## **RESULTS FOR MONSOON SEMESTER (JULY-NOV) 2023**

| SI. No. | Course Code | Course Name  | AS  | AA | AB       | BB | ВС | CC | CD       | DD   | FA | FD | FP | I        | NP | PP | X        | Grand Total | HoD Forwarded | Hard Copy |
|---------|-------------|--|-----|----|----------|----|----|----|----------|--|----|----|----|----------|----|----|----------|-------------|---------------|-----------|
|         |             |  |     |    |          |    |    |    |          |  |    |    |    |          |    |    |          |             |               |           |
| 1       | BM 501H     | Microeconomics                                       |     | 2  | 3        | 2  | 10 | 6  | 3        |  |    |    |    |          |    |    |          | 26          | Forwarded     | Yes       |
| 2       | BM 502H     | Financial Systems                                    |     | 4  | 7        | 10 | 10 | 4  | "        | 1  |    |    |    |          |    |    |          | 26          | Forwarded     | Yes       |
| 3       | BM 503H     | Marketing Management                                 |     | 2  | 5        | 4  | 6  | 5  | 3        | -  |    |    |    |          |    |    |          | 25          | Forwarded     | Yes       |
| 4       | BM 504H     | Business Statistics and Data Analysis for Management |     | 3  |          | 13 | 4  | 6  | 3        | -  |    |    |    |          |    |    |          | 31          | Forwarded     | Yes       |
| 4       | DIVI SU4FI  | Business Statistics and Data Analysis for Management |     | 3  | 5        | 13 | 4  | 0  |          |  |    |    |    |          |    |    |          | 31          | roiwaided     | res       |
| 5       | BM 505H     | Organizational Behaviour                             |     | 1  | 2        | 6  | 10 | 4  | 1        | 1  |    |    |    |          |    |    |          | 25          | Forwarded     | Yes       |
| 6       | BM 506H     | Macroeconomics for Managers                          |     | 5  | 3        | 9  | 5  | 3  |          |  |    |    | 1  |          |    |    |          | 26          | Forwarded     | Yes       |
| 7       | BM 507H     | Managerial Accounting                                |     | 2  | 2        | 10 | 8  | 3  |          |  |    |    |    | 1        |    |    |          | 26          | Forwarded     | Yes       |
| 8       | BM 508H     | Business Research Methods                            |     | 2  | 6        | 10 | 8  | 3  |          |  | 1  |    |    |          |    |    |          | 30          | Forwarded     | Yes       |
| 9       | BM 509H     | Human Resource Management                            |     | 4  | 6        | 10 | 3  |    |          |  |    |    | 1  |          |    |    |          | 24          | Forwarded     | Yes       |
| 10      | BM 510H     | Management Information System                        |     | 1  | 1        | 11 | 8  | 1  | 1        |  |    |    | 1  |          |    |    |          | 24          | Forwarded     | Yes       |
| 11      | BM 521H     | Business Ethics                                      |     | 1  | 2        | 3  | 8  | 2  |          |  |    |    |    |          |    |    |          | 16          | Forwarded     | No        |
| 12      | BM 522H     | Project Management                                   |     | 1  | 1        | 5  | 7  | 3  |          |  |    |    |    |          |    |    |          | 17          | Forwarded     | No        |
| 13      | BM 526H     | Project Work-I                                       |     | 4  | 5        | 4  | 2  | 1  |          |  |    |    |    |          |    |    |          | 16          | Forwarded     | Yes       |
| 14      | BM 625H     | Negotiation and Conflict Management                  |     | 2  | 3        | 7  | 5  | 1  |          |  |    |    |    |          |    |    |          | 18          | Forwarded     | No        |
| 15      | BM 627H     | Performance and Compensation Management              | 1   | 1  | 1        | 5  | 3  | 6  | 2        |  |    |    |    |          |    |    |          | 18          | Forwarded     | Yes       |
|         |             |  |     |    |          |    |    |    |          |  |    |    |    |          |    |    |          |             |               |           |
| 16      | BM 646H     | Marketing Analytics and Metrics                      |     | 2  | 5        | 6  | 1  | 2  | 2        |  |    |    |    |          |    |    |          | 18          | Forwarded     | Yes       |
| 17      | BM 666H     | Quality Management and Control                       |     | 1  | 2        | 10 | 3  | 1  |          |  |    |    |    |          |    |    |          | 17          | Forwarded     | Yes       |
| 18      | BM 670H     | Supply Chain Management                              |     | 2  | 4        | 6  | 5  |    |          |  |    |    |    |          |    | 1  |          | 18          | Forwarded     | No        |
| 19      | BT 201      | Biochemical Process Calculations                     |     | 17 | 20       | 13 | 18 | 5  | 3        | 4  |    | 1  |    |          |    |    |          | 81          | Forwarded     | Yes       |
| 20      | BT 202      | Bio-thermodynamics                                   |     | 12 | 20       | 15 | 18 | 14 | 2        |  |    |    |    |          |    |    |          | 81          | Forwarded     | Yes       |
| 21      | BT 203      | Biochemistry   | 2   | 6  | 8        | 13 | 15 | 18 | 9        | 6  |    |    | 4  |          |    |    |          | 81          | Forwarded     | Yes       |
| 22      | BT 204      | Genetics   | 1   | 7  | 10       | 14 | 13 | 15 | 14       | 3  |    |    | 5  |          |    |    |          | 82          | Forwarded     | Yes       |
| 23      | BT 205      | Cell and Molecular Biology                           | 1   | 5  | 7        | 5  | 12 | 12 | 19       | 22   |    |    |    |          |    |    |          | 82          | Forwarded     | yes       |
| 24      | BT 301      | Biophysics   |     | 1  | 2        | 12 | 25 | 23 | 7        | 9  |    |    |    |          |    |    |          | 79          | Forwarded     | Yes       |
| 25      | BT 301M     | Cellular Biotechnology                               |     | 1  | 3        | +  | -  | +  |          | +  |    |    |    |          |    |    |          | 4           | Forwarded     | Yes       |
| 26      | BT 302      | Bioinformatics                                       | 1   | 2  | 6        | 13 | 16 | 12 | 12       | 8  |    |    |    | 1        |    |    |          | 71          | Forwarded     | Yes       |
| 27      | BT 303      | Biochemical Engineering                              | + - | 3  | 10       | 12 | 20 | 9  | 9        | 8  |    |    |    | 1        | +  |    |          | 72          | Forwarded     | Yes       |
| 28      | BT 304      | Immunology   |     | 3  | 8        | 14 | 16 | 20 | 11       | <del>                                     </del> |    |    |    | ·        | +  |    |          | 72          | Forwarded     | Yes       |
| 29      | BT 311      | Biochemical Engineering Lab                          | 1   | 13 | 24       | 21 | 7  | 4  | 1        |  |    |    |    | 1        |    |    |          | 72          | Forwarded     | Yes       |
| 30      | BT 312      | Analytical Biotechnology Lab                         | +   | 13 | 34       | 18 | 5  | 1  | <u> </u> |  |    |    |    | 1        |    |    | $\vdash$ | 72          | Forwarded     | Yes       |
| 31      | BT 401      | B.Tech Project I                                     |     | 22 | 12       | 8  | 8  | 2  | 3        | 6  |    |    |    | 1        |    |    | $\vdash$ | 62          | Forwarded     | Yes       |
| 32      | BT 401M     | Bioanalytical Techniques and Bioinformatics          |     | 1  | 1        | +  | +  | +  | +        | +  |    |    |    | <u> </u> |    |    |          | 2           | Forwarded     | Yes       |
| 33      | BT 402      | BTech Project-II                                     |     | †  | <u> </u> |    |    |    |          | 1  |    |    |    |          |    |    | П        | 1           | Forwarded     | Yes       |
| 34      | BT 501      | Biotechniques  | 2   | 12 | 15       | 23 | 13 | 5  | 2        |  |    |    | 2  |          |    |    |          | 74          | Forwarded     | Yes       |
| 35      | BT 503      | Advanced Genetic Engineering                         | 1   | 1  | 6        | 19 | 11 | 14 | 12       | 3  | 5  |    |    |          |    |    |          | 71          | Forwarded     | No        |
| 36      | BT 510      | Analytical Biotechnology Lab                         | 1   | 9  | 15       | 16 |    | 1  |          | 1  | 1  |    | 1  |          |    |    |          | 42          | Forwarded     | Yes       |
| 37      | BT 521      | Advanced Bioreactor Engineering                      |     | 3  | 4        | 4  |    | 1  |          |  |    |    |    |          |    |    |          | 11          | Forwarded     | Yes       |
| 38      | BT 530      | Experimental techniques in Bioengineering            | 1   | 2  | 4        | 3  |    | +  |          |  |    |    |    |          |    |    |          | 9           | Forwarded     | Yes       |
| 39      | BT 600      | M.Tech Seminar                                       | 1   | 4  | 12       | 12 | 2  | 7  | 1        | +  |    |    |    |          | 1  |    | $\vdash$ | 39          | Forwarded     | Yes       |
| 40      | BT 612      | Systems Biology                                      | _   | 5  | 4        | 5  | 19 | 22 | 19       | 30   |    |    | 6  |          |    |    | $\vdash$ | 110         | Forwarded     | Yes       |
| 41      | BT 615      | Cell Signaling & Development                         |     | 7  | 8        | 10 | 6  | 2  | 2        | 3  |    |    | 1  | 1        |    |    |          | 40          | Forwarded     | Yes       |
| 42      | BT 618      | Biomaterials   |     | 37 | 20       | 11 | 3  | +  | 1        | +  | 1  |    |    |          |    |    | $\vdash$ | 73          | Forwarded     | Yes       |
| 43      | BT 620      | Biosensors   | 1   | 10 | 13       | 16 | 7  | 1  | 2        | -  | 2  |    | 1  | 1        |    |    | $\vdash$ | 54          | Forwarded     | Yes       |
| +∪      | 51 020      |  | '   | 10 | 10       | 10 | 1' | 1' | -        | 1  | -  |    | '  | ı'       |    |    | 1        | <b>V</b> T  | · Orwalaca    | 100       |

| Sl. No.  | Course Code      | Course Name   | AS | AA  | AB       | BB  | ВС  | CC       | CD | DD       | FA | FD | FP  | I  | NP | PP | X | Grand Total | HoD Forwarded          | Hard Copy |
|----------|------------------|---|----|-----|----------|-----|-----|----------|----|----------|----|----|-----|----|----|----|---|-------------|------------------------|-----------|
|          |                  |   |    |     |          |     |     |          |    |          |    |    |     |    |    |    |   |             |                        |           |
| 44       | DT 000           |   |    |     | 40       | 00  | 40  |          |    |          |    |    |     |    |    |    |   | 00          |                        | N         |
| 44       | BT 623           | Research Methodology  |    | 3   | 18       | 22  | 10  | 6        | _  | 4        | _  |    |     |    |    |    |   | 63          | Forwarded              | No        |
| 45       | BT 637           | Genome Editing and Engineering  |    | 5   | 5        | 14  | 20  | 6        | 1  | 1        | 1  |    | 3   |    |    |    |   | 56          | Forwarded              | Yes       |
| 46       | BT 641           | Fundamentals Of Human Body Mechanics                                    |    | 1   | 3        | 1   | 13  | 15       | 11 | 16       |    |    | 1   |    |    | 1  |   | 67          | Forwarded              | Yes       |
| 47       | BT 643<br>BT 644 | Biointerface Engineering  Biorefineries                                 |    | 6   | 0        | 1   | -   | 1        |    | 1        |    |    |     |    |    | 4  |   | 7           | Forwarded              | Yes       |
| 48       | BT 645           | Introduction to IPR and Ethics  |    | 0   | 8        | 9   | 5   | <u>'</u> | 0  | 1        |    |    |     |    |    |    |   | 22<br>51    | Forwarded<br>Forwarded | Yes       |
| 49<br>50 | BT 698           | M. Tech Project I (MTP I)   |    | 26  | 5<br>9   | 4   | 14  | 11       | 9  | 2        |    |    |     |    |    |    |   | 39          | Forwarded              | Yes       |
|          | BT 699           | , , ,   |    | 20  | 9        | 4   |     |          |    |          |    |    |     |    |    |    |   | 39          |                        | Yes       |
| 51       | BT 700           | M. Tech Project II (MTP II)   |    | 8   | 2        |     |     |          |    |          |    |    |     |    |    |    |   | 10          | Forwarded              | Yes       |
| 52       | CE 101           | M. Tech Project I (MTP I) Engineering Drawing                           | 2  | 150 | 2<br>413 | 290 | 107 | 22       | 10 |          |    |    |     |    |    |    |   | 10<br>996   | Forwarded<br>Forwarded | No        |
| 53       |                  | Solid Mechanics   | 2  |     |          |     |     | ļ        | 12 |          | 1  |    | 1   |    |    |    |   |             |                        |           |
| 54       | CE 202<br>CE 203 |   | 2  | 20  | 36       | 22  | 13  | 6        |    |          |    |    | I . |    |    |    |   | 99          | Forwarded              | No        |
| 55       | CE 203           | Fluid Mechanics   | 2  | 16  | 20       | 30  | 22  | 8        | 12 | 10       |    |    | 2   |    |    |    |   | 98          | Forwarded              | Yes       |
| 56       |                  | Engineering Geology   | 2  | 10  | 15       | 19  | 10  | 18       | 13 | 10       |    |    | 3   |    |    |    |   |             | Forwarded              | No        |
| 57       | CE 208           | Engineering Geology Lab   | 6  | 37  | 38       | 13  | 4   | '        | 12 | 1        | 1  |    |     |    |    |    |   | 99          | Forwarded              | No        |
| 58       | CE 211           | Civil Engineering Materials   |    | 3   | 18       | 19  | 26  | 15       | 13 | 4        |    |    |     |    |    |    |   | 99          | Forwarded              | No        |
| 59       | CE 212           | Civil Engineering Materials Laboratory                                  |    | 36  | 23       | 27  | 9   | 3        |    |          | 1  |    |     |    |    |    |   | 99          | Forwarded              | Yes       |
| 60       | CE 214           | Fluid Mechanics Lab   |    | 40  | 53       | 5   | 04  | 7        | 1  |          |    |    |     |    |    |    |   | 98          | Forwarded              | Yes       |
| 61       | CE 302<br>CE 303 | Structural Analysis II  | 2  | 8   | 21       | 48  | 21  | <u> </u> | 1  | 4        |    |    |     |    |    |    |   | 106<br>106  | Forwarded              | No        |
| 62       |                  | Geotechnical Engg. II   | 3  | 3   | 31       | 31  | 16  | 15       | 3  | <u> </u> |    |    |     |    |    |    |   |             | Forwarded              | No        |
| 63       | CE 304           | Transportation Engg. I  |    | 2   | '        | 39  | 37  | 15       | 3  | 3        |    |    |     |    |    |    |   | 106         | Forwarded              | No        |
| 64       | CE 305           | Reinforced Concrete Design  |    | 11  | 16       | 23  | 19  | 22       | 10 | 5        |    |    |     |    |    |    |   | 106         | Forwarded              | No        |
| 65       | CE 313           | Geotechnical Engineering II Lab   |    | 4   | 2        | 53  | 43  | 9        |    |          |    |    |     |    |    |    |   | 107         | Forwarded              | No        |
| 66       | CE 314           | Transportation Engineering I Lab  |    | 4   | 51       | 44  | 5   | <u>'</u> | 7  |          |    |    |     |    |    |    |   | 105         | Forwarded              | Yes       |
| 67       | CE 316           | Environmental Engineering II  |    | 8   | 22       | 35  | 28  | 8        | /  | 3        |    |    |     |    |    |    |   | 111         | Forwarded              | No        |
| 68       | CE 402           | Design Project  |    | _   | 5        | 11  | 28  | 32       | 22 | 2        |    |    |     |    |    |    |   | 100         | Forwarded              | No        |
| 69       | CE 415           | Prestressed Concrete and Industrial Structures                          |    | /   | 28       | 36  | 24  |          |    |          |    |    |     |    |    |    |   | 95          | Forwarded              | No        |
| 70       | CE 416           | Bridge Engineering  |    | 2   | 1        | 1   |     |          |    |          |    |    | 1   |    |    |    |   | 5           | Forwarded              | No        |
| 71       | CE 498           | Project   |    | 26  | 33       | 19  | 7   | 3        |    |          |    |    |     | 11 |    |    |   | 99          | Forwarded              | No        |
| 72       | CE 499           | BTP Phase II  |    |     |          |     |     |          |    |          |    |    |     | 1  |    |    |   | 1           | Forwarded              | No        |
| 73       | CE 501           | Continuum Mechanics   |    | 10  | 7        | 9   | 8   | 1        | 1  |          |    |    |     |    |    | 1  |   | 37          | Forwarded              | Yes       |
| 74       | CE 502           | Finite Element Methods  |    | 9   | 10       | 11  | 8   |          |    |          |    |    | 1   |    |    | 1  |   | 40          | Forwarded              | No        |
| 75       | CE 503           | Structural Dynamics   |    | 7   | 7        | 7   | 8   | 5        |    |          | 1  |    |     |    |    |    |   | 35          | Forwarded              | No        |
| 76       | CE 512           | Structural Engineering Laboratory                                       |    | 5   | 4        | 8   | 7   | 2        | 4  |          | 1  |    |     |    |    |    |   | 31          | Forwarded              | No        |
| 77       | CE 514           | Plates, Shells and Elastic Stability                                    |    | 3   |          | 1   |     |          |    |          |    |    |     |    |    |    |   | 4           | Forwarded              | Yes       |
| 78       | CE 522           | Physico Chemical Processes in Environmental Engineering                 |    | 3   | 4        | 3   | 7   | 4        | 2  |          | 1  |    | 1   | 1  |    |    |   | 26          | Forwarded              | No        |
| 79       | CE 523           | Air and Noise Pollution   |    | 3   | 6        | 9   | 3   |          | 1  |          |    |    | 1   |    |    |    |   | 23          | Forwarded              | Yes       |
| 80       | CE 527           | Design of Environmental Engineering Systems                             |    |     |          | 3   | 13  | 1        |    | 1        |    |    |     |    |    |    |   | 18          | Forwarded              | No        |
| 81       | CE 531           | Advanced Soil Mechanics   |    | 5   | 4        | 8   | 5   | 4        |    |          |    |    |     |    |    |    |   | 26          | Forwarded              | No        |
| 82       | CE 532           | Dynamics of Soil and Foundations  |    | 3   | 10       | 9   | 5   |          |    |          |    |    |     |    |    |    |   | 27          | Forwarded              | No        |
| 83       | CE 541           | Infrastructure Planning   |    |     | 3        | 5   | 2   | 2        |    |          |    |    |     |    |    |    |   | 12          | Forwarded              | No        |
| 84       | CE 542           | Project Management in Construction                                      |    | 1   | 4        | 3   | 2   |          |    |          |    |    |     |    |    |    |   | 10          | Forwarded              | Yes       |
| 85       | CE 543           | Infrastructure Projects - Construction Methods and Equipment Management |    | 3   | 4        | 4   | 2   |          |    |          |    |    |     |    |    |    |   | 13          | Forwarded              | Yes       |
| 86       | CE 549           | Project and Thesis Phase-I  | 4  | 10  | 3        | 4   |     |          |    |          |    |    |     |    |    |    |   | 21          | Forwarded              | No        |
| 00       | JL 070           | Trojostana modernace i  | -  | '0  | Ĭ        | 1   |     |          |    |          |    |    |     |    |    |    |   |             | · OI WAI UCU           | 110       |

| Second Content   Seco | SI. No. | Course Code | Course Name                                 | AS | AA  | AB  | BB       | BC  | CC  | CD  | DD | FA | FD | FP | I | NP | PP | X | Grand Total | HoD Forwarded | Hard Copy |
|--|---------|-------------|---|----|-----|-----|----------|-----|-----|-----|----|----|----|----|---|----|----|---|-------------|---------------|-----------|
| 1  |         |             |   |    |     |     |          |     |     |     |    |    |    |    |   |    |    |   |             |               |           |
| 1  |         |             |   |    |     |     |          |     |     |     |    |    |    |    |   |    |    |   |             |               |           |
| 18   | 87      |             |   |    | 4   | 5   | 6        | 7   | 1   |     |    |    |    |    |   |    |    |   |             | Forwarded     | No        |
| Big   C   594   Statemat Cyantomy   S   5   11   70   5   5   71   70   70   70   70   70   70   70  | 88      |             |   |    | 7   | 5   | 6        | 4   |     |     | 1  |    |    |    |   |    |    |   |             |               |           |
|  |         |             |   |    |     | 1   | <u> </u> |     | 5   | 1   | 1  |    |    |    |   |    |    |   |             |               |           |
| 2  | 90      |             |   |    | 5   | 11  | 10       | 5   |     |     |    |    |    |    |   |    |    |   |             | Forwarded     |           |
| Second   Properties Materians   1   3   5   7   2   3   5   7   2   3   5   7   7   2   3   7   7   7   7   7   7   7   7   7  | 91      |             | · · · · · · · · · · · · · · · · · · ·       |    | 8   | 7   | 4        |     |     |     |    | 1  |    |    |   |    |    |   |             |               |           |
| Second   S | 92      |             |   |    | 8   | 1   | 4        | 2   | 2   | 4   | 1  |    |    |    |   |    |    |   |             | Forwarded     |           |
| Secondary   Seco | 93      |             |   | 1  | 3   | 5   | 7        | 2   | 3   |     |    |    |    |    |   |    |    |   | 21          | Forwarded     |           |
|  | 94      |             | •   |    | 3   | 3   | 4        |     | 1   |     |    |    |    |    |   |    |    |   |             | Forwarded     |           |
| Section   CESSI   Advanced Remote Surseing   Section   |         |             |   |    | 1   | 5   | 6        |     |     |     |    |    |    |    | 1 |    |    |   |             |               | Yes       |
| 65   65   65   March Project-Preset   1   7   3   5   1   1   5   5   5   5   5   5   5  | 96      |             | ·   |    |     | 1   | 6        | 5   |     |     |    | 1  |    |    |   | 1  |    |   | 14          | Forwarded     |           |
|  | 97      | CE 593      |   |    | 1   | 4   | 4        | 1   | 2   | 1   |    | 1  |    |    |   |    |    |   | 14          | Forwarded     | YES       |
| 100   CE 642   Subsurface Investigation and Instrumentation   3   7   20   22   12   12   12   13   14   15   15   15   17   17   18   18   18   18   18   18  | 98      | CE 598      | MTech Project- Phase I                      |    | 7   | 3   |          | 1   |     |     |    |    |    |    |   |    |    |   | 11          | Forwarded     | No        |
|  | 99      | CE 601      | Numerical Methods                           |    | 1   | 3   | 2        | 6   | 3   | 4   | 6  |    |    |    |   |    | 1  |   | 26          | Forwarded     | Yes       |
|  | 100     | CE 642      | Subsurface Invstigation and Instrumentation | 3  | 17  | 20  | 22       | 12  |     |     |    | 1  |    |    |   |    |    |   | 75          | Forwarded     | Yes       |
|  |         |             |   |    |     |     |          |     |     |     |    |    |    |    |   |    |    |   |             |               |           |
| 103   C. 662   Projection Remote Sensing   | 101     | CE 650      | Geotechnical Practice for Waste Disposal    |    | 3   | 2   |          |     |     |     |    |    |    |    |   |    |    |   | 5           | Forwarded     | No        |
| 104   CE 689   | 102     | CE 651      | Road Safety Engineering                     |    | 3   | 6   | 6        | 4   | 2   | 1   |    |    |    |    |   |    |    |   | 22          | Forwarded     | No        |
| 105  | 103     | CE 652      | Precision Remote Sensing                    |    |     | 1   | 7        | 4   | 2   |     |    |    |    |    | 1 |    |    |   | 15          | Forwarded     | Yes       |
| 106   CE 892   Project & Thesis Phasel   | 104     | CE 669      | Advanced Mathematics for Engineers          |    | 4   | 5   | 1        |     | 4   | 1   |    |    |    |    |   |    |    |   | 15          | Forwarded     | No        |
| 107   CE 694   MTech Project   No   No   No   No   No   No   No   N  | 105     | CE 690      | Project and Thesis Phase-I                  |    | 13  | 4   |          |     |     |     |    |    |    |    |   |    |    |   | 17          | Forwarded     | No        |
| 108   CE 696   Project and Thesis Phase - I  | 106     | CE 692      | Project & Thesis Phasel                     |    | 11  | 3   | 1        |     |     |     |    |    |    |    | 4 |    |    |   | 19          | Forwarded     | No        |
| 100   CE 698   | 107     | CE 694      | MTech Project-I                             |    | 3   | 3   | 1        |     |     |     |    |    |    |    | 1 |    |    |   | 8           | Forwarded     | No        |
| The content of the  | 108     | CE 696      | Project and ThesisPhase - I                 |    | 11  | 8   | 2        |     |     |     |    |    |    |    |   |    |    |   | 21          | Forwarded     | No        |
| 111   111   111   111   112   113  | 109     | CE 698      | MTech Project-I                             |    | 8   | 6   | 4        | 1   |     |     |    |    |    |    | 7 |    |    |   | 26          | Forwarded     | No        |
| 112   CH 212   Inorganic Chemistry   Inorg | 110     | CH 101      | Chemistry                                   | 3  | 126 | 168 | 200      | 122 | 175 | 142 | 2  |    | 1  |    |   |    |    |   | 939         | Forwarded     | No        |
| 113   CH 221   Organic Chemistry   CH 231   Organic Chemistry   CH 231   Introduction to Quantum Chemistry   CH 231   Introduction to Quantum Chemistry   CH 231   CH 231   CH 231   Introduction to Quantum Chemistry   CH 231    | 111     | CH 110      | Chemistry Laboratory                        |    | 416 | 472 | 43       | 6   |     |     |    | 4  |    |    |   |    |    |   | 941         | Forwarded     | No        |
| 114   CH 231   | 112     | CH 212      | Inorganic Chemistry                         |    | 1   | 4   | 11       | 11  | 15  | 8   | 5  | 1  |    | 1  |   |    |    |   | 57          | Forwarded     | No        |
| 115   CH 301   Environmental Chemistry   1   15   24   11   4   1   4   1   4   1   5   1   5   5   Forwarded   No   No   116   CH 302   Technical Report Presentation   11   12   12   12   7   1   1   1   1   1   1   1   1   1   | 113     | CH 221      | Organic Chemistry                           |    | 3   | 6   | 6        | 7   | 7   | 10  | 18 | 1  |    |    |   |    |    |   | 58          | Forwarded     | No        |
| Technical Report Presentation   11   22   12   7   1   1   1   1   1   1   1   1   1   | 114     | CH 231      | Introduction to Quantum Chemistry           | 1  | 2   | 13  | 7        | 12  | 7   | 13  | 1  | 1  |    |    |   |    |    |   | 57          | Forwarded     | No        |
| 117   CH 314   Chemical Technology Lab II  | 115     | CH 301      | Environmental Chemistry                     | 1  | 15  | 24  | 11       | 4   |     |     |    |    |    |    |   |    |    |   | 55          | Forwarded     | No        |
| 118         CH 316         Frontiers of Coordination Chemistry         1         16         19         8         9         1         0         1         1         16         19         8         9         1         0         0         0         54         Forwarded         No           119         CH 331         Chemical Kinetics and Electrochemistry         0         6         8         12         11         11         5         1         0         0         54         Forwarded         No           120         CH 401         Modern Chemical Technology         0         5         13         18         14         7         0         0         0         57         Forwarded         No           121         CH 410         Chemistry of p- and d-Block Elements         2         13         18         18         5         1         1         1         1         5         7         10         1         1         1         5         5         11         14         10         2         0         0         9         5         6         11         1         1         1         1         1         2         1         1         1   | 116     | CH 302      | Technical Report Presentation               |    | 11  | 22  | 12       | 7   | 1   | 1   |    |    |    |    |   |    |    |   | 54          | Forwarded     | No        |
| 119   CH 331   Chemical Kinetics and Electrochemistry  | 117     | CH 314      | Chemical Technology Lab II                  |    | 25  | 27  | 2        |     |     |     |    |    |    |    |   |    |    |   | 54          | Forwarded     | No        |
| 120   CH 401   Modern Chemical Technology   S   13   18   14   S   7   S   S   S   S   S   S   S   S   | 118     | CH 316      | Frontiers of Coordination Chemistry         | 1  | 16  | 19  | 8        | 9   | 1   |     |    |    |    |    |   |    |    |   | 54          | Forwarded     | No        |
| CH 410   Chemistry of p- and d-Block Elements   2   13   18   18   5   1   1   1   1   2   2   2   3   48   Forwarded   No   No   122   CH 417   Organometallic Chemistry   Organomet | 119     | CH 331      | Chemical Kinetics and Electrochemistry      |    | 6   | 8   | 12       | 11  | 11  | 5   | 1  |    |    |    |   |    |    |   | 54          | Forwarded     | No        |
| 122         CH 417         Organometallic Chemistry         1         5         5         11         14         10         2         8         8         48         Forwarded         No           123         CH 420         Principles of Organic Chemistry         7         17         26         7         1         8         1         8         59         Forwarded         No           124         CH 426         Green Chemistry and Technology         5         44         52         52         40         37         13         2         2         2         1         248         Forwarded         No           125         CH 427         Medicinal Chemistry         8         2         1         8         8         9         5         9         Forwarded         No           126         CH 429         Petroleums and Petrochemicals         4         11         15         41         26         20         5         3         9         1         125         Forwarded         No           127         CH 430         Quantum Chemistry         6         17         20         13         1         1         1         1         59         Forwarded   | 120     | CH 401      | Modern Chemical Technology                  |    | 5   | 13  | 18       | 14  |     | 7   |    |    |    |    |   |    |    |   | 57          | Forwarded     | No        |
| 123         CH 420         Principles of Organic Chemistry         7         17         26         7         1         1         1         1         1         1         5         59         Forwarded         No           124         CH 426         Green Chemistry and Technology         5         44         52         52         40         37         13         2         2         1         248         Forwarded         No           125         CH 427         Medicinal Chemistry         8         2         1         8         8         9         9         125         9         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         3         1         1         2         1         1         2         1         1         2         1         1         2         1         1         2         1         1         1         1         1         1         1         1         1   | 121     | CH 410      | Chemistry of p- and d-Block Elements        | 2  | 13  | 18  | 18       | 5   | 1   |     | 1  | 1  |    |    |   |    |    |   | 59          | Forwarded     | No        |
| 124       CH 426       Green Chemistry and Technology       5       44       52       52       40       37       13       2       2       1       248       Forwarded       No         125       CH 427       Medicinal Chemistry       2       1       2       1       1       1       1       248       Forwarded       No         126       CH 429       Petroleums and Petrochemicals       4       11       15       41       26       20       5       3       1       1       125       Forwarded       No         127       CH 430       Quantum Chemistry       6       17       20       13       1       1       1       5       9       Forwarded       No         128       CH 431       Group Theory and Spectroscopy       6       4       7       17       11       1       7       1       1       5       59       Forwarded       No         129       CH 435       Physical Chemistry Laboratory       33       17       8       2       3       1       1       1       1       59       Forwarded       No         130       CH 498       Project - I       7       1  | 122     | CH 417      | Organometallic Chemistry                    | 1  | 5   | 5   | 11       | 14  | 10  | 2   |    |    |    |    |   |    |    |   | 48          | Forwarded     | No        |
| 125   CH 427   Medicinal Chemistry   | 123     | CH 420      | Principles of Organic Chemistry             |    | 7   | 17  | 26       | 7   | 1   |     |    | 1  |    |    |   |    |    |   | 59          | Forwarded     | No        |
| 126   CH 429   Petroleums and Petrochemicals   4   11   15   41   26   20   5   3  | 124     | CH 426      | Green Chemistry and Technology              | 5  | 44  | 52  | 52       | 40  | 37  | 13  | 2  |    | 2  |    |   |    |    | 1 | 248         | Forwarded     | No        |
| 127         CH 430         Quantum Chemistry         6         17         20         13         1         1         1         59         Forwarded         No           128         CH 431         Group Theory and Spectroscopy         4         7         17         11         1         1         59         Forwarded         No           129         CH 435         Physical Chemistry Laboratory         33         17         8         -         1         1         59         Forwarded         No           130         CH 498         Project - I         16         19         15         2         3         1         -         1         59         Forwarded         No           131         CH 511         Principles of Bioinorganic Chemistry         11         21         13         10         3         1         -         -         -         59         Forwarded         No  | 125     | CH 427      | Medicinal Chemistry                         | 1  |     | 2   | 1        |     |     |     |    |    |    |    |   |    |    |   | 3           | Forwarded     | No        |
| 128         CH 431         Group Theory and Spectroscopy         4         7         17         11         11         7         1         1         59         Forwarded         No           129         CH 435         Physical Chemistry Laboratory         33         17         8         1         1         1         59         Forwarded         No           130         CH 498         Project - I         16         19         15         2         3         1         55         Forwarded         No           131         CH 511         Principles of Bioinorganic Chemistry         11         21         13         10         3         1         1         59         Forwarded         No   | 126     | CH 429      | Petroleums and Petrochemicals               | 4  | 11  | 15  | 41       | 26  | 20  | 5   | 3  |    |    |    |   |    |    |   | 125         | Forwarded     | No        |
| 129         CH 435         Physical Chemistry Laboratory         33         17         8         1         1         59         Forwarded         No           130         CH 498         Project - I         16         19         15         2         3         1         55         Forwarded         No           131         CH 511         Principles of Bioinorganic Chemistry         11         21         13         10         3         1         59         Forwarded         No   | 127     | CH 430      | Quantum Chemistry                           | 1  | 6   | 17  | 20       | 13  | 1   |     | 1  |    |    |    |   |    |    | 1 | 59          | Forwarded     | No        |
| 130         CH 498         Project - I         16         19         15         2         3         55         Forwarded         No           131         CH 511         Principles of Bioinorganic Chemistry         11         21         13         10         3         1         59         Forwarded         No  | 128     | CH 431      | Group Theory and Spectroscopy               | 1  |     | 4   | 7        | 17  | 11  | 11  | 7  | 1  |    | 1  |   |    |    |   | 59          | Forwarded     | No        |
| 131 CH 511 Principles of Bioinorganic Chemistry 11 21 13 10 3 1 59 Forwarded No  | 129     | CH 435      | Physical Chemistry Laboratory               | 1  | 33  | 17  | 8        |     |     |     |    | 1  |    |    |   |    |    |   | 59          | Forwarded     | No        |
|  | 130     | CH 498      | Project - I                                 | 1  | 16  | 19  | 15       | 2   |     | 3   |    |    |    |    |   |    |    |   | 55          | Forwarded     | No        |
| 132 CH 515 Inorganic Chemistry Laboratory 33 26 59 Forwarded No  | 131     | CH 511      | Principles of Bioinorganic Chemistry        | 1  | 11  | 21  | 13       | 10  | 3   | 1   |    |    |    |    |   |    |    |   | 59          | Forwarded     | No        |
|  | 132     | CH 515      | Inorganic Chemistry Laboratory              | 1  | 33  | 26  |          |     |     |     |    |    |    |    |   |    |    |   | 59          | Forwarded     | No        |

| SI. No. | Course Code | Course Name   | AS       | AA | AB    | BB | BC | CC | CD | DD | FA | FD       | FP | I  | NP | PP | Х | Grand Total | HoD Forwarded | Hard Copy |
|---------|-------------|---|----------|----|-------|----|----|----|----|----|----|----------|----|----|----|----|---|-------------|---------------|-----------|
|         |             |   |          |    |       |    |    |    |    |    |    |          |    |    |    |    |   |             |               |           |
| 133     | CH 520      | Concepts in Organic Synthesis                                 |          | 15 | 25    | 5  | 6  | 3  | 2  | 3  |    |          |    |    |    |    |   | 59          | Forwarded     | No        |
| 134     | CH 521      | Bio-organic Chemistry   |          | 20 | 17    | 11 | 9  | 2  | ┼  |    |    |          |    |    |    |    |   | 59          | Forwarded     | No        |
| 135     | CH 530      | Classical and Statistical Thermodynamics                      | 1        | 9  | 13    | 17 | 11 | 8  |    |    |    |          |    |    |    |    |   | 59          | Forwarded     | No        |
| 136     | CH 601      | Physical Methods in Chemistry                                 | <u> </u> | 12 | 16    | 17 | 7  | +  |    |    |    |          |    |    |    |    |   | 52          | Forwarded     | No        |
| 137     | CH 626      | Art in Organic Synthesis                                      |          | 19 | 11    | 7  | 8  | 3  |    |    |    |          |    |    |    |    |   | 48          | Forwarded     | No        |
| 138     | CH 633      | Chemical Applications of Group Theory                         |          | '  | ļ · · | +  | 2  | 1  |    | 1  | 3  |          |    |    |    |    |   | 7           | Forwarded     | No        |
| 139     | CH 634      | Time dependent Quantum Mechanics                              |          | 1  |       | 2  | 1  | 1  |    |    |    |          |    |    |    |    |   | 4           | Forwarded     | No        |
| 140     | CH 637      | Computational Methods in Chemistry                            |          |    |       |    | 3  |    |    |    |    |          |    |    |    |    |   | 3           | Forwarded     | No        |
| 141     | CH 645      | Scientific Writing and Presentation                           |          | 3  |       |    | 1  |    |    |    |    | $\vdash$ |    |    |    |    |   | 3           | Forwarded     | No        |
| 142     | CL 201      | Chemical Process Calculation                                  |          | 3  | 15    | 8  | 33 | 31 | 37 | 19 |    | $\vdash$ |    | 1  |    |    |   | 147         | Forwarded     | YES       |
| 143     | CL 202      | Fluid Mechanics   | 1        | 17 | 37    | 57 | 16 | 10 | 4  | 2  | 1  |          |    |    |    |    |   | 145         | Forwarded     | YES       |
| 144     | CL 204      | Heat Transfer   | 2        | 17 | 22    | 22 | 7  | 14 | 6  | 1  |    | $\vdash$ |    |    |    |    |   | 91          | Forwarded     | Yes       |
| 145     | CL 301      | Mass Transfer II  |          | 13 | 17    | 24 | 25 | 7  | 6  | 1  |    |          |    |    |    |    |   | 93          | Forwarded     | Yes       |
| 146     | CL 302      | Chemical Reaction Engineering - II                            |          | 3  | 8     | 18 | 32 | 24 | 7  | 1  |    | $\vdash$ |    |    |    |    |   | 93          | Forwarded     | Yes       |
| 147     | CL 303      | Process Control and Instrumentation                           |          | 3  | 2     | 17 | 24 | 26 | 12 | 8  |    | 1        |    |    |    |    |   | 93          | Forwarded     | Yes       |
| 148     | CL 310      | Solid Fluid Operations Laboratory                             |          | 15 | 28    | 29 | 20 | 1  |    |    |    |          |    |    |    |    |   | 93          | Forwarded     | Yes       |
| 149     | CL 311      | Technical Writing and Presentation                            | 2        | 20 | 33    | 24 | 14 | 1  | 1  |    |    |          |    |    |    |    |   | 94          | Forwarded     | Yes       |
| 150     | CL 398      | General Learning of Chemical Engineering Research Project - I |          | 4  | 1     | +  | 1  |    | 1  |    |    |          |    |    |    |    |   | 5           | Forwarded     | Yes       |
|         |             | g is g is a g   |          |    |       |    |    |    |    |    |    |          |    |    |    |    |   |             |               |           |
| 151     | CL 498      | Project I   |          | 17 | 14    | 15 | 5  | 3  | 2  | 1  |    |          |    | 2  |    |    |   | 59          | Forwarded     | YES       |
| 152     | CL 501      | Advanced Transport Phenomena                                  |          | 4  | 5     | 9  | 7  | 9  | 6  | 5  |    |          | 1  |    |    |    |   | 46          | Forwarded     | YES       |
| 153     | CL 502      | Computer Aided Numerical Methods                              |          | 1  | 6     | 11 | 13 | 10 | 4  |    |    |          |    | 1  |    |    |   | 46          | Forwarded     | YES       |
| 154     | CL 511      | Petroleum Reservoir Engineering                               |          | 3  | 5     | 7  | 7  | 2  |    |    |    |          |    |    |    |    |   | 24          | Forwarded     | Yes       |
| 155     | CL 512      | Petroleum Refinery Engineering                                |          | 3  | 5     | 10 | 3  | 2  |    |    |    |          |    |    |    |    |   | 23          | Forwarded     | YES       |
| 156     | CL 513      | Characterization of Materials                                 |          | 1  | 9     | 7  | 8  | 1  |    |    |    |          | 3  |    |    |    |   | 29          | Forwarded     | Yes       |
| 157     | CL 612      | Colloid and Interface Science                                 |          | 6  | 9     | 17 | 21 | 14 | 8  |    |    |          | 1  |    |    |    |   | 76          | Forwarded     | YES       |
| 158     | CL 614      | Fluidization Engineering                                      |          | 6  | 18    | 49 | 21 | 8  | 4  | 1  |    | 1        |    |    |    |    |   | 108         | Forwarded     | YES       |
| 159     | CL 623      | Polymer Science and Technology                                |          | 23 | 36    | 58 | 38 | 2  |    |    |    |          |    |    |    |    |   | 157         | Forwarded     | No        |
| 160     | CL 629      | Membranes   |          | 3  | 5     | 2  | 13 | 10 | 8  |    |    |          |    | 2  | 1  |    |   | 44          | Forwarded     | YES       |
| 161     | CL 630      | Composites Materials  | 1        | 5  | 3     | 4  | 5  | 15 | 8  |    |    |          | 1  |    |    |    |   | 42          | Forwarded     | YES       |
| 162     | CL 634      | Applied Rheology  |          | 2  | 6     | 2  |    |    |    |    |    |          |    |    |    |    |   | 10          | Forwarded     | Yes       |
| 163     | CL 635      | Advanced Clean Fuel Technologies                              | 2        | 2  | 1     | 3  | 2  |    |    |    |    |          |    |    |    |    |   | 10          | Forwarded     | Yes       |
| 164     | CL 636      | Microelectronic fabrication                                   |          | 2  | 1     | 1  |    |    |    |    |    |          |    |    |    | 1  |   | 5           | Forwarded     | YES       |
| 165     | CL 640      | Research Methodology and Scientific Writing                   |          | 2  | 3     | 8  | 5  |    |    |    |    |          |    |    |    |    |   | 18          | Forwarded     | Yes       |
|         |             |   |          |    |       |    |    |    |    |    |    |          |    |    |    |    |   |             |               |           |
| 166     | CL 643      | Computer aided applied optimization                           | 4        | 12 | 16    | 16 | 11 | 9  | 4  | 3  |    |          |    | 11 |    |    |   | 86          | Forwarded     | YES       |
| 167     | CL 645      | Applied Statistics for chemical engineers                     |          | 2  | 1     | 3  | 1  |    |    |    |    |          | 1  |    |    |    |   | 8           | Forwarded     | YES       |
| 168     | CL 652      | Process Modelling and simulation lab                          |          | 5  | 2     |    | †  | †  | †  |    | 1  |          |    |    |    |    |   | 8           | Forwarded     | YES       |
| 169     | CL 655      | Enhanced Oil Recovery   |          | 3  |       | 1  | 4  | 1  |    |    |    |          |    |    | 1  |    |   | 10          | Forwarded     | Yes       |
| 170     | CL 698      | Project   |          | 27 | 20    | 13 | 4  | 1  | 1  |    |    |          |    | 1  |    |    |   | 66          | Pending       | YES       |
| 171     | CS 201      | Discrete Mathematics  |          | 1  | 14    | 28 | 39 | 15 | 16 | 3  |    |          | 9  | 1  |    |    | 1 | 126         | Forwarded     | YES       |
| 172     | CS 203      | Algorithms and Data Structures                                |          | 5  | 17    | 20 | 16 | 33 | 14 | 15 |    |          | 18 |    |    | 1  |   | 139         | Forwarded     | YES       |
| 173     | CS 204      | Algorithms and Data Structures Laboratory                     |          | 12 | 23    | 16 | 21 | 28 | 12 | 15 |    |          | 4  |    |    |    |   | 131         | Forwarded     | YES       |
| 174     | CS 205M     | Theoretical Foundations of Computer Science                   |          | 3  | 14    | 23 | 10 | 1  | 1  | 1  |    |          |    |    |    |    |   | 51          | Forwarded     | YES       |
|         |             | -   |          |    |       |    |    |    |    |    |    |          |    |    |    |    |   |             |               |           |
| 175     | CS 221      | Digital Design  |          | 16 | 28    | 38 | 41 | 24 | 27 | 13 |    |          | 23 |    |    |    |   | 210         | Forwarded     | No        |
| 176     | CS 242      | System Software Laboratory                                    |          | 22 | 98    | 3  | 2  | 1  |    | 1  |    |          |    |    |    |    |   | 127         | Forwarded     | YES       |

| SI. No. | Course Code | Course Name                                | AS | AA   | AB | BB | ВС | CC   | CD  | DD           | FA       | FD | FP           | I | NP | PP | Х        | Grand Total   | HoD Forwarded | Hard Copy |
|---------|-------------|--|----|------|----|----|----|------|-----|--------------|----------|----|--------------|---|----|----|----------|---------------|---------------|-----------|
|         |             |  |    |      |    |    |    |      |     |              |          |    |              |   |    |    |          |               |               |           |
| 477     | 22.2221     |  |    |      |    |    |    |      |     |              |          |    |              |   |    |    |          | 40            |               | 7/20      |
| 177     | CS 322M     | Digital Logic and Computer Architecture    |    | 3    | 2  | 3  | 9  | 11   | 11  | 1            | 4        |    | 2            |   |    |    |          | 46            | Forwarded     | YES       |
| 178     | CS 341      | Computer Networks                          |    | 1    | 19 | 39 | 40 | 28   | 32  | 30           | 1        | 1  | 17           |   |    |    |          | 208           | Forwarded     | YES       |
| 179     | CS 342      | Computer Networks Laboratory               |    | 44   | 65 | 44 | 23 | 21   | 6   |              | ļ.,      |    | 2            |   |    |    |          | 205           | Forwarded     | YES       |
| 180     | CS 343      | Operating Systems                          | 3  | 23   | 45 | 22 | 44 | 32   | 13  | 22           | 1        |    |              |   |    |    |          | 205           | Forwarded     | YES       |
| 181     | CS 344      | Operating Systems Lab.                     |    |      | 14 | 66 | 84 | 26   | 10  | 4            | <u> </u> |    | 1            |   |    |    |          | 205           | Forwarded     | No        |
| 182     | CS 441M     | Software Engineering                       |    | 1    |    | 6  | 7  | 9    | 8   | 5            | <u> </u> |    | 4            |   | 1  |    |          | 41            | Forwarded     | YES       |
| 183     | CS 498      | B Tech Project-I                           |    | 10   | 30 | 17 | 8  |      | ļ., |              | <u> </u> |    | 1            | 2 |    |    |          | 68            | Forwarded     | YES       |
| 184     | CS 499      | Project II                                 |    | ļ    |    |    |    |      | 1   |              | <u> </u> |    |              | 1 |    |    |          | 2             | Forwarded     | YES       |
| 185     | CS 502      | Computational Geometry                     |    | 1    | 2  | 3  | ļ  | ļ.,_ | 1   | <u> </u>     |          |    |              |   |    |    |          | 6             | Forwarded     | YES       |
| 186     | CS 512      | Design and Analysis of Algorithms          |    | 3    | 6  | 12 | 13 | 19   | 3   | 7            |          |    | 6            |   |    |    |          | 69            | Forwarded     | YES       |
| 187     | CS 513      | Data Structures Lab                        |    | 23   | 23 | 20 | 8  |      | 1   |              |          |    | 1            |   |    |    |          | 76            | Forwarded     | Yes       |
| 188     | CS 514      | Mathematics for Computer Science           |    | 1    | 10 | 29 | 20 | 16   | 13  | 6            |          |    | 1            |   |    |    |          | 96            | Forwarded     | YES       |
| 189     | CS 522      | Embedded Systems                           |    | 7    | 22 | 27 | 14 | 18   | 15  | 3            |          |    | 1            |   |    |    |          | 107           | Forwarded     | YES       |
| 190     | CS 525      | Formal Methods For System Verification     |    | 12   | 23 | 27 | 27 | 14   | 16  | 10           |          |    | 6            |   |    |    |          | 135           | Forwarded     | Yes       |
| 191     | CS 535      | Hardware Security                          |    | 5    | 10 | 12 | 7  | 5    |     | 2            |          |    | 1            |   |    | 1  |          | 43            | Forwarded     | Yes       |
| 192     | CS 549      | Computer and Network Security              | 1  | 5    | 3  | 1  | 15 | 4    | 7   | 1            |          |    |              |   | 2  | 1  |          | 40            | Forwarded     | Yes       |
| 193     | CS 566      | Speech Processing                          |    | 11   | 12 | 18 | 12 | 6    | 4   | 6            |          |    | 1            |   |    |    |          | 70            | Forwarded     | Yes       |
| 194     | CS 578      | Internet of Things                         |    | 4    | 10 | 9  | 11 | 6    | 5   | 3            | 1        |    | 7            |   |    |    |          | 56            | Forwarded     | Yes       |
| 195     | CS 590      | Deep Learning                              |    | 24   | 57 | 87 | 94 | 2    |     |              |          |    | 2            |   |    |    |          | 266           | Forwarded     | Yes       |
| 196     | CS 666      | Mobile Robotics                            |    | 5    | 7  | 5  | 3  |      |     |              |          |    |              |   |    |    |          | 20            | Forwarded     | YES       |
| 197     | CS 698      | Project I                                  |    | 4    | 20 | 16 | 14 | 5    | 2   |              |          |    | 1            | 5 |    |    |          | 67            | Forwarded     | Yes       |
| 198     | CS 699      | Project II                                 |    |      |    |    | 1  |      |     |              |          |    |              | 1 |    |    |          | 2             | Forwarded     | YES       |
| 199     | DA 211      | Algorithms and Data Structure              |    | 5    | 5  | 9  | 8  | 4    | 1   |              |          |    | 1            |   | 4  |    |          | 37            | Forwarded     | Yes       |
| 200     | DA 212      | Algorithms and Data Structure Lab          |    | 6    | 7  | 12 | 5  | 3    |     |              |          |    |              |   |    |    |          | 33            | Forwarded     | YES       |
| 201     | DA 231      | Introduction to Data Science               |    | 4    | 8  | 8  | 5  | 5    |     | 3            |          |    |              |   |    |    |          | 33            | Forwarded     | No        |
| 202     | DA 241      | Statistical Foundations for Data Science   |    | 2    | 4  | 6  | 4  | 7    | 5   |              |          |    | 5            |   |    | 3  |          | 36            | Forwarded     | Yes       |
| 203     | DA 241M     | Mathematical Foundations of Data Science   | 1  | 5    | 8  | 17 | 10 | 2    | 2   | 1            |          |    |              |   |    | 1  |          | 47            | Forwarded     | Yes       |
| 204     | DA 242      | Discrete Mathematics                       |    | 1    | 1  | 8  | 12 | 3    | 4   | 4            |          |    |              |   |    |    |          | 33            | Forwarded     | YES       |
| 205     | DA 251      | Signals , Systems & Networks               |    | 4    | 8  | 8  | 4  |      | 4   | 3            |          |    | 2            |   |    |    |          | 33            | Forwarded     | Yes       |
| 206     | DA 311      | Machine Learning Laboratory                |    | 6    | 8  | 6  | 1  |      | 1   |              |          |    |              |   |    |    |          | 22            | Forwarded     | YES       |
| 207     | DA 321      | Multi-modal Data Processing & Learning - I |    | 1    | 5  | 6  | 4  | 4    | 2   |              |          |    |              |   |    |    |          | 22            | Forwarded     | YES       |
| 208     | DA 321M     | Machine Learning                           |    | 4    | 8  | 11 | 11 | 6    | 2   | 2            | 1        |    | 3            |   |    |    |          | 47            | Forwarded     | YES       |
| 209     | DA 322      | Machine Learning                           |    | 6    | 4  | 8  | 2  | 1    | 1   | 1            | 1        |    |              |   |    |    |          | 22            | Forwarded     | No        |
| 210     | DA 331      | Big Data Analytics : Tools & Techniques    | 1  | 6    | 10 | 12 | 10 | 2    |     |              |          |    |              |   |    | 2  |          | 42            | Forwarded     | YES       |
| 211     | DA 341      | Applied Time Series Analysis               |    | 3    | 5  | 4  | 9  | 3    | 2   | 1            | 1        |    |              |   |    |    |          | 27            | Forwarded     | No        |
| 212     | DA 351      | Computer Systems                           |    | 1    | 1  | 7  | 6  | 6    | 4   |              |          |    |              |   |    |    |          | 25            | Forwarded     | Yes       |
| 213     | DA 511H     | Data Structures and Algorithms             |    | 8    | 7  | 3  |    |      |     |              |          |    | 2            |   |    | 2  |          | 22            | Forwarded     | YES       |
| 214     | DA 512H     | Databases                                  |    | 4    | 4  | 3  | 4  | 3    |     |              | +        |    |              |   |    |    |          | 18            | Forwarded     | Yes       |
| 215     | DA 513      | Data structures and Databases Lab          |    | 4    | 6  | 3  | 4  | 1    |     | <del> </del> | 1        |    | 2            |   |    |    |          | 20            | Forwarded     | YES       |
| 216     | DA 514      | Python Programming Lab                     |    | 3    | 6  | 8  | 2  | 1    | +   |              | 1        |    | 2            |   |    |    |          | 22            | Forwarded     | YES       |
| 217     | DD 102      | Representation Techniques                  | 1  | 10   | 12 | 12 | 8  | 9    | 1   | 1            | +        |    | 1            |   |    |    |          | 55            | Forwarded     | Yes       |
| 218     | DD 103      | Elements of Design                         | 1  | 12   | 14 | 14 | 13 | 1    | +   | 1            | +        |    | <del> </del> |   |    |    | +        | 55            | Forwarded     | Yes       |
| 219     | DD 104      | Applied Science for Design                 | 1  | 9    | 9  | 13 | 9  | 8    | 4   | 3            | +        |    |              |   |    |    | -        | 56            | Forwarded     | Yes       |
| 220     | DD 105      | Tinkering studio                           | +  | 1    | 12 | 18 | 14 | 10   | +   | +            | +        |    |              |   |    |    | +        | 55            | Forwarded     | YES       |
| 221     | DD 201      | Form Studies                               |    | 9    | 16 | 17 | 9  | 1    |     |              | 1        |    |              |   |    |    | $\vdash$ | 53            | Forwarded     | Yes       |
| 222     | DD 202      | Photo and Video Communication              | 1  | 17   | 22 | 8  | 4  | +    | +   | 1            | +        | -  | -            |   |    |    | -        | 52            | Forwarded     | Yes       |
| <i></i> | DD 202      | Thoto and video communication              | '  | 1 '' |    | "  | -  | 1    | 1   |              |          |    |              |   |    |    |          | <sup>52</sup> | 1 OIWalucu    | 103       |

| Sl. No. | Course Code | Course Name  | AS | AA | AB | BB | ВС | CC | CD | DD | FA | FD    | FP | 1 | NP | PP | X | Grand Total | HoD Forwarded | Hard Copy |
|---------|-------------|--|----|----|----|----|----|----|----|----|----|-------|----|---|----|----|---|-------------|---------------|-----------|
|         |             |  |    |    |    |    |    |    |    |    |    |       |    |   |    |    |   |             |               |           |
|         |             |  |    |    |    |    |    |    |    |    |    |       |    |   |    |    |   |             |               |           |
| 223     | DD 203      | Materials and Processes                                      | 1  | 10 | 8  | 10 | 11 | 3  | 4  | 5  |    |       |    |   |    |    |   | 52          | Forwarded     | Yes       |
| 224     | DD 204      | Visual Communication Theory                                  |    | 7  | 16 | 20 | 5  | 3  | 1  |    |    |       |    |   |    |    |   | 52          | Forwarded     | Yes       |
| 225     | DD 205      | Ergonomics in Design   |    | 5  | 18 | 16 | 4  | 4  | 5  | 2  |    |       |    |   |    |    |   | 54          | Forwarded     | Yes       |
| 226     | DD 206      | User Research Methods  |    | 16 | 26 | 10 |    |    |    |    |    |       |    |   |    | 1  |   | 53          | Forwarded     | Yes       |
| 227     | DD 216      | BDes Project I   | 1  | 7  | 15 | 13 | 7  | 8  | 2  | 5  |    |       | 3  |   |    |    |   | 61          | Forwarded     | Yes       |
| 228     | DD 301      | Interaction Design   |    |    | 12 | 28 | 7  | 9  | 4  |    |    |       |    |   |    |    |   | 60          | Forwarded     | Yes       |
| 229     | DD 302      | Design Analysis  |    | 13 | 22 | 19 | 7  | 3  |    |    |    |       | 1  |   |    |    |   | 65          | Forwarded     | Yes       |
| 230     | DD 304      | Tangible Interfaces  |    | 27 | 22 | 10 |    | 1  |    |    |    |       |    |   |    |    |   | 60          | Forwarded     | Yes       |
| 231     | DD 310M     | Product Design   |    | 4  | 8  | 3  | 1  |    |    | 2  |    |       |    |   |    |    |   | 18          | Forwarded     | Yes       |
| 232     | DD 321      | Modelling and SImulation Techniques                          |    | 7  | 7  |    |    |    |    |    |    |       |    |   |    | 2  |   | 16          | Forwarded     | Yes       |
| 233     | DD 322      | Animation Fundamentals                                       |    | 4  | 12 | 8  | 4  | 1  |    |    |    |       |    |   |    |    | 6 | 35          | Forwarded     | YES       |
| 234     | DD 398      | BDes Project II  |    |    |    |    |    |    |    |    | 2  |       |    |   |    |    |   | 2           | Forwarded     | Yes       |
| 235     | DD 401      | Design Management  |    | 18 | 18 | 6  | 9  | 1  |    |    | 1  |       |    |   |    |    |   | 53          | Forwarded     | Yes       |
| 236     | DD 402      | Design Research and Technical Writing                        |    | 1  | 4  | 9  | 11 | 16 | 5  | 4  | 1  |       | 1  |   |    |    |   | 52          | Forwarded     | Yes       |
| 237     | DD 410M     | Design Management  |    | 7  | 6  | 4  |    |    |    |    | 2  |       |    |   |    |    |   | 19          | Forwarded     | Yes       |
| 238     | DD 498      | Design Project III   |    | 9  | 19 | 13 | 4  | 1  | 3  | 2  | 2  |       |    |   |    |    |   | 53          | Forwarded     | Yes       |
| 239     | DD 499      | BDes Project IV  |    | 1  |    |    |    |    |    |    |    |       |    |   |    |    |   | 1           | Forwarded     | Yes       |
| 240     | DD 502      | Visual Design - Principles and Applications                  |    | 16 | 11 | 3  | 2  |    |    |    | 2  |       |    |   |    |    |   | 34          | Forwarded     | Yes       |
| 241     | DD 503      | Ergonomics   |    | 4  | 3  | 4  | 10 | 10 |    | 1  | 2  |       | 1  |   |    |    |   | 35          | Forwarded     | YES       |
| 242     | DD 504      | Design Methods   |    | 2  | 5  | 10 | 7  | 8  |    |    | 2  |       |    |   |    |    |   | 34          | Forwarded     | YES       |
| 243     | DD 508      | Product Design Prototyping and Advanced Manufacturing        |    | 6  | 3  |    |    |    |    |    |    |       |    |   |    | 2  |   | 11          | Forwarded     | Yes       |
|         |             |  |    |    |    |    |    |    |    |    |    |       |    |   |    |    |   |             |               |           |
| 244     | DD 515      | Typography   |    | 2  | 14 | 11 | 2  |    |    |    |    |       |    |   |    | 1  |   | 30          | Forwarded     | YES       |
| 245     | DD 518      | Representation Techniques for Animation                      |    | 5  | 7  | 4  | 12 | 12 | 7  | 3  | 2  |       |    |   |    |    | 3 | 55          | Forwarded     | Yes       |
| 246     | DD 521      | System Design For Sustainability                             |    | 2  | 2  |    |    |    |    |    |    |       |    |   |    | 1  |   | 5           | Forwarded     | Yes       |
| 247     |             | Introduction to Toy Design                                   |    | 2  | 3  |    | 3  | 1  |    |    |    |       |    |   |    |    |   | 15          | Forwarded     | YES       |
| 248     | DD 539      | Film Design  | 1  | 7  | 13 | 6  | 4  |    |    |    |    |       |    |   |    |    |   | 31          | Forwarded     | Yes       |
| 249     | DD 542      | Introduction to Industrial Design                            |    | 1  | 9  | 11 | 3  | 1  |    |    |    |       |    |   |    | 1  |   | 26          | Forwarded     | Yes       |
| 250     | DD 543      | Product Design Methods                                       |    | 3  | 5  | 8  | 8  | 5  |    |    |    |       |    |   |    | 1  |   | 30          | Forwarded     | Yes       |
| 251     | DD 544      | Ergonomics in Product Design                                 |    | 3  | 3  | 3  | 7  | 10 |    | 1  |    |       |    |   |    |    |   | 27          | Forwarded     | YES       |
| 252     | DD 545      | Rapid Prototyping and Development                            | 1  | 5  | 9  | 5  | 2  | 3  |    |    |    |       |    |   |    |    |   | 25          | Forwarded     | YES       |
| 253     | DD 550      | Image Processing with Machine Learning                       |    | 2  | 3  | 5  | 3  | 4  |    |    |    |       |    |   |    | 1  |   | 18          | Forwarded     | YES       |
| 254     | DD 553      | Basics of Signal Processing                                  |    | 1  |    | 2  | 2  |    |    |    |    |       |    |   |    |    |   | 5           | Forwarded     | Yes       |
| 255     | DD 560      | Design for Development                                       |    | 3  | 6  | 3  |    | 1  |    |    |    |       |    |   |    |    |   | 13          | Forwarded     | Yes       |
| 256     | DD 601      | Usability Engineering  | 1  | 6  | 19 | 16 | 3  |    |    |    |    |       |    |   |    |    |   | 45          | Forwarded     | Yes       |
| 257     | DD 603      | Thesis Project Phase I                                       |    | 15 | 3  | 11 | 2  |    |    | 1  |    |       |    | 1 |    |    |   | 33          | Forwarded     | Yes       |
| 258     | DD 605      | Thesis Project (Phase II)                                    |    | 1  |    |    |    |    |    |    |    |       |    |   |    |    |   | 1           | Forwarded     | Yes       |
| 259     | DD 608      | Thesis Project (Phase I)                                     |    | 12 | 12 | 4  | 1  |    |    |    |    |       |    |   |    |    |   | 29          | Forwarded     | Yes       |
| 260     | DD 609      | Expert Workshop  |    |    |    |    |    |    |    |    |    |       |    |   |    | 29 |   | 29          | Forwarded     | Yes       |
| 261     | DD 611      | Foundations for Electronic Product Design                    |    | 5  | 6  | 3  | 2  | 1  |    |    |    |       |    |   |    |    |   | 17          | Forwarded     | Yes       |
| 262     | DD 705      | Design Research Methods                                      |    | 1  | 3  | 1  |    |    |    |    |    |       |    |   |    |    |   | 5           | Forwarded     | Yes       |
| 263     | DD 709      | Design-based Project   |    |    | 1  |    |    |    |    |    |    |       |    |   |    |    |   | 1           | Forwarded     | Yes       |
| 264     | DD 712      | Problem-based Learning through Design                        |    | 1  |    |    |    |    |    |    |    |       |    |   |    |    |   | 1           | Forwarded     | Yes       |
| 265     | DM 501      | Fundamentals of disaster management                          | 1  | 2  | 1  | 3  | 1  | 1  |    |    |    |       |    |   |    |    |   | 9           | Forwarded     | Yes       |
| 266     | DM 502      | Socio-economic and policy aspects of disaster risk reduction |    | 1  | 9  | 9  | 11 | 8  | 4  |    |    |       |    |   |    | 2  |   | 44          | Forwarded     | Yes       |
| 267     | DM 698      | Project Phase 2  |    | 2  |    | 1  |    | 1  |    |    |    |       |    |   |    |    |   | 4           | Forwarded     | Yes       |
|         | l           | I  |    |    |    |    |    |    | L  | 1  | L  | oxdot |    |   |    |    |   | L           |               | 1         |

| SI. No. | Course Code | Course Name                                    | AS | AA | AB | ВВ  | ВС  | CC  | CD   | DD | FA | FD       | FP | I | NP | PP | X | Grand Total | HoD Forwarded | Hard Copy |
|---------|-------------|--|----|----|----|-----|-----|-----|--|----|----|----------|----|---|----|----|---|-------------|---------------|-----------|
|         |             |  |    |    |    |     |     |     |  |    |    |          |    |   |    |    |   |             |               |           |
|         |             |  |    |    |    |     |     |     |  |    |    |          |    |   |    |    |   |             |               |           |
| 268     | DS 698      | MTP Project - I                                |    | 4  | 2  | 5   | 3   | 1   |  |    |    |          |    |   |    |    |   | 15          | Pending       | No        |
| 269     | EE 101      | Basic Electronics                              |    | 56 | 97 | 293 | 219 | 181 | 64   | 42 |    |          | 58 |   |    |    |   | 1010        | Forwarded     | Yes       |
| 270     | EE 203      | Semiconductor Devices                          | 1  | 4  | 14 | 32  | 46  | 39  | 29   | 11 |    |          | 7  |   |    |    |   | 183         | Forwarded     | Yes       |
| 271     | EE 204      | Circuit Theory                                 |    | 5  | 7  | 14  | 15  | 22  | 27   | 15 |    |          | 13 |   |    |    |   | 118         | Forwarded     | Yes       |
| 272     | EE 205      | Principles of Electrical Engineering           |    | 2  | 2  | 19  | 14  | 11  | 10   | 8  |    |          | 7  |   |    |    |   | 73          | Forwarded     | Yes       |
| 273     | EE 210      | Digital circuits                               |    | 20 | 15 | 47  | 35  | 23  | 17   | 14 |    |          | 15 |   |    |    |   | 186         | Forwarded     | Yes       |
| 274     | EE 211      | Digital circuits Laboratory                    | 2  | 62 | 75 | 35  | 8   | 3   |  |    |    |          |    |   |    |    |   | 185         | Forwarded     | Yes       |
| 275     | EE 220      | Signals and Systems                            | 1  | 16 | 28 | 49  | 56  | 52  | 23   | 5  |    |          | 16 |   |    |    |   | 246         | Forwarded     | Yes       |
| 276     | EE 312      | Embedded Systems                               | 3  | 20 | 39 | 55  | 34  | 19  | 2  | 2  |    |          | 5  |   |    |    |   | 179         | Forwarded     | Yes       |
| 277     | EE 321      | Digital Signal Processing                      | 2  | 15 | 12 | 18  | 23  | 21  | 8  | 8  |    |          | 6  |   | 1  |    |   | 114         | Forwarded     | Yes       |
| 278     | EE 331      | Principles of Communication                    | 4  | 4  | 17 | 31  | 38  | 21  | 41   | 15 |    |          | 7  |   |    |    |   | 178         | Forwarded     | Yes       |
| 279     | EE 340      | Electromagnetic Theory                         |    | 14 | 34 | 66  | 48  | 7   | 4  | 4  |    |          | 1  |   | 1  |    |   | 179         | Forwarded     | Yes       |
| 280     | EE 340M     | Electromagnetic Field Theory                   |    | 1  | 1  | 4   | 2   | 4   | 5  | 3  |    |          | 4  |   |    |    |   | 24          | Forwarded     | No        |
| 281     | EE 351      | Control and Robotics Laboratory                |    | 30 | 57 | 40  | 28  | 11  | 7  | 4  |    |          |    |   |    |    |   | 177         | Forwarded     | Yes       |
| 282     | EE 380      | Electrical Machines                            | 1  | 18 | 45 | 47  | 28  | 20  | 3  | 13 |    |          | 3  |   |    |    |   | 178         | Forwarded     | No        |
| 283     | EE 398      | BTech Project-I                                |    | 1  | 6  | 2   | 2   |     |  |    | 3  |          |    |   |    |    |   | 14          | Forwarded     | Yes       |
| 284     | EE 424M     | Communication Systems                          |    | 1  | 2  | 2   | 7   | 5   | 8  | 1  |    |          | 4  |   |    |    |   | 30          | Forwarded     | Yes       |
| 285     | EE 498      | Project I                                      |    | 3  | 13 | 12  | 1   |     |  |    |    |          |    |   |    |    |   | 29          | Forwarded     | No        |
| 286     | EE 510      | Semiconductor Device Modeling                  |    | 1  | 3  | 2   | 2   |     |  |    | 2  |          |    | 1 |    |    |   | 11          | Forwarded     | No        |
| 287     | EE 513n     | Nanoelectronics Fabrication Technology         |    | 3  | 6  | 14  | 6   |     |  |    | 2  |          |    |   |    |    |   | 31          | Forwarded     | Yes       |
| 288     | EE 514      | Digital IC Design                              |    |    | 3  | 16  | 3   | 1   |  |    | 1  |          |    |   |    |    |   | 24          | Forwarded     | No        |
| 289     | EE 518n     | Digital IC design Lab                          |    | 8  | 11 | 2   | 1   |     |  |    |    |          |    |   |    |    |   | 22          | Forwarded     | YES       |
| 290     | EE 519      | Photonics and Microelectronics Laboratory      |    | 1  | 2  | 2   | 2   | 1   |  |    |    |          | 2  |   |    |    |   | 10          | Forwarded     | YES       |
| 291     | EE 520      | Signal Processing Algorithms and Architectures |    | 2  | 4  | 7   | 4   | 3   | 1  |    |    |          |    |   |    | 1  |   | 22          | Forwarded     | Yes       |
| 292     | EE 523      | Introduction to Machine Learning               |    | 4  | 5  | 9   | 9   | 1   |  |    |    |          |    |   |    | 4  |   | 32          | Forwarded     | Yes       |
| 293     | EE 524      | Machine Learning Laboratory                    | 1  | 2  | 6  | 6   | 4   |     |  |    |    |          |    |   |    |    |   | 19          | Forwarded     | Yes       |
| 294     | EE 530n     | Digital Communications                         |    | 2  | 3  | 4   | 2   | 4   |  |    |    |          |    |   |    |    |   | 15          | Forwarded     | No        |
| 295     | EE 531n     | Random Processes for Communications            |    | 2  | 3  | 7   | 4   |     |  |    |    |          |    |   |    |    |   | 16          | Forwarded     | Yes       |
| 296     | EE 532      | Matrix Theory for Communications               |    | 1  | 3  | 5   | 4   | 1   | 1  |    |    |          |    |   |    |    |   | 15          | Forwarded     | Yes       |
| 297     | EE 534n     | Simulation Methods for Communications          |    |    | 2  |     | 1   | 5   | 4  | 2  |    |          |    |   |    |    |   | 14          | Forwarded     | Yes       |
| 298     | EE 542      | RF Circuits and Systems                        |    |    | 1  | 1   | 3   | 2   | 2  |    |    |          | 1  | 1 |    |    |   | 11          | Forwarded     | No        |
| 299     | EE 547      | Photonics Devices                              |    | 2  | 2  | 2   | 1   | 1   |  |    |    |          | 2  |   |    |    |   | 10          | Forwarded     | YES       |
| 300     | EE 550      | Linear Systems Theory                          |    | 1  | 4  | 6   | 3   | 1   | 1  | 2  | 3  |          | 2  |   |    |    |   | 23          | Forwarded     | Yes       |
| 301     | EE 551      | Estimation and Identification                  |    |    | 1  | 2   | 2   | 1   | 1  | 1  | 1  |          |    |   |    | 1  |   | 10          | Forwarded     | Yes       |
| 302     | EE 552      | Applied Control Lab                            | 2  | 3  | 4  |     |     |     |  |    | 1  |          |    |   |    |    |   | 10          | Forwarded     | No        |
| 303     | EE 556      | Linear Algebra                                 |    | 2  | 3  | 1   | 3   | 2   | 2  | 1  | 1  |          | 2  |   |    |    |   | 17          | Forwarded     | Yes       |
| 304     | EE 560      | Power Electronic Converters                    |    | 1  | 3  | 1   |     | 2   | 1  | 2  | 1  |          | 1  |   |    |    |   | 12          | Forwarded     | YeS       |
| 305     | EE 561      | Power Electronics Laboratory                   |    | 3  | 5  | 2   | 1   |     |  |    |    |          | 1  |   |    |    |   | 12          | Forwarded     | Yes       |
| 306     | EE 570      | Modern Power Systems                           |    | 1  | 2  | 6   | 1   | 1   |  |    |    |          | 1  |   |    |    |   | 12          | Forwarded     | Yes       |
| 307     | EE 571      | Insulation and High Voltage Engineering        |    |    | 2  | 4   | 2   | 3   |  | 1  |    |          | 1  |   |    |    |   | 13          | Forwarded     | No        |
| 308     | EE 590      | Linear Algebra and Optimization                | 1  | 1  | 5  | 6   | 7   | 4   |  |    |    |          |    |   |    |    |   | 24          | Forwarded     | No        |
| 309     | EE 591      | Probability and Stochastic Processes           | 1  | 2  | 7  | 7   | 5   |     | <del>                                     </del> |    | 1  | $\vdash$ |    |   |    |    |   | 23          | Forwarded     | Yes       |
| 310     | EE 601      | Introduction to Distributed Control Systems    | 4  | 7  | 8  | 15  | 19  | 20  | 12   | 3  | 2  |          |    |   |    | 7  |   | 97          | Forwarded     | No        |
|         |             | •  |    |    |    |     |     |     |  |    |    |          |    |   |    |    |   |             |               |           |
| 311     | EE 610      | Fundamentals of VLSI CAD                       |    | 4  | 14 | 27  | 30  | 10  | 3  | 2  |    |          |    |   |    |    |   | 90          | Forwarded     | Yes       |
| 312     | EE 618      | Spintronics and memory technologies            | 1  | 2  | 1  | 1   |     |     |  |    |    |          |    |   |    |    |   | 5           | Forwarded     | No        |

| Sl. No. | Course Code | Course Name  | AS | AA | AB   | BB | BC  | CC | CD    | DD | FA  | FD   | FP | I | NP | PP  | X | Grand Total | HoD Forwarded | Hard Copy |
|---------|-------------|--|----|----|--|----|-----|----|-------|----|-----|--|----|---|----|-----|---|-------------|---------------|-----------|
|         |             |  |    |    |  |    |     |    |       |    |     |  |    |   |    |     |   |             |               |           |
| 313     | EE 623      | Speech Signal Processing and Coding                  |    | 2  | 2  | 1  |     |    |       |    |     |  |    |   |    |     |   | 5           | Forwarded     | Yes       |
| 314     | EE 636      | Selected Topics in Information Theory                |    |    | 3  | 2  | 6   | 1  |       | 3  | +   |  |    |   |    |     |   | 15          | Forwarded     | No        |
| 315     | EE 644      | Plasmonic, nanophotonic and metamaterials            |    | 1  | 3  | 5  | 2   | 1  |       |    |     |  |    |   |    |     |   | 12          | Forwarded     | Yes       |
| 316     | EE 646      | Optical Measurement Techniques and Applications      |    | 6  | 6  | 31 | 23  | 13 | 14    | 6  |     |  |    |   |    |     |   | 99          | Forwarded     | Yes       |
| 317     | EE 653      | Modeling and Simulation of Dynamic Systems           |    | 1  | 9  | 4  | 14  | 4  | 7     | 7  |     |  | 6  |   |    |     |   | 52          | Forwarded     | Yes       |
| 318     | EE 658      | Optimization Techniques                              |    | 3  | 3  | 5  | 6   | 2  | 1     |    |     |  |    |   |    |     |   | 20          | Forwarded     | Yes       |
| 319     | EE 660      | Modelling and Control of Power Electronic Converters |    | 5  | 4  | 4  | 12  | 8  | 19    | 16 |     |  | 2  |   |    |     |   | 70          | Forwarded     | Yes       |
| 320     | EE 677      | Smart power grids for a sustainable future           | 2  | 4  | 6  | 2  | 8   |    | 2     | 2  |     |  |    |   |    |     |   | 26          | Forwarded     | No        |
| 321     | EE 692      | Detection and Estimation Theory                      |    | 3  | 4  | 6  | 1   |    |       | 2  |     |  |    |   |    |     |   | 16          | Forwarded     | Yes       |
| 322     | EE 693      | Advanced Topics in Random Processes                  | 1  | 1  | 3  | 2  | +   | +  | 1     |    | +   | + +  |    |   |    |     |   | 7           | Forwarded     | No        |
| 323     | EE 698      | Project Phase I                                      |    | 10 | 37   | 23 | 13  | 2  | 1     |    | +   | + +  |    | 2 |    |     |   | 87          | Forwarded     | Yes       |
| 324     | EM 501      | E-mobility, Electric and Hybrid Vehicles             |    |    | 1  | 1  | 1   | +  |       |    |     |  |    | _ |    |     | 1 | 2           | Forwarded     | No        |
| 325     | EM 502      | Modelling, Dynamics and Control of Evs               |    | 1  | <u> </u>   | 1  | +   |    |       |    | +   |  |    |   | 1  |     | - | 3           | Forwarded     | Yes       |
| 326     | EM 503      | Energy storage and conversion                        |    | 1  |  | 1  |     |    |       |    |     |  |    |   |    |     |   | 2           | Forwarded     | Yes       |
| 327     | EM 598      | Project Phase 2                                      |    | 1  | 1  | 2  |     | 3  |       |    | 1   |  |    |   |    |     | - | 8           | Forwarded     | Yes       |
| 328     | EN 201      | Electrical Machines and Power Electronics            |    | 4  | 7  | 5  |     | +  |       |    | ļ · |  |    |   |    |     |   | 16          | Forwarded     | Yes       |
| 329     | EN 202      | Engineering Thermodynamics                           |    | 3  | 6  | 2  | 5   |    |       |    | +   |  |    |   |    |     | - | 16          | Forwarded     | Yes       |
| 330     | EN 203      | Fluid Mechanics and Fluid Machines                   |    | +  | 2  | 5  | 4   | 5  |       |    | +   |  |    |   |    |     |   | 16          | Forwarded     | Yes       |
| 331     | EN 204      | Fuels and Combustion Engineering                     |    | 3  | 5  | 5  | 3   | +  |       |    | +   |  |    |   |    |     | - | 16          | Forwarded     | Yes       |
| 332     | EN 205      | Fuels and Combustion Laboratory                      |    | 8  | 6  | 1  | +   |    |       |    | +   |  |    |   |    |     |   | 15          | Forwarded     | Yes       |
| 333     | EN 661      | Renewable Energy Systems                             |    | 5  | 5  | 7  | 3   |    |       |    |     |  |    |   |    |     | 1 | 20          | Forwarded     | Yes       |
| 334     | EN 663      | Operation and instrumentation                        |    | 4  | 4  | 3  |     |    | 1     |    | +   |  |    |   |    |     |   | 12          | Forwarded     | Yes       |
| 335     | EN 672      | Energy Storage Systems                               |    | 4  | 5  | 5  | 3   | 2  |       |    |     |  |    |   |    | 1   | 1 | 20          | Forwarded     | Yes       |
| 336     | EN 673      | Fundamentals of Energy Engineering                   |    | 2  | 3  | 6  | 3   | 2  |       |    | +   |  |    |   |    |     |   | 16          | Forwarded     | Yes       |
| 337     | EN 680      | Distributed Energy Resources in Electric Grid        |    | 3  | 8  | 4  | 2   | -  |       |    |     |  |    |   |    |     |   | 17          | Forwarded     | Yes       |
| 338     | EN 698      | Project 2  |    | 6  | 7  |    | 1   |    | 1     |    |     |  |    |   |    |     |   | 14          | Forwarded     | Yes       |
| 339     | HS 101      | English Communication                                |    | -  | <del>                                     </del> |    | + - |    |       |    | +   |  |    |   |    | 118 | 1 | 118         | Forwarded     | Yes       |
| 340     | HS 113      | Cognitive Psychology                                 |    | 2  | 2  | 6  | 13  | 32 | 15    | 6  | +   |  |    |   |    |     |   | 76          | Forwarded     | Yes       |
| 341     | HS 123      | Game Theory and Economics                            |    | 24 | 18   | 19 | 8   | 9  | 3     | 3  |     |  | 3  |   |    |     |   | 87          | Forwarded     | Yes       |
| 342     | HS 129      | Economic Theory: An Introduction                     |    | 25 | 114  | 15 | 10  | 1  | +     | +  | +   |  |    |   |    |     | 1 | 165         | Forwarded     | Yes       |
| 343     | HS 133      | Introduction to Phonetics                            |    | 5  | 3  | 12 | 8   | 16 | 11    | 6  |     |  | 3  |   |    |     | 1 | 64          | Forwarded     | Yes       |
| 344     | HS 144      | Drama from Aristotle to Goethe                       | 2  | 4  | 16   | 15 | 33  | 36 | + ' ' | +  | +   |  |    |   |    |     | 1 | 106         | Forwarded     | Yes       |
| 345     | HS 147      | War and Peace: India's Military History              | 1  | 4  | 21   | 49 | 19  | 30 | 1     |    | -   | +  |    |   |    |     |   | 94          | Forwarded     | Yes       |
| 346     | HS 154      | Sociology: The Science of Praxis                     | 1  | 8  | 33   | 37 | 13  | 11 | 3     | 1  | 1   | +  |    |   |    |     | 1 | 108         | Forwarded     | Yes       |
| 347     | HS 158      | Introduction to Language Acquisition                 | +- | 7  | 15   | 14 | 19  | 14 | 16    | 9  | +-  |  |    |   |    |     | 1 | 94          | Forwarded     | Yes       |
| 348     | HS 160      | Logical Reasoning                                    |    | 3  | 7  | 20 | 39  | 9  | 2     | 1  | -   | <del>                                     </del> |    |   |    |     |   | 81          | Forwarded     | Yes       |
| 349     | HS 162      | Archaeological Studies in Ancient Technology         |    | 2  | 9  | 18 | 20  | 23 | 11    | 2  |     |  |    |   |    |     |   | 85          | Forwarded     | YES       |
| 350     | HS 213      | Psychology of Health and Adjustment                  |    | 10 | 12   | 12 | 22  | 21 | 19    | 16 |     |  |    |   |    |     |   | 112         | Forwarded     | Yes       |
| 351     | HS 217      | Social History of Technology in Modern India         |    | 5  | 19   | 21 | 27  | 20 | 10    | 9  | 1   | + +  | 1  |   |    |     | 1 | 112         | Forwarded     | YES       |
|         |             | <b>,</b>   |    |    |  |    |     |    |       |    |     |  |    |   |    |     |   |             |               |           |

| SI. No. | Course Code | Course Name   | AS | AA | AB | BB | ВС | CC | CD | DD | FA | FD | FP | I | NP | PP | X | Grand Total | HoD Forwarded | Hard Copy |
|---------|-------------|---|----|----|----|----|----|----|----|----|----|----|----|---|----|----|---|-------------|---------------|-----------|
|         |             |   |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |             |               |           |
| 352     | HS 225      | Inventing the Truth: The Art and Craft of Autobiography     |    | 1  | 25 | 24 | 38 | 22 | 8  | 3  |    |    |    |   |    |    |   | 124         | Forwarded     | YeS       |
| 332     | 110 220     | inventing the Truth. The Art and Craft of Autobiography     |    | 4  | 23 | 24 | 30 | 22 | 0  | 3  |    |    |    |   |    |    |   | 124         | Forwarded     | 163       |
| 353     | HS 229      | Environmental Economics                                     |    | 1  | 6  | 9  | 9  | 12 | 19 | 36 | +  |    | 12 |   |    |    |   | 104         | Forwarded     | Yes       |
| 354     | HS 236      | Sociological Perspectives on Modernity                      |    | 14 | 35 | 39 | 20 | 2  | 3  |    |    | 1  | 1  |   |    |    |   | 115         | Forwarded     | Yes       |
| 355     | HS 250      | Introduction to the Indian Epics                            |    |    | 4  | 36 | 38 | 9  | 6  | 5  |    |    |    |   |    |    |   | 98          | Forwarded     | Yes       |
| 356     | HS 252      | Pandemics, Health and Society                               |    | 4  | 24 | 30 | 27 | 12 | 9  | 7  |    |    |    |   |    |    |   | 113         | Forwarded     | Yes       |
| 357     | HS 253      | Social Movements in India                                   |    | 1  | 6  | 14 | 26 | 29 | 33 | 30 |    |    |    |   |    |    |   | 139         | Forwarded     | Yes       |
| 358     | HS 318M     | Contemporary Literary Theory                                |    | 2  | 3  |    |    |    |    |    |    |    |    |   |    |    |   | 5           | Forwarded     | Yes       |
| 359     | HS 418M     | Language and Thought  |    |    | 1  | 1  | 1  | 1  |    |    |    |    |    |   |    |    |   | 4           | Forwarded     | Yes       |
| 360     | HS 501      | Essentials of Political Theory                              |    | 3  | 10 | 10 | 9  | 11 | 8  | 1  |    |    |    |   |    |    |   | 52          | Forwarded     | Yes       |
| 361     | HS 506      | Interrogating Modernity                                     |    | 4  |    | 11 | 9  | 3  | 1  | 1  |    |    |    |   |    | 1  |   | 30          | Forwarded     | Yes       |
| 362     | HS 515      | Introduction to Economics                                   |    | 4  | 6  | 9  | 7  | 10 | 6  |    |    |    |    |   | 1  |    |   | 43          | Forwarded     | Yes       |
| 363     | HS 516      | The Study of Society  |    | 6  | 11 | 11 | 10 | 3  | 2  |    |    |    |    |   |    |    |   | 43          | Forwarded     | Yes       |
| 364     | HS 519      | Economic History of Colonial India                          |    | 4  | 10 | 11 | 13 | 3  | 2  |    |    |    |    |   |    |    |   | 43          | Forwarded     | Yes       |
| 365     | HS 522      | Quantitative Research Methods in Social Sciences            |    | 11 | 8  | 8  | 8  | 7  |    |    |    |    |    |   |    |    |   | 42          | Forwarded     | Yes       |
|         |             |   |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |             |               |           |
| 366     | HS 526      | Conflict and Financial Diplomacy                            | 1  | 2  | 7  | 13 | 12 | 5  |    |    | 2  |    |    |   |    |    |   | 42          | Forwarded     | Yes       |
| 367     | HS 554      | Theories and Thinkers: The Concept of Culture               |    | 2  | 1  | 2  | 2  | 1  | 2  |    |    |    |    |   |    |    |   | 10          | Forwarded     | Yes       |
|         |             |   |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |             |               |           |
| 368     | HS 555      | Introduction to Liberal Studies                             |    | 1  | 2  | 4  | 3  |    |    |    |    |    |    |   |    |    |   | 10          | Forwarded     | Yes       |
| 369     | HS 558      | Between History and Memory : Genres of Life Writing         |    |    | 2  | 3  |    |    |    |    |    |    |    | 1 |    |    |   | 6           | Forwarded     | Yes       |
|         |             |   |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |             |               |           |
| 370     | HS 560      | Race and the Novel  |    |    |    | 2  | 2  | 2  |    |    |    |    |    |   |    |    |   | 6           | Forwarded     | Yes       |
| 371     | HS 566      | Debates in Philosophy                                       | 1  | 1  | 2  | 4  | 1  | 3  | 2  | 1  |    |    |    |   |    |    |   | 15          | Forwarded     | Yes       |
| 372     | HS 568      | Digital Humanities: Theories in Practice                    |    | 1  | 1  | 4  | 2  | 4  |    | 3  |    |    |    |   |    |    |   | 15          | Forwarded     | Yes       |
| 373     | HS 569      | Language, Mind and Thought                                  |    | 3  | 3  | 2  | 2  |    |    |    |    |    |    |   |    |    |   | 10          | Forwarded     | Yes       |
| 374     | HS 570      | Paths to Policymaking in India                              |    | 1  | 1  | 3  | 3  | 1  |    |    |    |    |    |   |    |    |   | 9           | Forwarded     | YES       |
| 375     | HS 609      | Globalization and Sustainable Development                   |    | 6  | 26 | 8  | 4  |    | 1  |    | 1  |    |    |   |    |    |   | 46          | Forwarded     | Yes       |
|         |             |   |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |             |               |           |
| 376     | HS 613      | Statistical Method for Social Sciences                      |    | 2  | 5  | 8  | 8  | 4  | 2  |    | 2  |    |    |   |    | 2  |   | 33          | Forwarded     | Yes       |
| 377     | HS 618      | Modern Political and Social Imaginaries                     |    | 1  | 7  | 6  | 9  | 5  | 2  | 1  | 1  |    | 1  |   |    |    |   | 33          | Forwarded     | Yes       |
| 378     | HS 621      | Public Health and Development in India                      |    | 2  | 14 | 9  | 5  | 7  | 2  |    | 2  |    |    |   |    |    |   | 41          | Forwarded     | Yes       |
| 379     | HS 696      | Project I   |    | 2  | 4  | 2  | 1  | 2  | 1  | 1  | 2  |    |    |   |    |    |   | 15          | Forwarded     | Yes       |
| 380     | HS 698      | Project Phase 1   |    | 2  | 14 | 17 | 8  |    |    |    | 2  |    |    |   |    |    |   | 43          | Forwarded     | Yes       |
| 381     | HS 705      | Growth and Development                                      |    |    | 1  |    | 1  |    |    |    |    |    |    |   |    |    |   | 2           | Forwarded     | YES       |
| 382     | HS 714      | Understanding Organizational Behaviour: Theory and Research |    |    |    | 1  |    |    |    |    |    |    |    |   |    |    |   | 1           | Forwarded     | Yes       |
|         |             |   |    |    |    |    |    |    |    |    |    |    |    |   |    |    |   |             |               |           |
| 383     | HS 716      | Research Methodology in Psychology                          |    |    |    |    | 1  |    |    |    |    |    |    |   |    |    |   | 1           | Forwarded     | Yes       |
| 384     | HS 722      | Cultural Anthropology                                       |    | 1  |    |    | 1  |    |    |    |    |    |    |   |    |    |   | 2           | Forwarded     | Yes       |
| 385     | HS 723      | Methods in Historical Research                              |    |    | 3  |    |    |    |    |    |    |    |    |   |    |    |   | 3           | Forwarded     | YES       |
| 386     | HS 724      | History in Indian Vernaculars                               |    |    | 3  |    |    |    |    |    |    |    |    |   |    |    |   | 3           | Forwarded     | Yes       |
| 387     | HS 731      | Heritage, Identity and Archaeology                          |    |    | 1  | 1  |    |    |    |    |    |    |    |   |    |    |   | 2           | Forwarded     | Yes       |
| 388     | HS 749      | Issues in Tone Languages                                    |    |    |    | 2  |    |    |    |    |    |    |    |   |    |    |   | 2           | Forwarded     | Yes       |
| 389     | HS 750      | Mathematical Method for Economists                          |    | 1  | 1  | 1  |    |    |    |    |    |    |    |   |    |    |   | 3           | Forwarded     | Yes       |
| 390     | HS 768      | Bilingualism: language and cognition                        |    |    | 2  |    |    |    |    |    |    |    |    |   |    |    |   | 2           | Forwarded     | Yes       |
| 391     | HT 501      | Introduction to Cellular Processes                          | 1  | 2  | 9  | 12 | 8  | 3  |    |    |    |    |    | 1 |    |    |   | 36          | Pending       | No        |
| 392     | HT 502      | Basic Physiology for Clinical Immersion                     | 1  | 7  | 8  | 7  | 7  | 1  |    |    |    | 1  |    | 1 |    |    |   | 32          | Pending       | No        |

| SI. No.    | Course Code      | Course Name   | AS | AA | AB       | ВВ   | ВС       | CC  | CD   | DD | FA             | FD       | FP | I        | NP | PP       | X | Grand Total | HoD Forwarded          | Hard Copy  |
|------------|------------------|---|----|----|----------|--|----------|-----|------|----|----------------|----------|----|----------|----|----------|---|-------------|------------------------|------------|
|            |                  |   |    |    |          |  |          |     |      |    |                |          |    |          |    |          |   |             |                        |            |
|            |                  |   |    |    |          |  |          |     |      |    |                |          |    |          |    |          |   |             |                        |            |
| 393        | HT 503           | Introduction to Biomedical Electronics and Instrumentation        | 1  | 6  | 11       | 7  | 2        |     |      |    |                |          |    |          |    |          |   | 27          | Pending                | No         |
|            |                  |   |    |    |          | <u> </u>   |          |     |      |    |                |          |    |          |    |          |   |             |                        |            |
| 394        | HT 504           | Basics of Mathematical Modelling and Simulation                   | 1  | 4  | 10       | 11   | 4        |     |      |    |                |          |    | 1        |    |          |   | 31          | Pending                | No         |
| 205        | LIT FOF          | December Mathedalam, Ethios IDD Entranganoushin and Discofety     |    | 2  |          | 6  | 0        |     |      |    |                |          |    |          |    |          |   | 05          | Dandina                | No.        |
| 395        | HT 505           | Research Methodology, Ethics, IPR, Entrepreneurship and Biosafety | 2  | 3  | 6        | 0  | 8        |     |      |    |                |          |    |          |    |          |   | 25          | Pending                | No         |
| 396        | HT 598           | Project-1   |    | 4  | 4        | 3  | 2        | 4   |      |    |                |          |    | 1        |    |          |   | 18          | Pending                | No         |
| 397        | IFST 001         | Advanced Food Processing  |    | 1  | 1        | 3  | 2        | 1   |      |    |                |          |    | '        |    |          |   | 8           | Pending                | Yes        |
| 398        | IFST 002         | International Joint Exercises in Food Science and Technology      |    | 3  | 3        | <del>                                     </del> | 1        | ļ . |      |    |                |          |    | 1        |    |          |   | 8           | Pending                | YES        |
|            |                  |   |    |    |          |  |          |     |      |    |                |          |    |          |    |          |   |             | 3                      |            |
| 399        | IFST 003         | International Joint Global Internship & Seminar-B                 |    |    |          |  |          |     |      |    |                |          |    | 3        |    |          |   | 3           | Pending                | Yes        |
|            |                  |   |    |    |          |  |          |     |      |    |                |          |    |          |    |          |   |             |                        |            |
| 400        | IFST 005         | Design thinking and Scientific Writing                            |    | 4  | 1        |  |          |     |      |    |                |          |    |          |    |          |   | 5           | Pending                | Yes        |
| 401        | IFST 018         | Joint Degree Dissertation   |    | 1  |          |  |          |     |      |    |                |          |    | 2        |    |          |   | 3           | Pending                | Yes        |
| 402        | IFST 019         | Joint Degree Dissertation   |    | 2  |          |  |          |     |      |    |                |          |    | 2        |    |          |   | 4           | Pending                | Yes        |
| 403        | LS 501           | Mathematics and Statistics  |    |    |          | 1  |          |     |      |    |                |          |    |          |    |          |   | 1           | Pending                | No         |
| 404        | LS 551           | Introduction to Linguistic Science                                |    |    |          | 1  |          |     |      |    |                |          |    |          |    |          |   | 1           | Pending                | Yes        |
| 405        | MA 101           | Mathematics - I   | 3  | 36 | 81       | 183  | 231      | 146 | 181  | 82 |                |          | 7  |          |    |          |   | 950         | Forwarded              | Yes        |
| 406        | MA 211M          | Real Analysis   |    |    |          |  | 2        | 2   | 6    | 11 |                |          | 10 |          |    | 1        |   | 32          | Forwarded              | Yes        |
| 407        | MA 221           | Discrete Mathematics  |    | 2  | 7        | 26   | 33       | 8   | 1    | 4  |                |          |    |          |    |          |   | 81          | Forwarded              | Yes        |
| 408        | MA 222           | Elementary Number Theory and Algebra                              | 2  | 11 | 8        | 15   | 20       | 40  | 29   | 25 | 41             |          | 16 |          |    |          |   | 207         | Forwarded              | No         |
| 409        | MA 225           | Probability Theory and Random Processes                           | 2  | 21 | 26       | 23   | 35       | 34  | 17   | 19 |                |          | 27 |          | 2  |          |   | 206         | Forwarded              | Yes        |
| 410        | MA 251           | Data Structures   |    | 4  | 9        | 8  | 17       | 18  | 14   | 9  |                |          |    |          |    |          |   | 79          | Forwarded              | Yes        |
| 411        | MA 311M          | Scientific Computing  |    |    |          | 2  | 2        | 6   | 4    | 7  |                |          | 11 |          |    |          |   | 32          | Forwarded              | Yes        |
| 412        | MA 321           | Optimization  | 5  | 12 | 14       | 18   | 20       | 65  | 39   | 30 |                |          | 2  |          |    |          |   | 205         | Forwarded              | Yes        |
| 413        | MA 323           | Monte Carlo Simulation  |    | 11 | 12       | 16   | 11       | 13  | 8    | 8  |                |          |    |          |    |          |   | 79          | Forwarded              | No         |
| 414        | MA 372           | Stochastic Calculus for Finance                                   |    | 3  | 16       | 8  | 22       | 11  | 15   | 4  |                |          | 1  |          |    |          |   | 80          | Forwarded              | YES        |
| 415        | MA 411M          | Differential Geometry   |    | 1  |          | 1  | 5        | 7   | 3    | 2  |                | ļ., l    | 18 |          |    | 1        |   | 38          | Forwarded              | Yes        |
| 416        | MA 473           | Computational Finance   | 3  | 5  | 9        | 14   | 13       | 13  | 14   | 5  |                | 1        | 1  |          |    |          |   | 78          | Forwarded              | Yes        |
| 417        | MA 498           | Project-I   |    | 43 | 12       | 10   | 7        | 5   | 1 -  |    |                |          |    |          |    |          |   | 78          | Forwarded              | No         |
| 418        | MA 501           | Discrete Mathematics  | 1  | 8  | 5        | 6  | 11       | 14  | 7    | 5  |                |          | 5  |          |    |          |   | 62          | Forwarded              | Yes        |
| 419        | MA 502           | Graph Theory  |    | 1  | 4        | 4  | 2        |     | 2    | 1  | 2              |          |    |          |    |          |   | 16          | Forwarded              | YES        |
| 420        | MA 506           | Number Theory and Cryptography                                    | _  | 1  | 2        | _  | 1        | 2   |      | 2  |                |          |    |          | 1  |          |   | 6           | Forwarded              | Yes        |
| 421<br>422 | MA 509           | Algebraic Number Theory   |    | 2  | 8        | 13   | 8        | 10  |      | 3  |                |          | 5  |          | ı  |          |   | 5<br>60     | Forwarded              | YES<br>YES |
| 423        | MA 511<br>MA 514 | Computer Programming Theory of Computation                        |    | 2  | 0        | 10   | 8        | 12  | 9 14 | 8  |                |          | 2  |          |    |          |   | 59          | Forwarded<br>Forwarded | YES        |
| 423        | MA 514           | Database Management Systems                                       | -  | 1  | 3        | 7  | 8        | 11  | 4    | 6  |                |          | 2  |          |    |          |   | 40          | Forwarded              | Yes        |
| 425        | MA 510           | Modern Algebra  | -  | 2  | 5        | 7  | 16       | 9   | 8    | 4  |                |          | 10 |          |    |          |   | 61          | Forwarded              | YES        |
| 426        | MA 521           | Linear Algebra  | 1  | 12 | 13       | 6  | 10       | 4   | 5    | 7  |                |          | 3  |          |    |          |   | 61          | Forwarded              | Yes        |
| 427        | MA 541           | Real Analysis   |    | 5  | 5        | 11   | 11       | 12  | 11   | 6  | 1              |          | J  |          |    |          |   | 62          | Forwarded              | YES        |
| 428        | MA 543           | Functional Analysis   |    | 1  | 1        | 2  | 4        | 7   | 12   | 23 | +'-            |          | 13 |          |    |          |   | 63          | Forwarded              | Yes        |
| 429        | MA 549           | Topology  |    | 1  | 2        | 2  | 3        | 4   | 2    | 1  |                |          | 10 |          |    |          |   | 15          | Forwarded              | YES        |
| 430        | MA 572           | Numerical Analysis  |    | 2  | 2        | 3  | 7        | 22  | 8    | 5  |                | $\vdash$ | 10 |          | 1  |          |   | 60          | Forwarded              | No         |
| 431        | MA 572           | Scientific Computing  |    | 3  | 1        | +  | 7        | 4   | +    | 3  |                | $\vdash$ | .0 |          | •  |          |   | 18          | Forwarded              | YES        |
| 432        | MA 580H          | Matrix Computations   |    | +  | 1        | 3  | <u> </u> | 6   | 4    | 1  | 2              |          | 4  |          |    |          |   | 21          | Forwarded              | Yes        |
| 433        | MA 581           | Numerical Computations Lab  |    | 2  | 1        | 3  | 4        | 2   | 2    | 2  | 2              |          | 4  | $\vdash$ |    |          | - | 22          | Forwarded              | Yes        |
| 434        | MA 589           | Statistical Foundations for Data Science                          | 1  | 5  | 1        | 4  | 5        | 2   | 4    | 2  | <del>  -</del> |          | 2  |          |    | 1        |   | 27          | Forwarded              | Yes        |
| TUT        | 1717 \ 000       | Stational Foundations for Data Oblotico                           |    | ľ  | <u> </u> | -  | <u> </u> |     | -    |    |                |          | _  |          |    | <u> </u> |   |             | · OI WAI GOG           | 100        |

| SI. No.         | Course Code | Course Name  | AS               | AA  | AB  | BB  | ВС | CC       | CD       | DD              | FA   | FD       | FP | 1        | NP       | PP  | X | Grand Total | HoD Forwarded           | Hard Copy |
|-----------------|-------------|--|------------------|-----|-----|-----|----|----------|----------|-----------------|--|----------|----|----------|----------|-----|---|-------------|-------------------------|-----------|
|                 |             |  |                  |     |     |     |    |          |          |                 |  |          |    |          |          |     |   |             |                         |           |
|                 |             |  |                  |     |     |     |    |          |          |                 |  |          |    |          |          |     |   |             |                         |           |
| 435             | MA 592      | Mathematical Finance                               | 4                | 18  | 18  | 25  | 30 | 40       | 37       | 15              |  |          | 6  |          |          |     |   | 193         | Forwarded               | Yes       |
| 436             | MA 625      | Linear Algebra-I                                   | 2                | 1   |     | 1   | 1  | 1        | 2        |                 | 1  |          |    |          |          |     |   | 9           | Forwarded               | Yes       |
| 437             | MA 642      | Real Analysis-1                                    |                  | 2   | 2   | 2   | 1  |          |          |                 |  |          |    |          |          |     |   | 7           | Forwarded               | Yes       |
| 438             | MA 662      | Differential Equations                             |                  | 1   |     | 2   | 3  |          |          |                 |  |          |    |          |          |     |   | 6           | Forwarded               | Yes       |
| 439             | MA 683      | Probability Theory                                 |                  |     | 1   | 1   |    |          |          |                 | 1  |          |    |          |          |     |   | 3           | Forwarded               | Yes       |
| 440             | MA 697      | Seminar  |                  | 13  | 13  | 9   | 9  | 6        | 3        | 5               | 1  |          |    |          |          |     |   | 59          | Forwarded               | Yes       |
| 441             | MA 699      | Project  |                  |     |     |     |    |          |          |                 | 1  |          |    |          |          |     |   | 1           | Forwarded               | YES       |
| 442             | ME 110      | Workshop I   |                  | 100 | 164 | 171 | 2  |          |          |                 |  |          | 1  |          |          |     |   | 438         | Forwarded               | Yes       |
| 443             | ME 201Mn    | Manufacturing Technology                           |                  |     |     | 1   |    |          |          |                 |  |          |    |          |          |     |   | 1           | Forwarded               | No        |
| 444             | ME 211      | Thermodynamics                                     |                  | 3   | 17  | 32  | 36 | 9        | 15       | 5               |  |          |    |          |          |     |   | 117         | Forwarded               | Yes       |
| 445             | ME 212      | Solid Mechanics I                                  |                  | 24  | 32  | 58  | 39 | 27       | 20       | 8               |  |          |    |          |          |     |   | 208         | Forwarded               | Yes       |
| 446             | ME 214      | Fluid Mechanics - I                                |                  | 2   | 5   | 22  | 45 | 20       | 14       | 9               |  |          | 1  |          |          |     |   | 118         | Forwarded               | Yes       |
| 447             | ME 215      | Machine Drawing                                    |                  | 22  | 59  | 34  | 4  |          |          |                 |  |          |    |          |          |     |   | 119         | Forwarded               | Yes       |
| 448             | ME 216      | Mechanical Engg Laboratary- I                      |                  | 38  | 63  | 13  | 3  |          |          |                 |  |          |    |          |          |     |   | 117         | Forwarded               | No        |
| 449             | ME 301M     | Robotic Vision and Control                         |                  | 1   | 3   |     | 2  | 2        |          |                 | 1  |          |    |          |          |     |   | 9           | Forwarded               | Yes       |
| 450             | ME 311      | Heat Transfer                                      |                  | 2   | 3   | 16  | 21 | 33       | 17       | 17              | 5  |          |    |          |          |     |   | 114         | Forwarded               | Yes       |
| 451             | ME 312      | Manufacturing Technology II                        |                  | 15  | 13  | 25  | 20 | 19       | 8        | 14              |  |          | 3  |          |          |     |   | 117         | Forwarded               | Yes       |
| 452             | ME 313      | Dynamics of Machinery                              | 2                | 11  | 14  | 28  | 42 | 6        | 3        | 5               |  |          | 5  |          |          |     |   | 116         | Forwarded               | Yes       |
| 453             | ME 314      | Design of Machine Elements                         |                  | 4   | 13  | 20  | 28 | 25       | 17       | 6               |  |          | 1  |          |          |     |   | 114         | Forwarded               | Yes       |
| 454             | ME 315      | Mechanical Engineering Laboratory III              |                  | 9   | 45  | 52  | 5  | 1        |          |                 | 1  |          | 1  |          |          |     |   | 114         | Forwarded               | Yes       |
| 455             | ME 398      | BTech Project-I                                    |                  | 21  | 39  | 35  | 7  | 4        | 5        | 1               |  |          |    |          |          |     |   | 112         | Forwarded               | No        |
| 456             | ME 399      | BTech Project-II                                   |                  |     |     | 1   |    |          |          |                 |  |          |    |          |          |     |   | 1           | Forwarded               | No        |
| 457             | ME 401      | Summer Training                                    |                  |     |     |     |    |          |          |                 |  |          |    |          | 3        | 121 |   | 124         | Forwarded               | YES       |
| 458             | ME 401M     | Project  |                  | 4   | 1   | 8   | 1  |          |          |                 |  |          |    |          |          |     |   | 14          | Forwarded               | Yes       |
| 459             | ME 498      | BTech Project-III                                  |                  | 5   | 39  | 42  | 34 | 2        |          |                 |  |          |    | 1        |          |     |   | 123         | Forwarded               | No        |
| 460             | ME 499      | Project-II   |                  |     | 1   |     |    |          |          |                 |  |          |    |          |          |     |   | 1           | Forwarded               | No        |
| 461             | ME 501      | Advanced Engineering Mathematics                   | 1                | 7   | 14  | 41  | 34 | 12       | 15       | 3               | 2  |          |    |          |          |     |   | 129         | Forwarded               | Yes       |
| 462             | ME 502      | Engineering Computing Laboratory                   |                  | 6   | 20  | 25  | 24 | 27       | 14       | 9               | 2  |          |    |          |          |     |   | 127         | Forwarded               | YES       |
| 463             | ME 503      | Technical Writing                                  |                  | 16  | 42  | 39  |    | 1        |          |                 | 5  |          |    |          | 1        | 4   |   | 108         | Forwarded               | YES       |
| 464             | ME 504      | MTP Phase I  |                  | 15  | 38  | 30  | 7  | 3        | 1        |                 | 6  |          |    | 1        |          |     |   | 101         | Forwarded               | Yes       |
| 465             | ME 505      | MTP Phase II                                       |                  |     |     | 1   | 1  | 2        |          |                 | 1  |          |    |          |          |     |   | 5           | Forwarded               | Yes       |
| 466             | ME 510      | Subtractive Manufacturing                          |                  | 4   | 16  | 11  | 4  |          |          |                 |  |          | 1  |          |          |     |   | 36          | Forwarded               | No        |
| 467             | ME 512      | Welding and Additive Manufacturing                 | 2                | 11  | 8   | 6   | 8  | 2        | 2        |                 |  |          |    | +        | +        |     |   | 39          | Forwarded               | Yes       |
| 468             | ME 520      | Fluid Mechanics                                    |                  | 3   | 4   | 7   | 6  | 7        | 3        | 2               | 1  |          | 7  |          |          |     |   | 40          | Forwarded               | Yes       |
| 469             | ME 521      | Conduction and Radiation                           |                  | 2   | 4   | 5   | 11 | 4        | 3        | 3               |  |          | 3  | +        | +        |     |   | 35          | Forwarded               | Yes       |
| 470             | ME 523      | Advanced Thermodynamics                            |                  | 1   | 4   | 12  | 10 | 7        | 1        |                 |  |          |    |          |          |     |   | 35          | Forwarded               | Yes       |
| 471             | ME 530      | Advanced Mechanics of Solids                       |                  | 7   | 11  | 19  | 8  | 5        | 1        |                 |  |          | 1  |          |          |     |   | 52          | Forwarded               | Yes       |
| 472             | ME 531      | Mechanical Vibrations                              | 1                | 7   | 15  | 9   | 10 | 4        |          |                 | 2  |          |    |          |          |     | _ | 48          | Forwarded               | YES       |
| 473             | ME 532      | Finite Element Methods in Engineering              | 1                | 4   | 13  | 12  | 18 | 12       | 3        | 2               | 1  |          |    | +        |          |     |   | 66          | Forwarded               | Yes       |
| 474             | ME 543      | Computational Fluid Dynamics                       | 1                | 4   | 7   | 12  | 12 | 9        | 14       | 4               | <u> </u>   | $\vdash$ | 3  | +        | 1        | 1   |   | 68          | Forwarded               | YES       |
| 475             | ME 550      | Introduction to Aerospace Engineering              | <del>-   ·</del> | +   | 2   | 2   | 1  | 1        | 4        | 1               | -  | $\vdash$ | -  | $\dashv$ | $\dashv$ |     |   | 11          | Forwarded               | Yes       |
| 476             | ME 551      | Aerodynamics                                       |                  | 3   | 3   | 3   | 3  | <u> </u> | <u> </u> |                 |  |          |    |          |          |     | + | 12          | Forwarded               | Yes       |
| 477             | ME 606      | Solidification Processing                          |                  | 1   | 2   | 3   | +  |          |          | 1               | <del>                                     </del> |          |    | +        |          |     | + | 6           | Forwarded               | Yes       |
| 478             | ME 608      | Computer Aided Design-Computer Aided Manufacturing | 1                | 5   | 23  | 41  | 30 | 16       | 4        |                 | -  |          | 1  | +        | -        |     |   | 121         | Forwarded               | YES       |
| 710             | 141L 000    | Computer Audea Design Computer Audea manufacturing |                  |     | 20  | 71  | 30 | 10       | -        |                 |  |          | '  |          |          |     |   | 121         | 1 Olwardou              |           |
| 479             | ME 609      | Optimization Methods in Engineering                |                  | 3   | 11  | 16  | 26 | 16       | 8        | 17              | 6  | $\vdash$ | 4  | +        | $\dashv$ |     | + | 107         | Forwarded               | Yes       |
| 480             | ME 640      | Robotics and Robot Application                     |                  | 21  | 26  | 40  | 29 | 5        | 1        | <del>  ''</del> | 1  | $\vdash$ | •  | +        |          | 1   | _ | 124         | Forwarded               | YES       |
| <del>1</del> 00 | IVIL UHU    | ויטטטנוס מווע ויטטטני באףווטמנוטוו                 |                  | 41  | 20  | 10  | 23 | ١        | <u> </u> |                 | <u>'</u>   |          |    |          |          | 1   |   | 147         | i Oiwaiu <del>c</del> u | L         |

| Sl. No. | Course Code | Course Name   | AS | AA  | AB  | ВВ  | ВС | CC | CD | DD | FA | FD   | FP | I | NP | PP | X | Grand Total | HoD Forwarded | Hard Copy |
|---------|-------------|---|----|-----|-----|-----|----|----|----|----|----|--|----|---|----|----|---|-------------|---------------|-----------|
|         |             |   |    |     |     |     |    |    |    |    |    |  |    |   |    |    |   |             |               |           |
|         |             |   |    |     |     |     |    |    |    |    |    |  |    |   |    |    |   |             |               |           |
| 481     | ME 659      | Tribology of Bearings                               |    | 1   | 1   | 1   |    |    |    |    |    |  |    |   |    |    |   | 3           | Forwarded     | No        |
| 482     | ME 674      | Soft Computing in Engineering                       | 1  | 4   | 4   | 3   | 4  | 3  | 2  | 2  |    | 2  | 1  |   |    | 2  |   | 28          | Forwarded     | Yes       |
| 483     | ME 678      | Mechanics of Sheet Metal Forming                    |    | 7   | 5   | 13  | 4  | 10 | 8  | 7  |    | 2  | 1  |   |    |    |   | 57          | Forwarded     | Yes       |
| 484     | ME 679      | Mechanical Behaviour of Materials                   |    | 3   | 4   | 6   | 13 | 2  | 3  |    |    |  |    |   |    |    |   | 31          | Forwarded     | Yes       |
| 485     | ME 689      | Smart Materials: Modelling and Applications         |    |     | 4   | 3   | 3  | 3  | 5  |    |    |  |    |   |    |    |   | 18          | Forwarded     | Yes       |
| 486     | ME 698      | Applied Nonlinear Control                           | 2  | 2   | 3   | 2   | 1  |    |    |    |    |  |    |   |    | 1  |   | 11          | Forwarded     | Yes       |
| 487     | NCC         | NCC   |    |     |     |     |    |    |    |    |    |  |    |   | 7  | 82 |   | 89          | Pending       | No        |
| 488     | NPTL1       | Introduction to Machine Learning                    |    | 3   | 4   | 10  | 4  | 4  | 2  |    |    |  | 2  |   |    |    |   | 29          | Forwarded     | No        |
| 489     | NPTL2       | Getting started with competitive programming        |    | 26  | 13  | 8   | 1  |    |    |    |    |  | 1  |   |    |    |   | 49          | Forwarded     | No        |
| 490     | NPTL3       | Deep Learning                                       |    |     | 1   | 3   | 1  |    |    |    |    |  | 1  |   |    |    |   | 6           | Forwarded     | No        |
| 491     | NPTL4       | Natural language processing                         |    |     |     | 1   | 1  |    | 2  |    |    |  |    |   |    |    |   | 4           | Forwarded     | No        |
| 492     | NT 601      | Nano Device: Fabrication, Productization and Patent |    | 2   | 2   | 2   | 1  |    |    |    |    |  |    |   |    |    |   | 7           | Forwarded     | No        |
| 493     | NT 602      | Laboratory Safety and Risk Management: Principles   |    | 1   | 4   | 7   | 2  |    |    |    |    |  |    |   |    |    |   | 14          | Forwarded     | No        |
| 494     | PH 110      | Physics Laboratory                                  |    | 105 | 229 | 144 | 18 | 5  |    |    | 5  |  |    |   |    |    | + | 506         | Forwarded     | No        |
| 495     | PH 201      | Mathematical Physics                                |    | 4   | 4   | 8   | 13 | 8  | 8  | 12 |    | <del>                                     </del> | 9  |   |    |    |   | 66          | Forwarded     | No        |
| 496     | PH 203      | Classical Mechanics                                 | 1  | 4   | 2   | 12  | 13 | 16 | 8  | 7  |    | <del>                                     </del> |    |   |    | 1  |   | 64          | Forwarded     | No        |
| 497     | PH 205      | Semiconductor Devices                               |    | 1   | 9   | 9   | 4  | 12 | 9  | 13 |    | <del>                                     </del> | 2  |   |    |    |   | 59          | Forwarded     | No        |
| 498     | PH 207      | Heat and Thermodynamics                             |    | 3   | 5   | 6   | 8  | 14 | 19 | 4  |    |  | 3  |   |    |    |   | 62          | Forwarded     | No        |
| 499     | PH 209      | Analog Electronics                                  | 1  | 2   | 6   | 3   | 9  | 9  | 10 | 7  |    |  | 13 |   |    |    |   | 60          | Forwarded     | No        |
| 500     | PH 211      | Electronics Laboratory -I                           |    | 45  | 10  | 1   | 3  |    |    |    |    |  |    |   |    |    |   | 59          | Forwarded     | No        |
| 501     | PH 281M     | Quantum Physics                                     |    | 1   | 1   |     |    |    |    |    |    | <u> </u>   |    |   |    |    |   | 2           | Forwarded     | No        |
| 502     | PH 301      | Statistical Mechanics                               |    | 3   | 9   | 7   | 18 | 12 | 4  | 4  |    |  | 3  |   |    |    |   | 60          | Forwarded     | No        |
| 503     | PH 303      | Quantum Mechanics II                                |    | 2   | 4   | 7   | 7  | 15 | 8  | 4  |    |  | 13 |   |    |    |   | 60          | Forwarded     | No        |
| 504     | PH 305      | Engineering Optics                                  |    | 4   | 11  | 9   | 14 | 10 | 8  | 2  |    |  | 3  |   |    |    |   | 61          | Forwarded     | No        |
| 505     | PH 307      | Atomic and Molecular Spectroscopy                   | 1  | 10  | 11  | 10  | 19 | 7  | 3  |    |    |  |    |   |    |    |   | 61          | Forwarded     | No        |
| 506     | PH 309      | Electronics Lab-II                                  |    | 13  | 14  | 23  | 9  | 1  | 1  |    |    |  |    |   |    |    |   | 61          | Forwarded     | No        |
| 507     | PH 312      | Mini Project  |    |     | 1   |     |    |    |    |    |    |  |    |   |    |    |   | 1           | Forwarded     | No        |
| 508     | PH 381M     | Computational Physics                               |    |     |     | 1   | 2  |    |    |    | 3  |  |    |   |    |    |   | 6           | Forwarded     | No        |
| 509     | PH 401      | Math Phy-I  |    | 3   | 12  | 7   | 14 | 8  | 7  | 2  |    |  | 3  | 2 |    |    |   | 58          | Forwarded     | No        |
| 510     | PH 403      | Classical Mechanics                                 |    | 3   | 11  | 10  | 8  | 7  | 14 | 2  |    |  | 2  |   |    |    |   | 57          | Forwarded     | No        |
| 511     | PH 405      | Quantum Mechanics-I                                 |    | 2   | 9   | 9   | 4  | 12 | 12 | 5  |    |  | 5  |   |    |    |   | 58          | Forwarded     | No        |
| 512     | PH 407      | Computer programming and numerical methods          |    | 8   | 13  | 15  | 9  | 4  | 3  | 2  |    |  | 1  | 2 |    |    |   | 57          | Forwarded     | No        |
| 513     | PH 409      | Electronics   |    | 2   | 6   | 17  | 14 | 8  | 3  | 6  |    |  |    |   |    |    |   | 56          | Forwarded     | No        |
| 514     | PH 411      | Electronics Lab                                     |    | 8   | 26  | 18  |    | 2  |    |    | 2  |  |    |   |    |    |   | 56          | Forwarded     | No        |
| 515     | PH 413      | Nanoelectronics and Nanophotonics                   |    | 7   | 5   | 4   | 3  | 2  |    |    | 2  |  |    |   |    |    | 1 | 23          | Forwarded     | No        |
| 516     | PH 415      | Simulation techniques in physical systems           | 1  | 7   | 10  | 10  | 12 | 12 | 5  | 1  |    | 1  |    |   |    |    | 1 | 58          | Forwarded     | No        |
| 517     | PH 419      | Materials Science and Engineering                   | 4  | 8   | 17  | 7   | 6  | 4  | 3  |    |    |  |    |   |    |    |   | 49          | Forwarded     | No        |
| 518     | PH 421      | Project-I   |    | 7   | 13  | 8   | 3  | 2  |    |    | 1  |  |    |   |    |    |   | 34          | Forwarded     | No        |
| 519     | PH 447      | Smart Materials and Devices                         |    | 4   | 7   | 4   | 1  | 4  |    |    |    | 1  |    |   |    |    |   | 20          | Forwarded     | No        |
| 520     | PH 460      | Electroceramics                                     |    | 1   | 6   | 4   | 4  | 4  | 5  | 2  |    | 1  |    |   |    |    |   | 26          | Forwarded     | No        |
| 521     | PH 481M     | Materials Science and Engineering                   |    |     | 2   |     | 1  | 1  |    |    |    |  |    |   |    |    |   | 4           | Forwarded     | No        |
| 522     | PH 501      | Electrodynamics II                                  |    |     | 2   | 13  | 16 | 11 | 3  | 1  | 1  |  |    |   |    |    |   | 47          | Forwarded     | No        |

| SI. No. | Course Code      | Course Name  | AS | AA | AB | ВВ       | ВС       | CC | CD  | DD | FA       | FD       | FP | I        | NP | PP  | Х | Grand Total | HoD Forwarded | Hard Copy |
|---------|------------------|--|----|----|----|----------|----------|----|-----|----|----------|----------|----|----------|----|-----|---|-------------|---------------|-----------|
|         |                  |  |    |    |    |          |          |    |     |    |          |          |    |          |    |     |   |             |               |           |
|         |                  |  |    |    |    |          |          |    |     |    |          |          |    |          |    |     |   |             |               |           |
| 523     | PH 503           | Atomic and Molecular Physics   |    | 4  | 5  | 11       | 16       | 8  | 4   | 2  | 1        |          |    |          |    |     |   | 51          | Forwarded     | No        |
| 524     | PH 505           | Solid State Physics  |    | 2  | 5  | 6        | 11       | 13 | 5   | 4  | 1        |          |    |          |    |     |   | 47          | Forwarded     | No        |
| 525     | PH 507           | Nuclear and Particle Physics   |    | 4  | 10 | 13       | 14       | 6  | 1   | 2  | 1        |          |    |          |    | 1   |   | 52          | Forwarded     | No        |
| 526     | PH 511           | General Physics Laboratory II  |    | 20 | 22 | 4        |          | 4  |     |    | 1        |          |    |          |    |     |   | 51          | Forwarded     | No        |
| 527     | PH 522           | Physics of Semiconductors  | 1  | 7  | 7  | 1        |          |    |     |    | 1        |          |    |          |    |     |   | 17          | Forwarded     | No        |
| 528     | PH 536           | Quantum Optics   |    |    |    |          |          |    | 1   |    |          |          |    |          |    | 1   |   | 2           | Forwarded     | No        |
| 529     | PH 543           | Quantum Field Theory   |    | 12 | 4  | 7        | 2        | 2  | 1   | 1  |          |          | 1  |          |    | 1   |   | 31          | Forwarded     | No        |
| 530     | PH 701           | Advanced Condensed Matter Physics                                      |    | 3  | 4  | 4        | 1        |    |     |    | 1        |          |    |          |    |     |   | 13          | Forwarded     | No        |
| 531     | PH 703           | Quantum Electronics  |    | 2  | 2  |          |          |    |     |    |          |          |    |          | 1  |     |   | 5           | Forwarded     | No        |
| 532     | PH 705           | Quantum Field Theory and the Standard Model                            |    | 2  |    | 3        | 3        | 2  |     |    |          |          |    |          |    |     |   | 10          | Forwarded     | No        |
| 533     | RA 501           | Fundamentals of Robotics   | 1  | 8  | 5  | 12       | 6        | 2  |     |    |          |          |    |          |    |     |   | 34          | Forwarded     | Yes       |
| 534     | RA 502           | Artificial Intelligence  | 1  | 4  | 10 | 11       | 5        | 1  |     |    |          |          |    |          | 3  |     |   | 35          | Forwarded     | No        |
| 535     | RA 503           | Robot Design Laboratory  | 2  | 10 | 18 | 1        | +        |    |     |    |          |          |    |          | +  |     |   | 31          | Forwarded     | Yes       |
| 536     | RA 504           | Programming Laboratory   |    | 4  | 21 | 7        |          |    |     |    |          |          |    |          |    |     |   | 32          | Forwarded     | No        |
| 537     | RA 507           | Technical Writing  |    | 1  | 11 | 3        | 2        | 1  |     |    |          |          |    |          |    |     |   | 18          | Forwarded     | No        |
| 538     | RA 598           | Project Phase 1  |    | 3  | 9  | 4        | -        |    | 1   |    |          |          |    | 1        | -  |     |   | 18          | Forwarded     | No        |
| 539     | RA 602           | Control Engineering for Robotics                                       |    | ļ  | 3  | <u> </u> |          | 1  | ļ . |    |          |          |    | -        | -  |     |   | 4           | Forwarded     | No        |
| 540     | RA 603           | CAD/CAM  |    | 2  | 2  | 4        |          |    |     |    |          |          |    |          |    |     |   | 8           | Forwarded     | Yes       |
| 541     | RT 504           | Rural Water Supply and Sanitation                                      |    | 1  | 2  | 3        | 1        |    |     |    |          |          |    |          |    |     |   | 7           | Forwarded     | Yes       |
| 542     | RT 510           | Research Methodology and Quantitative Techniques for Rural Development |    |    | 1  | 1        | 2        |    |     |    |          |          |    |          | -  |     | _ | 4           | Forwarded     | Yes       |
|         |                  | στο το τ                              |    |    |    |          |          |    |     |    |          |          |    |          |    |     |   |             |               |           |
| 543     | RT 516           | Product and Process Development in Food and Bioprocessing industries   |    |    | 3  | 4        | 3        |    |     |    |          |          |    |          | 1  |     |   | 11          | Forwarded     | Yes       |
| 544     | RT 523           | Rural Technology and Development                                       |    | 2  | 4  | 2        | -        |    |     |    |          |          |    |          |    | 3   | _ | 11          | Forwarded     | Yes       |
| 545     | RT 691           | Project Phase I  |    | 2  | 3  | 3        |          |    |     |    |          |          |    |          | -  | 3   |   | 8           | Forwarded     | Yes       |
| 546     | SA 201           | Athletics  |    |    | 3  | "        | -        |    |     |    |          |          |    |          |    | 59  |   | 59          | Pending       | Yes       |
| 547     | SA 202           | SA 202   |    |    |    |          |          |    |     |    |          |          |    |          |    | 58  |   | 60          | Pending       | Yes       |
| 548     | SA 203           | Volleyball   |    |    |    |          | -        |    |     |    |          |          |    |          |    | 80  |   | 80          | Pending       | Yes       |
| 549     | SA 204           | Football   |    |    |    |          |          |    |     |    |          |          |    |          |    | 78  |   | 80          | Pending       | Yes       |
| 550     | SA 204           | SA 205   |    |    |    |          |          |    |     |    |          |          |    |          |    | 97  |   | 100         | Pending       | Yes       |
| 551     | SA 206           | Cricket  |    |    |    |          | 1        |    |     |    |          |          |    |          |    | 79  |   | 79          | Pending       | Yes       |
| 552     | SA 200           | Badminton  |    |    |    |          | -        |    |     |    |          |          |    |          |    | 78  |   | 80          | Pending       | Yes       |
| 553     | SA 208           | SA 208   |    |    |    |          |          |    |     |    |          |          |    |          |    | 60  |   | 60          | Pending       | Yes       |
| 554     | SA 200           | SA 209   |    |    |    |          |          |    |     |    |          |          |    |          |    | 60  |   | 60          | Pending       | Yes       |
| 555     | SA 210           | YOGA   |    |    |    |          | -        |    |     |    |          |          |    |          |    | 237 |   | 252         | Pending       | Yes       |
| 556     | SA 216           | Weightlifting  |    |    |    |          | -        |    |     |    |          |          |    |          |    | 39  |   | 40          | Pending       | Yes       |
| 557     | SA 217           | Swimming   |    |    |    |          |          |    |     |    |          |          |    |          |    | 39  |   | 40          | Pending       | Yes       |
| 558     | SA 401           | Athletics  |    |    |    |          | -        |    |     |    |          |          |    |          |    | 29  |   | 29          | Pending       | No        |
| 559     | SA 401           | Basketball   |    |    |    |          |          |    |     |    |          |          |    | $\vdash$ |    | 29  |   | 30          | Pending       | No        |
| 560     | SA 402<br>SA 403 | Volleyball   |    |    |    | -        | 1        | -  | -   | -  | 1        | $\vdash$ |    | $\vdash$ |    | 30  |   | 30          | Pending       | No        |
| 561     | SA 403           | Football   |    |    |    |          |          | -  |     |    |          |          |    |          |    | 29  |   | 30          | Pending       | No        |
| 562     | SA 404<br>SA 405 | Hockey   |    |    |    |          |          |    |     |    |          |          |    | $\vdash$ |    | 18  | - | 19          | Pending       | No        |
| 563     | SA 405<br>SA 406 | Cricket  |    |    |    |          |          |    |     |    |          |          |    | $\vdash$ |    | 30  | - | 30          | Pending       | No        |
| 564     | SA 406<br>SA 407 | Badminton  |    |    |    | -        | <u> </u> |    | -   | -  | <u> </u> | $\vdash$ |    |          |    | 30  |   | 30          | Pending       | No        |
| 565     | SA 407           | Table Tennis   |    |    |    |          |          | -  |     |    |          |          |    |          |    | 29  |   | 29          | Pending       | No        |
|         |                  |  |    |    |    |          |          |    |     |    |          |          |    | $\vdash$ |    |     |   |             |               |           |
| 566     | SA 409           | Lawn Tennis  |    |    |    |          |          |    |     |    |          |          |    |          | 1  | 29  |   | 30          | Pending       | No        |

| SI. No. | Course Code | Course Name                                       | AS  | AA   | AB   | BB   | ВС   | CC   | CD   | DD   | FA  | FD | FP  | I  | NP | PP   | X  | Grand Total | HoD Forwarded | Hard Copy |
|---------|-------------|---|-----|------|------|------|------|------|------|------|-----|----|-----|----|----|------|----|-------------|---------------|-----------|
|         |             |   |     |      |      |      |      |      |      |      |     |    |     |    |    |      |    |             |               |           |
| 567     | SA 410      | Weightlifting                                     |     |      |      |      |      |      |      |      |     |    |     |    |    | 20   |    | 20          | Pending       | No        |
| 568     | SA 411      | Swimming  |     |      |      |      |      |      |      |      |     |    |     |    | 2  | 28   |    | 30          | Pending       | No        |
| 569     | SP 501      | Introduction to Sustainable Polymers              |     | 1    | 1    |      |      |      |      |      |     |    |     |    |    |      |    | 2           | Forwarded     | No        |
| 570     | SP 502      | Polymer Processing and Rheology                   |     | 3    | 2    |      | 1    |      |      |      |     |    |     |    |    |      |    | 6           | Forwarded     | Yes       |
| 571     | SP 503      | Polymer Synthesis and Characterization            |     | 2    | 7    | 1    |      |      |      |      |     |    |     |    |    |      |    | 10          | Forwarded     | Yes       |
| 572     | SP 511      | Polymer Processing and Rheology Laboratory        |     |      | 1    |      |      |      |      |      |     |    |     |    |    |      |    | 1           | Forwarded     | Yes       |
| 573     | SP 512      | Polymer Synthesis and Characterization Laboratory |     | 1    |      |      |      |      |      |      |     |    |     |    |    |      |    | 1           | Forwarded     | No        |
| 574     | SP 698      | Project -II                                       |     | 6    | 1    | 1    |      |      |      |      |     |    |     |    |    |      |    | 8           | Forwarded     | Yes       |
| 575     | CE 521      |   |     | 4    | 6    | 3    | 5    | 2    | 1    | 1    | 1   |    |     | 1  |    |      |    | 24          | Forwarded     | No        |
| 576     | CE 602      |   |     | 21   | 23   | 22   | 26   | 16   | 3    | 4    |     |    | 3   |    |    |      |    | 118         | Forwarded     | No        |
| 577     | CE 693      |   |     |      |      |      |      |      |      |      |     |    |     | 1  |    |      |    | 1           | Pending       | No        |
| 578     | CE 699      |   |     |      |      |      |      |      |      |      |     |    |     | 3  |    |      |    | 3           | Pending       | No        |
| 579     | CS 501      |   | 3   | 7    | 26   | 30   | 32   | 35   | 22   | 18   |     |    | 2   | 1  |    |      |    | 176         | Forwarded     | No        |
| 580     | DD 101      |   | 2   | 7    | 14   | 24   | 7    | 2    |      |      |     |    |     |    |    |      |    | 56          | Pending       | No        |
| 581     | EE 511n     |   |     | 6    | 4    | 11   | 2    |      |      |      | 1   |    |     |    |    |      |    | 24          | Forwarded     | No        |
| 582     | EE 695      |   |     | 8    | 14   | 50   | 21   | 26   | 16   | 12   |     |    | 1   |    |    | 1    |    | 149         | Pending       | No        |
| 583     | MA 201      |   | 1   | 26   | 95   | 158  | 143  | 97   | 76   | 68   | 2   | 3  | 62  | 1  |    |      |    | 732         | Forwarded     | No        |
| 584     | MA 499      |   |     |      |      |      |      |      |      |      | 1   |    |     |    |    |      |    | 1           | Forwarded     | No        |
| 585     | DM 697      |   |     |      |      |      |      |      |      |      |     |    |     | 1  |    |      |    | 1           | Pending       | No        |
| 586     | EE 311      |   |     |      |      |      |      |      |      |      | 1   |    |     |    |    |      |    | 1           | Pending       | No        |
| 587     | EE 699      |   |     |      | 1    | 2    |      |      |      |      |     |    |     |    |    |      |    | 3           | Forwarded     | Yes       |
|         | Total       |   | 171 | 4320 | 7111 | 7388 | 5615 | 3701 | 2334 | 1391 | 205 | 16 | 685 | 96 | 68 | 1684 | 11 |             |               |           |