Prof. Sury (Visiting Faculty)      | F                     | 310   |         |
| 171   | MA401P  | BS Minor Project - Mathematics - 1                     | 0 | 0   | 6  | 6     | Prof. Sagnik Sen                   | As per Instructor     | -     |         |
| 172   | MA401T  | Introduction to Probability Theory                     | 3 | 1   | 0  | 8     | Prof. Ravindran (Visiting Faculty) | G + I3                | LG03  |         |
| 173   | MA404T  | Introduction to Mathematical Finance I                 | 3 | 0   | 0  | 6     | Prof. Ravindran (Visiting Faculty) | E                     | 111   |         |
| 174   | MA405T  | Introduction to Complex Analysis                       | 2 | 1   | 0  | 6     | Prof. Shreedevi Masuti             | C                     | LG08  |         |
| 175   | MA406T  | General Topology                                       | 2 | 1   | 0  | 6     | Prof. Dhriti Ranjan Dolai          | B                     | LG06  |         |
| 176   | MA407T  | Stochastic Models                                      | 3 | 0   | 0  | 6     | Prof. Neelesh (Visiting Faculty)   | D                     | LG05  |         |
| 177   | MA412T  | Numerical Analysis                                     | 2 | 1   | 0  | 6     | Prof. Amlan K Barua                | B                     | LG10  |         |
| 178   | ME401P  | B.Tech. Project-ME                                     | 0 | 0   | 6  | 6     | Prof. Omkar Baswaraj Bembalge      | As per Instructor     | -     |         |
| 179   | ME701P  | M.Tech. Project - I                                    | 0 | 8   | 16 | 32    | Prof. Somashekara M. A.            | As per Instructor     | -     |         |
| 180   | ME101L  | Hands on Engineering Lab                               | 0 | 0   | 3  | 3     | Prof. Anbukkarasi R                | H1, I1, J1/H2,I2,J2/L | -     |         |
| 181   | ME101L  | Hands on Engineering Lab                               | 0 | 0   | 3  | 3     | Prof. Nikhil Devaratha Hegde       | H1, I1, J1/H2,I2,J2/L | -     |         |
| 182   | ME101L  | Hands on Engineering Lab                               | 0 | 0   | 3  | 3     | Prof. Omkar Baswaraj Bembalge      | H1, I1, J1/H2,I2,J2/L | -     |         |
| 183   | ME101L  | Hands on Engineering Lab                               | 0 | 0   | 3  | 3     | Prof. Pratyasa Bhui                | H1, I1, J1/H2,I2,J2/L | -     |         |
| 184   | ME101L  | Hands on Engineering Lab                               | 0 | 0   | 3  | 3     | Prof. Somashekara M. A.            | H1, I1, J1/H2,I2,J2/L | -     |         |
| 185   | ME101L  | Hands on Engineering Lab                               | 0 | 0   | 3  | 3     | Prof. Vyom Sharma                  | H1, I1, J1/H2,I2,J2/L | -     |         |
| 186   | ME101P  | Formal and Technical Communications                    | 0 | 0   | 2  | 2     | Prof. Keerthi M. C.                | H3, K3                | 010   |         |
| 187   | ME101P  | Formal and Technical Communications                    | 0 | 0   | 2  | 2     | Prof. Omkar Baswaraj Bembalge      | H3, K3                | 010   |         |
| 188   | ME101P  | Formal and Technical Communications                    | 0 | 0   | 2  | 2     | Prof. Vyom Sharma                  | H3, K3                | 010   |         |
| 189   | ME101T  | Linear Algebra: Theory and Numerics                    | 2 | 1   | 0  | 6     | Prof. Sangamesh Deepak R           | C                     | LG10  |         |
| 190   | ME102C  | Introduction to Mechanical Engineering                 | 2 | 0   | 2  | 6     | Prof. Dhiraj V Patil               | G + I3, J3            | 010   |         |
| 191   | ME102C  | Introduction to Mechanical Engineering                 | 2 | 0   | 2  | 6     | Prof. Punag Chatterjee             | G + I3, J3            | 010   |         |
| 192   | ME102C  | Introduction to Mechanical Engineering                 | 2 | 0   | 2  | 6     | Prof. Somashekara M. A.            | G + I3, J3            | 010   |         |
| 193   | ME201L  | Manufacturing processes and Metrology Laboratory       | 0 | 0   | 3  | 3     | Prof. Rakesh Lingam                | M                     | -     |         |
| 194   | ME201P  | Machine Drawing and 3D Modelling Laboratory            | 0 | 0   | 3  | 3     | Prof. Samarth Shankar Raut         | H1, I1, J1            | -     |         |
| 195   | ME201T  | Engineering Mechanics                                  | 2 | 1   | 0  | 6     | Prof. Satyapriya Gupta             | A                     | 001   |         |
| 196   | ME203L  | Mechanical Measurements Laboratory (S1)                | 0 | 0   | 3  | 3     | Prof. Meenatchidevi Murugesan      | L/M                   | -     |         |
| 197   | ME203L  | Mechanical Measurements Laboratory (S1)                | 0 | 0   | 3  | 3     | Prof. Sudheer Siddapureddy         | L/M                   | -     |         |
| 198   | ME203T  | Fluid Mechanics                                        | 3 | 0   | 0  | 6     | Prof. Ramjee Repaka                | C                     | 001   |         |
| 199   | ME204L  | Solid Mechanics Laboratory                             | 0 | 0   | 3  | 3     | Prof. Vyom Sharma                  | E2, F2                |       |         |

### All the courses (Electives and Core courses)

| S.No. | C. Code | Course                                              | L | T | P | C | Faculty                        | Slot Assigned                       | Venue | Remarks |
|-------|---------|-----------------------------------------------------|---|---|---|---|--------------------------------|-------------------------------------|-------|---------|
| 200   | ME204T  | Manufacturing Processes - I                         | 3 | 0 | 0 | 6 | Prof. Sushanta Kumar Sethi     | G                                   | LG10  |         |
| 201   | ME205L  | Heat Transfer Laboratory (S1)                       | 0 | 0 | 3 | 3 | Prof. Keerthi M. C.            | L/M                                 | -     |         |
| 202   | ME205L  | Heat Transfer Laboratory (S2)                       | 0 | 0 | 3 | 3 | Prof. Surya Prakash Ramesh     | L/M                                 | -     |         |
| 203   | ME205T  | Mechanics of Materials                              | 2 | 1 | 0 | 6 | Prof. Amar Keshav Gaonkar      | D                                   | 001   |         |
| 204   | ME206T  | Thermodynamics                                      | 2 | 1 | 0 | 6 | Prof. Keerthi M. C.            | E                                   | 101   |         |
| 205   | ME211T  | Manufacturing Processes - II                        | 2 | 1 | 0 | 6 | Prof. Anbukkarasi R            | D                                   | 101   |         |
| 206   | ME301P  | Research and Development Project                    | 0 | 0 | 6 | 6 | Prof. Omkar Baswaraj Bembalge  |                                     |       |         |
| 207   | ME301T  | Applied Thermodynamics                              | 3 | 0 | 0 | 6 | Prof. Dhiraj V Patil           | B                                   | 207   |         |
| 208   | ME306T  | Design of Machine Elements                          | 3 | 0 | 0 | 6 | Prof. Samarth Shankar Raut     | C                                   | LG05  |         |
| 209   | ME404T  | IC Engines                                          | 3 | 0 | 0 | 6 | Prof. Surya Prakash Ramesh     | As per Instructor(J)                | 307   |         |
| 210   | ME418T  | Rocket Propulsion                                   | 3 | 0 | 0 | 6 | Prof. Meenatchidevi Murugesan  | I                                   | 101   |         |
| 211   | ME418T  | Rocket Propulsion                                   | 3 | 0 | 0 | 6 | Prof. Prahlad S Joshi          | I                                   | 101   |         |
| 212   | ME601T  | Finite Element Analysis                             | 3 | 0 | 0 | 6 | Prof. Amar Keshav Gaonkar      | I                                   | 103   |         |
| 213   | ME602T  | Introduction to Computational Fluid Dynamics        | 3 | 0 | 0 | 6 | Prof. Hiranya Deka             | G                                   | LG06  |         |
| 214   | ME603T  | Impact Mechanics and Modelling                      | 3 | 0 | 0 | 6 | Prof. Amar Keshav Gaonkar      | E                                   | 107   |         |
| 215   | ME603T  | Impact Mechanics and Modelling                      | 3 | 0 | 0 | 6 | Prof. Tejas Prakash Gotkhindi  | E                                   | 107   |         |
| 216   | ME610T  | Advanced Solid Mechanics                            | 3 | 0 | 0 | 6 | Prof. Sangamesh Deepak R.      | G                                   | LG08  |         |
| 217   | ME649T  | Fluid Dynamics                                      | 3 | 0 | 0 | 6 | Prof. Sudheer Siddapureddy     | I                                   | 111   |         |
| 218   | ME650T  | Advanced Thermodynamics                             | 3 | 0 | 0 | 6 | Prof. Meenatchidevi Murugesan  | B                                   | 109   |         |
| 219   | ME651T  | Fundamentals of Casting and Welding                 | 3 | 0 | 0 | 6 | Prof. Omkar Baswaraj Bembalge  | C                                   | 101   |         |
| 220   | ME652T  | Physical and Mechanical Metallurgy                  | 3 | 0 | 0 | 6 | Prof. Satyapriya Gupta         | I                                   | 109   |         |
| 221   | ME653T  | CNC and Additive Manufacturing                      | 3 | 0 | 0 | 6 | Prof. Rakesh Lingam            | G                                   | LG05  |         |
| 222   | ME659T  | Dynamics and Control                                | 3 | 0 | 0 | 6 | Prof. Punng Chatterjee         | A                                   | 109   |         |
| 223   | ME664T  | Product Design and Manufacturing                    | 3 | 0 | 0 | 6 | Prof. Somashekara M. A.        | B                                   | 101   |         |
| 224   | ME702S  | Seminar                                             | 0 | 0 | 4 | 4 | Prof. Somashekara M. A.        | As per Instructor                   | -     |         |
| 225   | ME702T  | Engineering Mathematics for Advanced Studies        | 3 | 0 | 0 | 6 | Prof. Tejas Prakash Gotkhindi  | K                                   | 008   | PG Only |
| 226   | ME704T  | Research Methodology                                | 1 | 0 | 0 | 2 | Prof. Hiranya Deka             | D1                                  | 103   | PG Only |
| 227   | ME705T  | Introduction to Programming and Modeling Laboratory | 0 | 3 | 0 | 6 | Prof. Sushanta Kumar Sethi     | E1, F1                              | 109   | PG Only |
| 228   | PH101L  | Hands on Science Laboratory – I                     | 0 | 0 | 3 | 3 | Prof. Santosh Kumar            | H1, I1, J1/H2,I2,J2/L               | -     |         |
| 229   | PH101L  | Hands on Science Laboratory – I                     | 0 | 0 | 3 | 3 | Prof. Sudhir Kumar Sahoo       | H1, I1, J1/H2,I2,J2/L               | -     |         |
| 230   | PH101L  | Hands on Science Laboratory – I                     | 0 | 0 | 3 | 3 | Prof. Swananda Vishvas Marathe | H1, I1, J1/H2,I2,J2/L               | -     |         |
| 231   | PH101T  | Quantum Physics and Applications (S2)               | 2 | 1 | 0 | 6 | Prof. D Narasimha              | C                                   | 003   |         |
| 232   | PH101T  | Quantum Physics and Applications (S1)               | 2 | 1 | 0 | 6 | Prof. S. M. Shivaprasad        | C                                   | 006   |         |
| 233   | PH102T  | Electricity and Magnetism                           | 2 | 1 | 0 | 6 | Prof. Sairam Boggavarapu       | D                                   | 010   |         |
| 234   | PH201L  | Introductory Physics Laboratory                     | 0 | 0 | 3 | 3 | Prof. Koushik Saha             | L                                   | -     |         |
| 235   | PH201T  | Waves, Oscillations & Optics                        | 2 | 1 | 0 | 6 | Prof. Santosh Kumar            | A                                   | 107   |         |
| 236   | PH301P  | Research and Development Project-I                  | 0 | 0 | 0 | 6 | Prof. Dhriti Sundar Ghosh      | As per Instructor                   | -     |         |
| 237   | PH301T  | Electrodynamics                                     | 2 | 1 | 0 | 6 | Prof. Kavita Devi              | C                                   | 103   |         |
| 238   | PH302P  | Minor Project-I                                     | 0 | 0 | 0 | 6 | Prof. Kavita Devi              | As per Instructor                   | -     |         |
| 239   | PH302T  | Classical Mechanics                                 | 2 | 1 | 0 | 6 | Prof. Koushik Saha             | D                                   | 107   |         |
| 240   | PH303T  | Quantum Mechanics-I                                 | 2 | 1 | 0 | 6 | Prof. R. Prabhu                | J(Exam will be conducted in F slot) | 006   |         |

### All the courses (Electives and Core courses)

| S.No. | C. Code | Course                                              | L | T | P | C | Faculty                   | Slot Assigned     | Venue | Remarks |
|-------|---------|-----------------------------------------------------|---|---|---|---|---------------------------|-------------------|-------|---------|
| 241   | PH401L  | Advanced Physics Laboratory                         | 0 | 0 | 3 | 3 | Prof. Kavita Devi         | M                 | -     |         |
| 242   | PH401P  | B.Tech.Project -EP I                                | 0 | 0 | 0 | 6 | Prof. Kavita Devi         | As per Instructor | -     |         |
| 243   | PH401S  | Seminar-I                                           | 0 | 0 | 3 | 3 | Prof. Kavita Devi         | As per Instructor | -     |         |
| 244   | PH402L  | Electronics Laboratory                              | 0 | 0 | 3 | 3 | Prof. Dhriti Sundar Ghosh | M                 | -     |         |
| 245   | PH402P  | B.Tech.Project -EP II                               | 0 | 0 | 0 | 6 | Prof. Koushik Saha        | As per Instructor | -     |         |
| 246   | PH402S  | Seminar-II                                          | 0 | 0 | 4 | 4 | Prof. Koushik Saha        | As per Instructor | -     |         |
| 247   | PH403P  | Research and Development Project-II                 | 0 | 0 | 0 | 6 | Prof. Santosh Kumar       | As per Instructor | -     |         |
| 248   | PH404T  | Astrophysics                                        | 2 | 1 | 0 | 6 | Prof. D Narasimha         | H                 | 107   |         |
| 249   | PH405T  | Introduction to Quantum Information and Computation | 2 | 1 | 0 | 6 | Prof. R. Prabhu           | F                 | 307   |         |
| 250   | PH420T  | Electronics                                         | 3 | 0 | 0 | 6 | Prof. Dhriti Sundar Ghosh | A                 | 111   |         |
| 251   | PH601P  | Research project in Physics                         | 2 | 1 | 0 | 6 | Prof. Santosh Kumar       | As per Instructor | -     |         |
| 252   | PH601S  | Research seminar II                                 | 0 | 0 | 4 | 4 | Prof. Santosh Kumar       | As per Instructor | -     | PG only |
| 253   | PH601T  | Theory of Laboratory Techniques                     | 2 | 1 | 0 | 6 | Prof. Santosh Kumar       | As per Instructor | -     | PG only |
| 254   | PH701T  | Photonics: Fundamentals and Technology              | 2 | 1 | 0 | 6 | Prof. Kavita Devi         | As per Instructor | -     | PG only |
| 255   | PH702T  | Advanced Atomic and Molecular Physics               | 4 | 0 | 0 | 8 | Prof. Koushik Saha        | As per Instructor | -     | PG only |
| 256   | PH703T  | Spectroscopy                                        | 2 | 1 | 0 | 6 | Prof. Koushik Saha        | As per Instructor | -     | PG only |
| 257   | PH704T  | Remote Sensing                                      | 2 | 1 | 0 | 6 | Prof. Koushik Saha        | As per Instructor | -     | PG only |
| 258   | PH802T  | Quantum Optics                                      | 4 | 0 | 0 | 8 | Prof. R. Prabhu           | As per Instructor | -     | PG only |
| 259   | PH803T  | Tunable Coherent Optical Devices                    | 2 | 1 | 0 | 6 | Prof. Kavita Devi         | As per Instructor | -     | PG only |