

*Indian Institute of Technology Kharagpur*

*Central Time Table*

*Autumn Semester (2024–2025)*

July 23, 2024

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Academic Units must ensure at least two out of the three designated breadth slots are available for students. Subjects must be scheduled strictly in accordance with the time table slotting pattern. If cross slotting has to be done due to compelling reasons, then it can be done with one hour of ‘S’ slot along with a regular 3-hour slot.

## CENTRAL TIMETABLE: AUTUMN SEMESTER (2024 – 2025)

### TABLE-1 - TIME TABLE SLOT MATRIX

| Period | 1        | 2        | 3          | 4          | 5          |                                      | 6          | 7         | 8         | 9       |       |
|--------|----------|----------|------------|------------|------------|--------------------------------------|------------|-----------|-----------|---------|-------|
| Time   | 8:00 AM  | 9:00 AM  | 10:00AM -  | 11:00 AM-  | 12:00 Noon |                                      | 2:00 PM -  | 3:00 PM - | 4:00 PM - | 5:00 PM |       |
| Day    | -8:55 AM | -9:55 AM | 10:55 AM   | 11:55 AM   | -12:55 PM  |                                      | 2:55 PM    | 3:55 PM   | 4:55 PM   | 5:55 PM |       |
|        | A3(1)    |          |            |            | D3 (1)     | L<br>U<br>N<br>C<br>H<br>O<br>U<br>R | H3(1)      | U3(1, 2)  |           | S3(1)   |       |
|        | A2       |          | C3 (1)     | B3(1)      | D4 (1)     |                                      | U4(1, 2)   |           |           |         |       |
|        | A3(1, 2) |          | LAB SLOT:Q |            |            |                                      | LAB SLOT:J |           |           |         |       |
|        |          |          |            |            |            |                                      |            | U3(3)     | H2        |         |       |
| TUE    | B2       |          | D2         |            | A3(3)      |                                      | U4(3, 4)   |           | H3(2, 3)  |         |       |
|        |          |          | D3(2, 3)   |            |            |                                      | LAB SLOT:L |           |           |         |       |
|        | B3(2, 3) |          | LAB SLOT:K |            |            |                                      |            |           |           |         |       |
|        |          |          |            |            |            |                                      |            | X4(1)     | X4(2)     | X4(3)   | X4(4) |
| WED    | C2       |          | F3(1)      | G3(1)      | E3(1)      |                                      | LAB SLOT:X |           |           |         |       |
|        | C3(2, 3) |          | F4(1)      |            | E4(1)      |                                      |            |           |           |         |       |
|        | C4(2, 3) |          | LAB SLOT:R |            |            |                                      |            |           |           |         |       |
|        |          |          |            |            |            |                                      |            |           |           |         |       |
| THU    | D4(4)    | F3(2)    | C4(4)      | E3(2)      | G3(2)      | I2(1)                                | V2         |           |           |         |       |
|        |          |          | F4(2)      | E4(2)      |            | V3(1, 2)                             |            |           |           |         |       |
|        |          |          | LAB SLOT:M |            |            | V4(1, 2)                             |            | S3(2)     |           |         |       |
|        |          |          |            |            |            | LAB SLOT:N                           |            |           |           |         |       |
|        |          |          |            |            |            |                                      |            |           |           |         |       |
| FRI    | G3(3)    | E2       |            | F2         |            |                                      | V3(3)      | I2(2)     |           |         |       |
|        |          |          | E3(3)      | F3(3)      |            | V4(3, 4)                             |            |           |           |         |       |
|        |          |          | E4(3, 4)   |            | F4(3, 4)   | LAB SLOT:P                           |            |           |           |         |       |
|        |          |          |            | LAB SLOT:O |            |                                      |            |           |           |         |       |
| SAT    | EAA      |          |            |            |            |                                      |            |           |           |         |       |

|             |             |             |          |  |                      |                    |
|-------------|-------------|-------------|----------|--|----------------------|--------------------|
| 2 Hour Slot | 3 hour slot | 4 Hour Slot | Lab Slot | Lab Slot for 1 <sup>st</sup> year only | Special Slot for EAA | Offically No Class |
|-------------|-------------|-------------|----------|--|----------------------|--------------------|

## FIRST YEAR TIME – TABLE (New Curricula – 2024) – THEORY SUBJECTS

| CC | #   | A3          | B3          | C3/4        | D3/4        | E3/4        | F4          | G3                | U3/4        | V3/4        | S3(1)          | S3(2)       | S3(3)       |
|----|-----|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|----------------|-------------|-------------|
| AE | 70  |             |             |             |             | MA11003 – 1 | EC21201 – 1 | ME11003 – 1       | CY11003 – 1 |             | ME11003 – 1    |             |             |
| AG | 90  |             |             |             |             | MA11003 – 1 | EC21201 – 2 |                   | CY11003 – 1 |             |                |             |             |
| AI | 50  |             | CS10003 – 2 | ME11003 – 3 | PH11003 – 4 | MA11003 – 2 |             | ME11003 – 3 (G33) |             |             |                |             |             |
| AR | 39  |             |             |             |             |             |             |                   |             |             |                |             |             |
| BT | 70  | MA11003 – 7 |             |             |             |             | EC21201 – 1 |                   | CY11003 – 1 | BT10001     |                |             | MA11003 – 7 |
| CE | 119 | CE10001     | CS10003 – 3 | CE11001     |             | MA11003 – 3 |             |                   |             |             |                |             |             |
| CH | 114 | MA11003 – 7 |             | ME11003 – 3 | CH21203     |             |             | ME11003 – 3 (G33) |             | EC21201 – 3 |                |             | MA11003 – 7 |
| CS | 140 |             | CS10003 – 2 | EE11003 – 3 | PH11003 – 3 | MA11003 – 2 |             | ME11003 – 1, 2    |             |             | ME11003 – 1, 2 | EE11003 – 3 |             |
| EC | 150 |             | CS10003 – 4 | EC21203     |             | MA11003 – 4 | EC21206     |                   |             |             | EC12001        | EC12001     | EC12001     |
| EE | 112 |             |             | EE11005     |             | MA11003 – 5 |             | ME11003 – 2       | PH11003 – 2 |             | ME11003 – 2    |             |             |
| IE | 45  |             |             | EE11005     |             | MA11003 – 5 |             | ME11003 – 2       | PH11003 – 2 |             | ME11003 – 2    |             |             |
| IM | 72  | MA11003 – 8 | CS10003 – 3 | EE11003 – 2 |             |             |             | CY11003 – 2       |             |             | CY11003 – 2    | EE11003 – 2 | MA11003 – 8 |
| ME | 171 | MA11003 – 6 | CS10003 – 1 | EE11003 – 1 |             |             |             |                   |             | PH11003 – 1 |                | EE11003 – 1 | MA11003 – 6 |
| MF | 65  | MA11003 – 6 | CS10003 – 1 | EE11003 – 3 |             |             |             |                   |             | PH11003 – 1 |                | EE11003 – 3 | MA11003 – 6 |
| MI | 110 | MA11003 – 8 |             | EE11003 – 2 |             |             |             |                   | ME11003 – 4 | EC21201 – 4 |                | EE11003 – 2 | MA11003 – 8 |
| MT | 92  |             |             | CY11003 – 3 |             | MA11003 – 3 | EC21201 – 2 | ME11003 – 1       |             |             | ME11003 – 1    | CY11003 – 3 |             |
| NA | 79  |             | CS10003 – 4 |             |             | MA11003 – 4 |             | CY11003 – 2       |             |             | CY11003 – 2    |             |             |
| CY | 45  | MA11003 – 7 | CY10001     | CY11007     | PH11003 – 3 |             |             |                   |             | CY11005     |                |             | MA11003 – 7 |
| EX | 44  |             |             | GG21207     | PH11003 – 4 | MA11003 – 5 | GG20205     |                   | ME11003 – 4 |             |                |             |             |
| GG | 48  |             |             | GG21207     | PH11003 – 4 | MA11003 – 2 | GG20205     |                   | GG20211     |             |                |             |             |
| HS | 59  |             | CS10003 – 2 | EM11001     |             | MA11003 – 1 | EC21201 – 1 |                   |             |             |                | EM11001     |             |
| MA | 69  | MA11007     |             | CY11003 – 3 | MA11005     |             |             |                   |             | EC21201 – 4 |                | CY11003 – 3 | MA11007     |
| PH | 48  | MA11003 – 8 | CS10003 – 3 |             | PH11003 – 4 |             |             |                   |             | EC21201 – 3 |                |             | MA11003 – 8 |

|         |                              |         |  |         |                                     |         |                         |
|---------|------------------------------|---------|--|---------|-------------------------------------|---------|-------------------------|
| MA11003 | <i>Advanced Calculus</i>     | CS10003 | <i>Programming and Data Structures</i> | EC21201 | <i>Basic Electronics</i>            | PH11003 | <i>Physics of Waves</i> |
| EE11003 | <i>Electrical Technology</i> | ME11003 | <i>Basic Engineering Mechanics</i>     | EE11005 | <i>Basic Electrical Engineering</i> | CY11003 | <i>Chemistry</i>        |

- Numbers mentioned right to the subject number is the **SECTION** for that particular subject (Section grouping details in page no 9 to 12)
- **G33 Means 3<sup>rd</sup> hour of G3 slot**
- **Additional slots for EAA has been allotted on Mondays, Tuesdays, Thursdays and Fridays from 6:30 PM – 8:30 PM**

## FIRST YEAR TIME – TABLE (New Curricula – 2024) – LABORATORY SUBJECTS

| CC | #   | Monday      |             | Tuesday            |               | Wednesday       |             | Thursday           |             | Friday      |                    |
|----|-----|-------------|-------------|--------------------|---------------|-----------------|-------------|--------------------|-------------|-------------|--------------------|
|    |     | Q           | J           | K                  | L             | R               | X           | M                  | N           | O           | P                  |
| AE | 70  | EC29201 – 1 |             | CY19003 – 1        |               |                 |             |                    |             |             |                    |
| AG | 90  | EC29201 – 1 |             | CE13003 (+B33) – 1 |               |                 | CY19003 – 2 |                    |             |             |                    |
| AI | 50  |             |             |                    |               |                 | PH19003     |                    | CS19003 – 5 |             | CE13003 (+S33) – 2 |
| AR | 39  |             |             |                    |               |                 |             |                    |             |             |                    |
| BT | 70  | CY19003 – 3 |             |                    |               |                 | BT19001     | EC29201 – 2        |             |             |                    |
| CE | 119 |             |             |                    | CE13005(+H33) |                 | CS19003 – 2 |                    |             |             |                    |
| CH | 114 |             | EN19003     |                    |               | EC29201 – 4     |             |                    |             |             |                    |
| CS | 140 |             | PH19003     |                    | CS19003 – 3   |                 | PH19003     |                    |             |             |                    |
| EC | 150 |             |             | EC29203            | EC29203       |                 |             |                    | CS19003 – 5 |             | EC12001            |
| EE | 112 |             |             | EE19005            |               |                 | EE19005     |                    |             |             | CE13003 (+S33) – 2 |
| IE | 45  |             |             | EE19005            |               |                 | EE19005     |                    |             |             | CE13003 (+S33) – 2 |
| IM | 72  |             |             |                    | CY19003 – 5   |                 |             |                    | ME29201 – 1 |             | CS19003 – 4        |
| ME | 171 |             | CS19003 – 1 |                    |               | PH19003/ME29201 |             | PH19003/ME29201    |             |             |                    |
| MF | 65  |             |             |                    | PH19003 – 5   |                 | CS19003 – 2 |                    |             | ME29201 – 4 |                    |
| MI | 110 |             |             |                    |               |                 |             | CE13003 (+F42) – 3 |             | EC29201 – 3 |                    |
| MT | 92  |             |             | EC29201 – 5        |               |                 | CE13003 – 4 |                    | CY19003 – 6 |             |                    |
| NA | 79  |             | CY19003 – 7 | CS19003 – 6        |               |                 | CE13003 – 4 |                    | EN19003     |             |                    |
| CY | 45  |             |             |                    | PH19003 – 5   |                 |             |                    |             |             | CY19003 – 4        |
| EX | 44  |             |             |                    |               |                 |             |                    | PH19003 – 6 |             | GG29209            |
| GG | 48  |             |             |                    |               |                 | GG29209     |                    | PH19003 – 6 |             |                    |
| HS | 59  |             |             | EC29201 – 5        |               |                 |             |                    |             |             | CS19003 – 4        |
| MA | 69  |             |             |                    |               |                 |             | EC29201 – 2        |             | CY19003 – 4 |                    |
| PH | 48  |             |             |                    | CS19003 – 3   | PH19003         |             |                    |             | EC29201 – 3 |                    |

|         |   |         |   |         |                |         |                        |
|---------|---|---------|---|---------|----------------|---------|------------------------|
| CS19003 | Programming and Data Structures Lab.      | EC29201 | Basic Electronics Lab.                        | CY19003 | Chemistry Lab. | PH19003 | Physics Laboratory     |
| CE13003 | Engineering Drawing and Computer Graphics | ME29201 | Introduction to Basic Manufacturing Processes |         |                | EN19003 | Engineering Laboratory |

- Numbers mentioned right to the subject number is the **SECTION** for that particular subject (Section grouping details in page no 9 to 12)
- Additional slots for EAA has been allotted on Mondays, Tuesdays, Thursdays and Fridays from 6:30 PM – 8:30 PM **F42: 2<sup>nd</sup> hour of F4 slot** **S33: 3<sup>rd</sup> hour of S3 slot**

## COMMON SUBJECTS AND BREADTH SLOTS FOR SECOND YEAR (New Curricula – 2021)

*DEPARTMENTS MAY FIX THE REMAINING CORE/ELECTIVE SUBJECTS IN THE AVAILABLE SLOTS*

| Course           | Students | A3          | B3          | C3/4        | D3/4        | E3/4    | F4      | G3      | U3/4    | X      | S3(1)   |
|------------------|----------|-------------|-------------|-------------|-------------|---------|---------|---------|---------|--------|---------|
| AE               | 67       |             |             | EC21201 – 5 |             |         | B       | MA20201 | Closed  |        |         |
| AG               | 90       | MA20205 - 5 | MA20203 - 2 |             |             |         | ME21201 |         |         |        |         |
| AR               | 25       |             |             |             |             |         | B       | B       |         |        |         |
| BT               | 66       |             | MA20205 - 6 |             |             |         |         |         |         |        |         |
| CE               | 113      | MA20205 - 5 |             | CE21201     |             |         | B       | B       |         |        |         |
| CH               | 112      |             | HSS         |             | CH21203     |         |         | HSS     |         |        |         |
| CS               | 142      |             | MA20205 - 2 | EC21201 – 6 |             | EE21201 |         |         | Closed  |        |         |
| EC               | 149      |             | MA20205 - 4 |             |             |         |         |         |         |        |         |
| EE               | 110      | MA20205 - 1 | HSS         | EE21203     |             | EE21201 | EE21205 | HSS     |         |        |         |
| IE               | 43       |             | MA20205 - 2 | EE21203     |             | EE21201 | EE21205 | B       |         |        |         |
| IM               | 72       |             | MA20205 - 6 | EC21201 – 7 |             |         | IM21201 | HS21201 |         |        | HS21201 |
| ME               | 166      |             | MA20203 – 3 | ME21203     |             | ME21205 | ME21201 | B       |         |        |         |
| MF               | 66       |             | MA20205 - 4 | ME21203     |             | ME21205 | ME21207 | B       |         |        |         |
| MI               | 107      | MA20205 - 3 |             | CE21201     |             |         |         |         |         |        |         |
| MT               | 91       | MA20205 - 3 | HSS         |             |             |         | B       | B / HSS |         |        |         |
| NA               | 78       | MA20205 - 7 | HSS         | EC21201 – 5 |             |         | ME21201 | HSS     |         | Closed |         |
| B. S.<br>(4 Yr.) | CY       | 39          |             | MA20205 - 6 | EC21201 – 6 |         |         |         |         |        |         |
|                  | EX       | 43          | MA20205 - 1 | MA20203 – 1 | GG20005     |         | GG20205 |         | GG20211 |        |         |
|                  | GG       | 50          |             | MA20203 – 1 | GG21207     |         | GG20205 |         | GG20211 |        |         |
|                  | HS       | 59          | MA20205 – 7 | MA20203 – 1 |             |         | IM21201 | HSS     |         |        |         |
|                  | MA       | 69          | MA20205 - 7 | MA20203 – 2 | EC21201 – 7 |         |         | MA20201 | Closed  |        |         |
|                  | PH       | 43          | MA20205 - 1 |             | EC21201 – 7 |         |         |         |         |        | Closed  |

- Numbers mentioned right to the subject number is the **SECTION** for that particular subject (Section grouping details in page no 12 to 17)
- **B:** - Breadth Subjects (Allocation will be made in these slots) **HS21201** – Economics in G3 + S3(1) slot
- **Additional slots for EAA has been allotted on Mondays, Tuesdays, Thursdays and Fridays from 6:30 PM – 8:30 PM**

## COMMON SUBJECTS AND BREADTH SLOTS FOR THIRD YEAR (New Curricula – 2021)

*DEPARTMENTS MAY FIX THE REMAINING DEPTH CORE/DEPTH ELECTIVE SUBJECTS IN THE AVAILABLE SLOTS*

| CC               | No. of Students      | A3      | B3      | C3/4        | D4      | E3/4    | F4      | G3      | U3/4 | S31     | S32     |
|------------------|----------------------|---------|---------|-------------|---------|---------|---------|---------|------|---------|---------|
| AE               | 69 + 1(FP) + 1(EP)   |         | EP61201 |             |         |         |         |         |      |         | EP61201 |
| AG               | 89 + 8(FP) + 7(EP)   |         | EP61201 |             |         |         | B       | B       |      |         | EP61201 |
| AR               | 35                   |         |         | CE31001     |         |         | EE30024 |         |      |         |         |
| BT               | 67 + 1(FP) + 1(EP)   |         | EP61201 |             | CH21203 |         | B       | B       |      |         | EP61201 |
| CE               | 102 + 3(FP) + 1(EP)  |         | EP61201 | CE31001     |         |         |         |         |      |         | EP61201 |
| CH               | 125 + 14(FP) + 1(EP) |         | EP61201 |             |         |         |         |         |      |         | EP61201 |
| CS               | 154 + 1(FP)          |         |         |             |         |         | B       | B       |      |         |         |
| EC               | 165 + 1(FP) + 1(EP)  |         | EP61201 |             |         |         |         |         |      |         | EP61201 |
| EE               | 124 + 3(FP) + 1(EP)  |         | EP61201 | EE40013     | EE31011 | EE31009 |         |         |      |         | EP61201 |
| IE               | 48 + 1(EP)           |         | EP61201 | EE40013     |         | EE31009 |         |         |      |         | EP61201 |
| IM               | 79 + 3(FP) + 1(EP)   |         | EP61201 | IM31005     |         |         | B       | B       |      |         | EP61201 |
| ME               | 167 + 15(FP) + 1(EP) | MT30001 | EP61201 | ME30005     | ME31201 | ME31203 |         | ME30602 |      | ME30602 | EP61201 |
| MF               | 63 + 1(FP) + 1(EP)   | MT30001 | EP61201 | ME30005     | ME31201 | ME31203 |         | ME30602 |      | ME30602 | EP61201 |
| MI               | 109 + 7(FP) + 1(EP)  |         | EP61201 |             |         |         |         |         |      |         | EP61201 |
| MT               | 85 + 2(FP) + 1(EP)   |         | EP61201 |             |         |         |         |         |      |         | EP61201 |
| NA               | 76 + 2(FP) + 1(EP)   |         | EP61201 |             |         |         |         |         |      |         | EP61201 |
| B. S.<br>(4 Yr.) | CY                   | 42      |         |             |         |         | B       | B       |      |         |         |
|                  | EX                   | 49      |         |             |         |         |         |         |      |         |         |
|                  | GG                   | 51      |         | MA20205 - 6 |         |         |         |         |      |         |         |
|                  | HS                   | 63      |         |             |         |         | B       | EM30203 |      |         |         |
|                  | MA                   | 76      |         |             |         |         | B       | B       |      |         |         |
|                  | PH                   | 45      |         |             |         |         | B       | B       |      |         |         |

- **B** Breadth Elective Subjects (Allocation will be made in these slots)
- **FP** Interdisciplinary Dual Degree Program of Financial Engineering
- **EP** Interdisciplinary Dual Degree Program of Engineering Entrepreneurship. - EP61201 (Entrepreneurship Essentials) is in B3 + S32 slot
- **PT** Dual Degree Program in Petroleum Engineering

## COMMON SUBJECTS AND BREADTH SLOTS FOR FOURTH YEAR (New Curricula – 2021)

DEPARTMENTS ARE MAY FIX THE REMAINING CORE/ELECTIVE SUBJECTS IN THE AVAILABLE SLOTS

| Course            | No. of Students                         | A3          | B3 | C4 | D3/4 | E3/4 | F4                                   | G3          | U3/4 | S3(1)   |
|-------------------|---|-------------|----|----|------|------|--------------------------------------|-------------|------|---------|
| AE                | 46 + 3 (FP) + 1 (EP) + 5 (AI)           | AI61005     |    |    |      |      | B / BM60112 / EP61205 / AI61003      | B / HS30203 |      | AI61005 |
| AG                | 34 + 6 (FP) + 7 (EP) + 1 (AI)           | AI61005     |    |    |      |      | B / BM60112 / EP61205                | B / HS30203 |      | AI61005 |
| AR                | 40                                      |             |    |    |      |      | B                                    | B           |      |         |
| BT                | 30 + 2 (FP) + 3 (EP) + 2 (AI)           | AI61005     |    |    |      |      | B / BM60112 / EP61205 / AI61003      | B           |      | AI61005 |
| CE                | 73 + 4 (FP) + 1 (EP) + 5 (AI)           | AI61005     |    |    |      |      | B / BM60112 / EP61205 / AI61003      | B / HS30203 |      | AI61005 |
| CH                | 82 + 11 (FP) + 1 (EP) + 1 (PE) + 3 (AI) | AI61005     |    |    |      |      | B / BM60112 / EP61205 / AI61003 / PE | B / HS30203 |      | AI61005 |
| CS                | 90 + 1 (AI)                             | AI61005     |    |    |      |      |                                      |             |      | AI61005 |
| EC                | 98 + 2 (FP) + 1 (AI)                    | AI61005     |    |    |      |      | B / BM60112 / AI61003                | B / HS30203 |      | AI61005 |
| EE                | 88 + 2 (FP) + 2 (AI)                    | AI61005     |    |    |      |      | B / BM60112 / AI61003                | B / HS30203 |      | AI61005 |
| IE                | 45 + 1 (FP) + 1 (EP) + 3 (AI)           | AI61005     |    |    |      |      | EP61205 / BM60112 / B / AI61003      | B           |      | AI61005 |
| IM                | 47 + 10 (FP) + 2 (EP) + 1 (AI)          | AI61005     |    |    |      |      | EP61205 / BM60112                    | HS30203     |      | AI61005 |
| ME                | 106 + 7 (FP) + 4 (EP) + 2 (AI)          | AI61005     |    |    |      |      | EP61205 / BM60112 / AI61003          | HS30203     |      | AI61005 |
| MF                | 45 + 2 (FP) + 1 (EP) + 1 (AI)           | AI61005     |    |    |      |      | BM60112 / EP61205 / AI61003          | HS30203     |      | AI61005 |
| MI                | 41 + 3 (FP) + 7 (EP) + 1 (AI) + 1 (PE)  | AI61005     |    |    |      |      | B / BM60112 / EP61205 / PE           | B / HS30203 |      | AI61005 |
| MT                | 50 + 6 (FP) + 1 (EP) + 5 (AI)           | AI61005     |    |    |      |      | B / BM60112 / EP61205 / AI61003      | B / HS30203 |      | AI61005 |
| NA                | 30 + 1 (FP) + 2 (EP) + 3 (AI)           | AI61005     |    |    |      |      | BM60112 / EP61205 / AI61003          | HS30203     |      | AI61005 |
| B. S.<br>(4 Yr.)  | CY                                      | 28          |    |    |      |      | B                                    | B           |      |         |
|                   | EX                                      | 20          |    |    |      |      |                                      |             |      |         |
|                   | GG                                      | 34 + 3 (PE) |    |    |      |      | PE                                   |             |      |         |
|                   | HS                                      | 65          |    |    |      |      |                                      |             |      |         |
|                   | MA                                      | 76          |    |    |      |      |                                      |             |      |         |
|                   | PH                                      | 41          |    |    |      |      |                                      |             |      |         |
| M. Sc.<br>(5 Yr.) | CY                                      | 5           |    |    |      |      |                                      |             |      |         |
|                   | EX                                      | 2           |    |    |      |      | B                                    | B           |      |         |
|                   | GG                                      | 3           |    |    |      |      |                                      |             |      |         |
|                   | HS                                      | 3           |    |    |      |      |                                      |             |      |         |
|                   | MA                                      | 3           |    |    |      |      |                                      |             |      |         |
|                   | PH                                      | 4           |    |    |      |      | B                                    | B           |      |         |

- **FP** Indicates students from Interdisciplinary Dual Degree Program : **Financial Engineering: BM60112 and HS30203 (As Depth Elective FE – I) for FP students only**
- **EP** Indicates students from Interdisciplinary Dual Degree Program : **Engineering Entrepreneurship EP61205 for EP students only**
- **PE** Dual Degree Program in **Petroleum Engineering**
- **AI** Indicates students from Interdisciplinary Dual Degree Program : **Centre of Excellence in Artificial Intelligence AI61005 and AI61003 for AI students only**
- **B: - Breadth Elective Subjects** (Allocation will be made in these slots)

**COMMON SUBJECTS AND BREADTH SLOTS FOR FOURTH YEAR (Dual Degree) (New Curricula)**

**DEPARTMENTS MAY FIX THE REMAINING CORE/ELECTIVE SUBJECTS IN THE AVAILABLE SLOTS**

| CC  | No. of Students | A3 | B3 | C4 | D3/4 | E3/4 | F4 | G3 | U3/4 |
|-----|-----------------|----|----|----|------|------|----|----|------|
| AE1 | 27              |    |    |    |      |      |    |    |      |
| AGD | 29              |    |    |    |      |      | B  | B  |      |
| BT1 | 25              |    |    |    |      |      | B  | B  |      |
| CED | 27              |    |    |    |      |      | B  | B  |      |
| CH1 | 32              |    |    |    |      |      | B  | B  |      |
| CS2 | 66              |    |    |    |      |      |    |    |      |
| ECD | 65              |    |    |    |      |      |    |    |      |
| EED | 34              |    |    |    |      |      | B  | B  |      |
| IE4 | 3               |    |    |    |      |      | B  | B  |      |
| IE5 | 5               |    |    |    |      |      | B  | B  |      |
| IM1 | 21              |    |    |    |      |      |    |    |      |
| MED | 72              |    |    |    |      |      |    |    |      |
| MF1 | 23              |    |    |    |      |      |    |    |      |
| MI1 | 19              |    |    |    |      |      | B  | B  |      |
| MI3 | 11              |    |    |    |      |      | B  | B  |      |
| MT1 | 22              |    |    |    |      |      | B  | B  |      |
| NA1 | 27              |    |    |    |      |      |    |    |      |
| QE  | 1               |    |    |    |      |      |    |    |      |

**B: - Breadth Subjects (Allocation will be made in these slots)**



**COMMON SUBJECTS AND BREADTH SLOTS FOR FIFTH YEAR (New Curricula)**

Only the following disciplines have Breadth/HSS components

THESE AND THE OTHER DEPARTMENTS MAY FIX THE REMAINING CORE/ELECTIVE SUBJECTS IN THE AVAILABLE SLOTS

| CC             | No. of Students | A3 | B3 | C4 | D3/4 | E3/4 | F4 | G3 | U3/4 |
|----------------|-----------------|----|----|----|------|------|----|----|------|
| AE             | 46              |    |    |    |      |      | B  | B  |      |
| CH             | 49              |    |    |    |      |      | B  | B  |      |
| EC7            | 12              |    |    |    |      |      | B  | B  |      |
| EC8            | 5               |    |    |    |      |      | B  | B  |      |
| EC9            | 59              |    |    |    |      |      | B  | B  |      |
| MI1            | 28              |    |    |    |      |      | B  | B  |      |
| MI3            | 13              |    |    |    |      |      | B  | B  |      |
| M. Sc. (5 Yr.) | EX              | 21 |    |    |      |      | B  | B  |      |

## SLOT ALLOCATION FOR COMMON SUBJECTS OF FIRST, SECOND, THIRD AND FOURTH YEAR

### 1. MA11003

### Advanced Calculus

3-1-0

| Section | Departments  | No. of Students | Slot  | Room  |
|---------|--------------|-----------------|-------|-------|
| 1       | AG + AE + HS | 219             | E     | NR111 |
| 2       | AI + CS + GG | 238             | E     | NR112 |
| 3       | CE + MT      | 211             | E     | NR211 |
| 4       | EC + NA      | 229             | E     | NR212 |
| 5       | EE + EX + IE | 201             | E     | NR311 |
| 6       | ME + MF      | 236             | A+S33 | NR111 |
| 7       | BT + CH + CY | 228             | A+S33 | NR112 |
| 8       | IM + MI + PH | 230             | A+S33 | NR211 |

### 2. CS10003

### Programming and Data Structures

3-0-0

| Section | Departments  | No. of Students | Slot | Room  |
|---------|--------------|-----------------|------|-------|
| 1       | ME + MF      | 236             | B    | NR111 |
| 2       | AI + CS + HS | 249             | B    | NR112 |
| 3       | CE + IM + PH | 239             | B    | NR211 |
| 4       | EC + NA      | 229             | B    | NR212 |

### 3. CS19003

### Programming and Data Structures Laboratory

0-0-3

| Section | Departments | No. of Students | Slot | Room                      |
|---------|-------------|-----------------|------|---------------------------|
| 1       | ME          | 171             | J    | <b>In the<br/>PC Labs</b> |
| 2       | CE + MF     | 184             | X    |                           |
| 3       | PH + CS     | 188             | L    |                           |
| 4       | IM + HS     | 131             | P    |                           |
| 5       | EC + AI     | 200             | N    |                           |
| 6       | NA          | 79              | K    |                           |

S33: 3<sup>rd</sup> hour of S3 slot

**4. EC21201 (1<sup>st</sup> Year)****Basic Electronics****3-1-0**

| Section | Departments  | No. of Students | Slot | Room  |
|---------|--------------|-----------------|------|-------|
| 1       | AE + BT + HS | 198             | F    | NR111 |
| 2       | AG + MT      | 182             | F    | NR112 |
| 3       | CH + PH      | 162             | V    | NR111 |
| 4       | MA + MI      | 179             | V    | NR112 |

**5. EC29201 (1<sup>st</sup> Year)****Basic Electronics Laboratory****0-0-3**

| Section | Departments | No. of Students | Slot | Room                         |
|---------|-------------|-----------------|------|------------------------------|
| 1       | AE + AG     | 160             | Q    | <b>In the<br/>Department</b> |
| 2       | BT + MA     | 138             | M    |                              |
| 3       | MI + PH     | 158             | O    |                              |
| 4       | CH          | 114             | R    |                              |
| 5       | HS + MT     | 151             | K    |                              |

**6. CY11003****Chemistry****3-1-0**

| Section | Departments  | No. of Students | Slot   | Room  |
|---------|--------------|-----------------|--------|-------|
| 1       | AE + AG + BT | 229             | U      | NR111 |
| 2       | IM + NA      | 151             | G+S31  | NR111 |
| 3       | MA + MT      | 161             | C3+S32 | NR111 |

**7. CY19003****Chemistry Laboratory****0-0-3**

| Section | Departments | No. of Students | Slot | Room                         |
|---------|-------------|-----------------|------|------------------------------|
| 1       | AE          | 70              | K    | <b>In the<br/>Department</b> |
| 2       | AG          | 90              | X    |                              |
| 3       | BT          | 69              | Q    |                              |
| 4       | MA + CY     | 113             | O    |                              |
| 5       | IM          | 72              | L    |                              |
| 6       | MT          | 92              | N    |                              |
| 7       | NA          | 79              | J    |                              |

S31: 1<sup>st</sup> hour of S3 slotS32: 2<sup>nd</sup> hour of S3 slot

**8. EE11003****Electrical Technology****3-1-0**

| Section | Departments | No. of Students | Slot   | Room  |
|---------|-------------|-----------------|--------|-------|
| 1       | ME          | 171             | C3+S32 | NR112 |
| 2       | IM + MI     | 182             | C3+S32 | NR211 |
| 3       | CS + MF     | 205             | C3+S32 | NR212 |

**9. ME11003****Basic Engineering Mechanics****3-1-0**

| Section | Departments               | No. of Students | Slot   | Room  |
|---------|---------------------------|-----------------|--------|-------|
| 1       | AE + MT + CS* (Group - 1) | 232             | G+S31  | NR112 |
| 2       | EE + IE + CS* (Group - 2) | 227             | G+S31  | NR211 |
| 3       | AI + CH                   | 164             | C3+G33 | NR411 |
| 4       | EX + MI                   | 154             | U      | NR112 |

\* First Year CS students (140) are divided equally among Section 1 and 2

**10. PH11003****Physics of Waves****3-1-0**

| Section | Departments       | No. of Students | Slot | Room  |
|---------|-------------------|-----------------|------|-------|
| 1       | ME + MF           | 236             | V    | NR211 |
| 2       | EE + IE           | 157             | U    | NR211 |
| 3       | CS + CY           | 185             | D    | NR111 |
| 4       | AI + EX + GG + PH | 190             | D    | NR112 |

**11. PH19003****Physics Laboratory****0-0-3**

| Section | Departments | No. of Students | Slot | Room                         |
|---------|-------------|-----------------|------|------------------------------|
| 1, 2    | ME + PH     | 219             | M, R | <b>In the<br/>Department</b> |
| 3, 4    | CS + AI     | 190             | J, X |                              |
| 5       | CY + MF     | 110             | L    |                              |
| 6       | EX + GG     | 92              | N    |                              |

S31: 1<sup>st</sup> hour of S3 slot

S32: 2<sup>nd</sup> hour of S3 slot

G33: 3<sup>rd</sup> hour of G3 slot

## 12. CE13003

## Engineering Drawing and Computer Graphics

1-0-3

| Section | Departments  | No. of Students | Slot  | Room       |
|---------|--------------|-----------------|-------|------------|
| 1       | AG           | 90              | K+B33 | S301, S302 |
| 2       | AI + EE + IE | 207             | P+S33 |            |
| 3       | MI           | 110             | M+F42 |            |
| 4       | MT + NA      | 171             | X     |            |

## 13. EE11005

## Basic Electrical Engineering

3-1-0

| Section | Departments | No. of Students | Slot | Room  |
|---------|-------------|-----------------|------|-------|
| 1       | EE + IE     | 157             | C    | NR311 |

## 14. EE19005

## Basic Electrical Engineering Laboratory

0-0-3

| Section | Departments | No. of Students | Slot | Room       |
|---------|-------------|-----------------|------|------------|
| 1       | EE + IE     | 157             | K, X | Department |

## 15. EN19003

## Engineering Laboratory

0-0-3

| Section | Departments | No. of Students | Slot | Room              |
|---------|-------------|-----------------|------|-------------------|
| 1       | NA          | 79              | N    | In the Department |
| 2       | CH          | 114             | J    |                   |

16. ME29201 (1<sup>st</sup> Year)

## Introduction to Basic Manufacturing Processes

0-0-3

| Section | Departments | No. of Students | Slot | Room              |
|---------|-------------|-----------------|------|-------------------|
| 1       | IM          | 72              | N    | In the Department |
| 2, 3    | ME          | 171             | R, M |                   |
| 4       | MF          | 65              | O    |                   |

## 17. MA20201

## Numerical Solution of Ordinary and PDE

3-0-0

| Section | Departments       | No. of Students | Slot | Room  |
|---------|-------------------|-----------------|------|-------|
| 1       | AE (67) + MA (69) | 136             | G3   | NR221 |

F42: 2<sup>nd</sup> hour of F4 slotS33: 3<sup>rd</sup> hour of S3 slot

## 18. MA20203

## Theory of Partial Differential Equations

3-0-0

| Section | Departments                 | No. of Students | Slot | Room  |
|---------|-----------------------------|-----------------|------|-------|
| 1       | HS (59) + EX (43) + GG (50) | 152             | B3   | NR221 |
| 2       | AG (90) + MA (69)           | 159             | B3   | NR222 |
| 3       | ME (166)                    | 166             | B3   | NR422 |

## 19. MA20205

## Probability and Statistics

3-0-0

| Section | Departments  | No. of Students | Slot | Room  |
|---------|--|-----------------|------|-------|
| 1       | EE (110) + EX (43) + PH (43)                               | 196             | A3   | NR221 |
| 2       | CS (142) + IE (43)   | 185             | B3   | NR321 |
| 3       | MI (107) + MT (91)   | 198             | A3   | NR222 |
| 4       | EC (149) + MF (66)   | 215             | B3   | NR322 |
| 5       | CE (113) + AG (90)   | 203             | A3   | NR321 |
| 6       | CY (39) + IM (72) + BT (66) + GG (3 <sup>rd</sup> Yr) (51) | 228             | B3   | NR121 |
| 7       | HS (59) + MA (69) + NA (78)                                | 206             | A3   | NR322 |

20. EC21201 (2<sup>nd</sup> Year)

## Basic Electronics

3-1-0

| Section | Departments                | No. of Students | Slot | Room  |
|---------|----------------------------|-----------------|------|-------|
| 5       | AE (67) + NA (78)          | 145             | C4   | NR221 |
| 6       | CS (142) + CY (39)         | 181             | C4   | NR222 |
| 7       | MA (69) + IM (72) + PH(43) | 184             | C4   | NR321 |

21. EC29201 (2<sup>nd</sup> Year)

## Basic Electronics Laboratory

0-0-3

| Section | Departments       | No. of Students | Slot | Room                 |
|---------|-------------------|-----------------|------|----------------------|
| 6       | AE (67) + MA (69) | 136             | J    | In the<br>Department |
| 7       | CS (142)          | 142             | L    |                      |
| 8       | CY (39) + IM (72) | 111             | N    |                      |
| 9       | NA (78) + PH (43) | 121             | X    |                      |

22. **EE21201** **Signals and Systems** **3-1-0**

| Section | Departments        | No. of Students | Slot | Room  |
|---------|--------------------|-----------------|------|-------|
| 1       | CS (142)           | 142             | E4   | NR321 |
| 2       | EE (110) + IE (43) | 153             | E4   | NR322 |

23. **EE29201** **Signals and Networks Laboratory** **0-0-3**

| Section | Departments        | No. of Students | Slot          | Room       |
|---------|--------------------|-----------------|---------------|------------|
| 1       | EE (110) + IE (43) | 153             | J + N + P + X | Department |

24. **EE21203** **Network Analysis** **3-1-0**

| Section | Departments        | No. of Students | Slot | Room  |
|---------|--------------------|-----------------|------|-------|
| 1       | EE (110) + IE (43) | 153             | C4   | NR322 |

25. **EE21205** **Analog Electronic Circuits** **3-1-0**

| Section | Departments        | No. of Students | Slot | Room  |
|---------|--------------------|-----------------|------|-------|
| 1       | EE (110) + IE (43) | 153             | F4   | NR322 |

26. **IM21201** **Operations Research** **3-1-0**

| Section | Departments       | No. of Students | Slot | Room         |
|---------|-------------------|-----------------|------|--------------|
| 1       | HS (59) + IM (72) | 131             | F4   | NR223, NR224 |

27. **CE21201** **Solid Mechanics** **3-1-0**

| Section | Department          | No. of Students | Slot | Room         |
|---------|---------------------|-----------------|------|--------------|
| 1       | CE (113) + MI (107) | 220             | C4   | NR323, NR324 |

28. **ME21201** **Fluid Mechanics** **3-1-0**

| Section | Department        | No. of Students | Slot | Room                          |
|---------|-------------------|-----------------|------|-------------------------------|
| 1       | AG (90)           | 90              | F4   | NR124, NR324,<br>NC142, NC241 |
| 2       | ME (B.Tech.) (95) | 95              |      |                               |
| 3       | ME (Dual) (71)    | 71              |      |                               |
| 4       | NA (78)           | 78              |      |                               |

**29. ME21203****Mechanics of Solids****3-1-0**

| Section | Departments        | No. of Students | Slot | Room         |
|---------|--------------------|-----------------|------|--------------|
| 1       | ME (166) + MF (66) | 95              | C4   | NR421, NR423 |

**30. CH21203****Chemical Process Calculations****3-1-0**

| Section | Departments   | No. of Students | Slot | Room         |
|---------|---|-----------------|------|--------------|
| 1       | CH 1 <sup>st</sup> Yr. (115) + CH 2 <sup>nd</sup> Yr. (112) + BT 3 <sup>rd</sup> Yr. (67) | 294             | D4   | NR122, NR221 |

**31. ME21205****Dynamics****3-1-0**

| Section | Department         | No. of Students | Slot | Room         |
|---------|--------------------|-----------------|------|--------------|
| 1       | ME (166) + MF (66) | 232             | E4   | NR421, NR423 |

**32. ME29201 (2<sup>nd</sup> Year)****Introduction to Basic Manufacturing Processes****0-0-3**

| Section | Department | No. of Students | Slot | Room                 |
|---------|------------|-----------------|------|----------------------|
| 5       | IM (72)    | 72              | J    | In the<br>Department |
| 6       | ME (166)   | 166             | L, X |                      |
| 7       | MF (66)    | 66              | P    |                      |

**33. CE31001****Design of RC Structures****3-0-0**

| Section | Department         | No. of Students | Slot | Room  |
|---------|--------------------|-----------------|------|-------|
| 1       | CE (109) + AR (40) | 149             | C4   | NR121 |

**34. EE40013****Digital Signal Processing****3-0-0**

| Section | Department         | No. of Students | Slot | Room  |
|---------|--------------------|-----------------|------|-------|
| 1       | EE (127) + IE (51) | 178             | C3   | NR312 |

**35. EE31009****Control System Engineering****3-1-0**

| Section | Department                  | No. of Students | Slot | Room  |
|---------|-----------------------------|-----------------|------|-------|
| 1       | EE (127) + IE (51) + QE (1) | 179             | E4   | NR312 |



**36. ME30602****Design of Machine Elements****3-1-0**

| Section | Departments        | No. of Students | Slot     | Room         |
|---------|--------------------|-----------------|----------|--------------|
| 1,2     | MF (70) + ME (191) | 261             | G3 + S31 | NR412, NR413 |

**37. MT30001****Materials Engineering****3-0-0**

| Section | Department         | No. of Students | Slot | Room         |
|---------|--------------------|-----------------|------|--------------|
| 1       | MF (70) + ME (191) | 262             | A3   | NR412, NR413 |

**38. ME31203****Kinematics and Kinetics of Machines****3-1-0**

| Section | Department         | No. of Students | Slot | Room |
|---------|--------------------|-----------------|------|------|
| 1       | MF (70) + ME (191) | 261             | E4   | VI   |

**39. ME31201****Casting Forming and Welding****3-1-0**

| Section | Department         | No. of Students | Slot | Room         |
|---------|--------------------|-----------------|------|--------------|
| 1       | MF (70) + ME (191) | 261             | D4   | NR412, NR413 |

**40. ME30005****Heat Transfer****3-1-0**

| Section | Department         | No. of Students | Slot | Room                          |
|---------|--------------------|-----------------|------|-------------------------------|
| 1       | MF (70) + ME (191) | 261             | C4   | NC142, NC242,<br>NC342, NC442 |

**41. AI61003****Linear Algebra for AI and ML****3-1-0**

| Section | Department  | No. of Students | Slot | Room  |
|---------|---|-----------------|------|-------|
| 1       | AE (4) + BT (2) + CE (5) + CH (3) + EC (1) + EE (2) +<br>IE (3) + ME (2) + MF (1) + MT (5) + NA (3) | 31              | F4   | NR123 |

**42. AI61005****Artificial Intelligence Foundations and Applications****3-1-0**

| Section | Department  | No. of Students | Slot       | Room  |
|---------|---|-----------------|------------|-------|
| 1       | AE (4) + BT (2) + CE (5) + CH (3) + EC (1) + EE (2) +<br>IE (3) + ME (2) + MF (1) + MT (5) + NA (3) | 31              | A3 + S3(1) | NR121 |

**S33: 3<sup>rd</sup> hour of S3 slot**

43. **HS21201**

**Economics**

**3-1-0**

| Section | Department                     | No. of Students           | Slot       | Room                           |
|---------|--------------------------------|---------------------------|------------|--------------------------------|
| 1       | IM (79) + <b>Breadth (HSS)</b> | 79 + <b>Breadth (HSS)</b> | G3 + S3(1) | <b>NR222, NR321,<br/>NR322</b> |

44. **HSS Subjects: B3/G3 slots (For 4 crd subjects B3+S3 (2), G3 + S3(1) slot)**

**3-0/1-0**

45. **Slots for Breadth / Breadth Elective Subjects: F3/4, G3 slots. At least one slot must be available for the student.**

46. **Slot for Management Subjects: F3/4, G3 slots**

47. **Extra Academic Activity---EAA**

|  |                                   |
|--|-----------------------------------|
| <b>Slot/Time</b>                         | <b>Monday 6:30 PM – 8:30 PM</b>   |
| <b>Saturday 8:00 AM -12:55PM<br/>NSS</b> | <b>Tuesday 6:30 PM – 8:30 PM</b>  |
| <b>Saturday 9:00 AM-12:55PM</b>          | <b>Thursday 6:30 PM – 8:30 PM</b> |
| <b>Saturday 9:00 AM-12:55PM</b>          | <b>Friday 6:30 PM – 8:30 PM</b>   |