

(10521) : 10521 : Applied Mathematics- II (10522) : 10522 : Engineering Graphics (10530) : 10530 : Elements of Mechanical Engineering
 (10532) : 10532 : Engineering Graphics Lab (10540) : 10540 : Elements of Mechanical Engineering Lab (10542) : 10542 : Social Science & Community Services
 (10543) : 10543 : Indian knowledge System (10544) : 10544 : Engineering Workshop-II (10545) : 10545 : Python Programming
 (10553) : 10553 : Physics of Measurements and Sensors (10556) : 10556 : Physics of Measurements and Sensors Lab (10558) : 10558 : Environmental Chemistry and Non-conventional energy sources
 (10561) : 10561 : Environmental Chemistry and Non-conventional energy sources Lab

| Course Code | Course Title | Course Credits | I1 (INTERNAL EXAMINATION) | | E1 (EXTERNAL EXAMINATION) | | T1 (TERM WORK) | | O1 (ORAL) | | TOTALF (TOTAL MARKS) | |
|-------------|---|----------------|---------------------------|-----------|---------------------------|-----------|----------------|-----------|-----------|-----------|----------------------|-----------|
| | | | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks | Min Marks | Max Marks |
| 10521 | Applied Mathematics- II | 3.00 | 16.00 | 40.00 | 24.00 | 60.00 | 10.00 | 25.00 | ... | ... | 50.00 | 125.00 |
| 10522 | Engineering Graphics | 3.00 | 16.00 | 40.00 | 24.00 | 60.00 | ... | ... | ... | ... | 40.00 | 100.00 |
| 10530 | Elements of Mechanical Engineering | 2.00 | 16.00 | 40.00 | 24.00 | 60.00 | ... | ... | ... | ... | 40.00 | 100.00 |
| 10532 | Engineering Graphics Lab | 1.00 | ... | ... | ... | ... | 10.00 | 25.00 | 10.00 | 25.00 | 20.00 | 50.00 |
| 10540 | Elements of Mechanical Engineering Lab | 1.00 | ... | ... | ... | ... | 10.00 | 25.00 | 10.00 | 25.00 | 20.00 | 50.00 |
| 10542 | Social Science & Community Services | 2.00 | ... | ... | ... | ... | 10.00 | 25.00 | ... | ... | 10.00 | 25.00 |
| 10543 | Indian knowledge System | 2.00 | ... | ... | ... | ... | 10.00 | 25.00 | ... | ... | 10.00 | 25.00 |
| 10544 | Engineering Workshop-II | 1.00 | ... | ... | ... | ... | 10.00 | 25.00 | ... | ... | 10.00 | 25.00 |
| 10545 | Python Programming | 2.00 | ... | ... | ... | ... | 10.00 | 25.00 | 10.00 | 25.00 | 20.00 | 50.00 |
| 10553 | Physics of Measurements and Sensors | 2.00 | 12.00 | 30.00 | 18.00 | 45.00 | ... | ... | ... | ... | 30.00 | 75.00 |
| 10556 | Physics of Measurements and Sensors Lab | 0.50 | ... | ... | ... | ... | 10.00 | 25.00 | ... | ... | 10.00 | 25.00 |
| 10558 | Environmental Chemistry and Non-conventional energy sources | 2.00 | 12.00 | 30.00 | 18.00 | 45.00 | ... | ... | ... | ... | 30.00 | 75.00 |
| 10561 | Environmental Chemistry and Non-conventional energy sources Lab | 0.50 | ... | ... | ... | ... | 10.00 | 25.00 | ... | ... | 10.00 | 25.00 |

#:0.229; @:0.5042A/O.5043A/O.5044A; *:0.5045A; AA/ABS: ABSENT; P: SUCCESSFUL; F: UNSUCCESSFUL; E: EXMP CAN BE CLAIMED; ~: Dyslexia; +: MARKS CARRIED FORWARD; \$: GRADE CARRIED FORWARD; RCC: 0.5050; RPV: PROVISIONAL; NULL: NULL & VOID.;
 ADC: ADMISSION CANCELLED; RR: RESERVED; C: CREDIT POINTS EARNED; G: GRADE POINTS; äC: SUM OF C; äCG: SUM OF CxG; SGPA: SEMESTER GRADE POINT AVERAGE= äCG / äC; CGPA: CUMULATIVE GRADE POINT AVERAGE; RR: RESERVED

(NEP 2020) EXAMINATION HELD IN DECEMBER 2025

| %Marks | >=90 | >=80 and <90 | >=70 and <80 | >=60 and <70 | >=55 and <60 | >=50 and <55 | >=40 and <50 | < 40 |
|-------------|------|--------------|--------------|--------------|--------------|--------------|--------------|------|
| Grade | O | A+ | A | B+ | B | C | D | F |
| GRADE POINT | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 0 |

