



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

Result of I B.Tech[R13,R10] II Semester Regular/Supplementary Examinations May-2016

College: B V CHALAMIAH INST. OF TECH. & SCI., BATLAPALEM, AMALAPURA:H4

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|---------------------------|----------|----------|---------|
| 10H41A0229 | R10204 | ENGINEERING CHEMISTRY -II | 7 | 16 | 0 |
| 10H41A0256 | R10203 | ENGINEERING PHYSICS -II | 8 | 37 | 2 |
| 10H41A0286 | R10203 | ENGINEERING PHYSICS -II | 9 | 33 | 2 |
| 10H41A02A1 | R10204 | ENGINEERING CHEMISTRY -II | 14 | -1 | 0 |
| 10H41A0425 | R10202 | MATHEMATICS- II | 17 | -1 | 0 |
| 10H41A0526 | R10203 | ENGINEERING PHYSICS -II | 7 | 0 | 0 |
| 10H41A0569 | R10203 | ENGINEERING PHYSICS -II | 7 | 11 | 0 |
| 11H41A0406 | R10202 | MATHEMATICS- II | 11 | -1 | 0 |
| 11H41A0406 | R10203 | ENGINEERING PHYSICS -II | 7 | 12 | 0 |
| 11H41A0406 | R10204 | ENGINEERING CHEMISTRY -II | 5 | 12 | 0 |
| 11H41A0506 | R10202 | MATHEMATICS- II | 9 | 0 | 0 |
| 11H41A0506 | R10203 | ENGINEERING PHYSICS -II | 11 | 19 | 0 |
| 11H41A0518 | R10202 | MATHEMATICS- II | 11 | 0 | 0 |
| 11H41A0518 | R10203 | ENGINEERING PHYSICS -II | 12 | -1 | 0 |
| 11H41A0524 | R10202 | MATHEMATICS- II | 8 | -1 | 0 |
| 11H41A0524 | R10205 | ENGINEERING DRAWING | 15 | -1 | 0 |
| 11JH1A0567 | R10202 | MATHEMATICS- II | 10 | 0 | 0 |
| 11JH1A0567 | R10205 | ENGINEERING DRAWING | 8 | 16 | 0 |
| 122Q1A0109 | R10203 | ENGINEERING PHYSICS -II | 14 | 2 | 0 |
| 122Q1A0117 | R10203 | ENGINEERING PHYSICS -II | 12 | 14 | 0 |
| 122Q1A0117 | R10204 | ENGINEERING CHEMISTRY -II | 13 | 31 | 2 |
| 122Q1A0221 | R10202 | MATHEMATICS- II | 12 | 0 | 0 |
| 122Q1A0221 | R10203 | ENGINEERING PHYSICS -II | 13 | 1 | 0 |
| 122Q1A0221 | R10205 | ENGINEERING DRAWING | 15 | -1 | 0 |
| 122Q1A0405 | R10204 | ENGINEERING CHEMISTRY -II | 13 | 1 | 0 |
| 122Q1A0405 | R10206 | MATHEMATICAL METHODS | 12 | 3 | 0 |
| 12H41A0103 | R10202 | MATHEMATICS- II | 20 | -1 | 0 |
| 12H41A0103 | R10204 | ENGINEERING CHEMISTRY -II | 21 | 4 | 0 |
| 12H41A0105 | R10203 | ENGINEERING PHYSICS -II | 15 | 4 | 0 |
| 12H41A0105 | R10205 | ENGINEERING DRAWING | 24 | 37 | 2 |
| 12H41A0107 | R10202 | MATHEMATICS- II | 15 | 0 | 0 |
| 12H41A0107 | R10205 | ENGINEERING DRAWING | 21 | 42 | 2 |
| 12H41A0110 | R10202 | MATHEMATICS- II | 20 | 0 | 0 |
| 12H41A0112 | R10202 | MATHEMATICS- II | 14 | 0 | 0 |
| 12H41A0112 | R10203 | ENGINEERING PHYSICS -II | 18 | 31 | 2 |
| 12H41A0116 | R10202 | MATHEMATICS- II | 20 | 1 | 0 |
| 12H41A0117 | R10202 | MATHEMATICS- II | 17 | 0 | 0 |
| 12H41A0117 | R10207 | ENVIRONMENTAL STUDIES | 14 | 12 | 0 |
| 12H41A0118 | R10204 | ENGINEERING CHEMISTRY -II | 21 | 5 | 0 |
| 12H41A0119 | R10202 | MATHEMATICS- II | 13 | 0 | 0 |
| 12H41A0119 | R10203 | ENGINEERING PHYSICS -II | 14 | 0 | 0 |
| 12H41A0119 | R10204 | ENGINEERING CHEMISTRY -II | 14 | 5 | 0 |
| 12H41A0119 | R10205 | ENGINEERING DRAWING | 19 | 4 | 0 |
| 12H41A0124 | R10202 | MATHEMATICS- II | 17 | 0 | 0 |
| 12H41A0124 | R10203 | ENGINEERING PHYSICS -II | 19 | 31 | 2 |
| 12H41A0202 | R10202 | MATHEMATICS- II | 17 | 0 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|---------------------------|----------|----------|---------|
| 12H41A0203 | R10204 | ENGINEERING CHEMISTRY -II | 15 | 10 | 0 |
| 12H41A0205 | R10204 | ENGINEERING CHEMISTRY -II | 10 | 33 | 2 |
| 12H41A0216 | R10202 | MATHEMATICS- II | 18 | 1 | 0 |
| 12H41A0216 | R10204 | ENGINEERING CHEMISTRY -II | 9 | 11 | 0 |
| 12H41A0216 | R10205 | ENGINEERING DRAWING | 20 | 12 | 0 |
| 12H41A0225 | R10202 | MATHEMATICS- II | 14 | 13 | 0 |
| 12H41A0226 | R10202 | MATHEMATICS- II | 9 | 3 | 0 |
| 12H41A0226 | R10204 | ENGINEERING CHEMISTRY -II | 7 | 8 | 0 |
| 12H41A0226 | R10205 | ENGINEERING DRAWING | 15 | 3 | 0 |
| 12H41A0241 | R10205 | ENGINEERING DRAWING | 17 | 16 | 0 |
| 12H41A0244 | R10202 | MATHEMATICS- II | 11 | 4 | 0 |
| 12H41A0301 | R10202 | MATHEMATICS- II | 16 | 2 | 0 |
| 12H41A0301 | R10203 | ENGINEERING PHYSICS -II | 15 | 2 | 0 |
| 12H41A0302 | R10202 | MATHEMATICS- II | 21 | 3 | 0 |
| 12H41A0303 | R10202 | MATHEMATICS- II | 14 | 0 | 0 |
| 12H41A0306 | R10202 | MATHEMATICS- II | 8 | 0 | 0 |
| 12H41A0306 | R10205 | ENGINEERING DRAWING | 14 | 14 | 0 |
| 12H41A0306 | R10206 | MATHEMATICAL METHODS | 14 | -1 | 0 |
| 12H41A0307 | R10202 | MATHEMATICS- II | 11 | 0 | 0 |
| 12H41A0308 | R10202 | MATHEMATICS- II | 12 | -1 | 0 |
| 12H41A0308 | R10204 | ENGINEERING CHEMISTRY -II | 19 | -1 | 0 |
| 12H41A0310 | R10202 | MATHEMATICS- II | 13 | 0 | 0 |
| 12H41A0310 | R10203 | ENGINEERING PHYSICS -II | 6 | -1 | 0 |
| 12H41A0312 | R10202 | MATHEMATICS- II | 10 | 0 | 0 |
| 12H41A0314 | R10202 | MATHEMATICS- II | 15 | 0 | 0 |
| 12H41A0314 | R10203 | ENGINEERING PHYSICS -II | 13 | 7 | 0 |
| 12H41A0316 | R10202 | MATHEMATICS- II | 11 | 31 | 2 |
| 12H41A0319 | R10202 | MATHEMATICS- II | 19 | 0 | 0 |
| 12H41A0319 | R10205 | ENGINEERING DRAWING | 19 | 16 | 0 |
| 12H41A0320 | R10203 | ENGINEERING PHYSICS -II | 9 | -1 | 0 |
| 12H41A0320 | R10204 | ENGINEERING CHEMISTRY -II | 12 | 5 | 0 |
| 12H41A0321 | R10204 | ENGINEERING CHEMISTRY -II | 18 | 9 | 0 |
| 12H41A0322 | R10202 | MATHEMATICS- II | 10 | 0 | 0 |
| 12H41A0322 | R10203 | ENGINEERING PHYSICS -II | 12 | 8 | 0 |
| 12H41A0322 | R10204 | ENGINEERING CHEMISTRY -II | 17 | 11 | 0 |
| 12H41A0322 | R10205 | ENGINEERING DRAWING | 14 | 19 | 0 |
| 12H41A0322 | R10206 | MATHEMATICAL METHODS | 16 | -1 | 0 |
| 12H41A0327 | R10202 | MATHEMATICS- II | 16 | 33 | 2 |
| 12H41A0333 | R10202 | MATHEMATICS- II | 16 | 16 | 0 |
| 12H41A0333 | R10204 | ENGINEERING CHEMISTRY -II | 20 | 10 | 0 |
| 12H41A0336 | R10202 | MATHEMATICS- II | 17 | 0 | 0 |
| 12H41A0336 | R10203 | ENGINEERING PHYSICS -II | 13 | 5 | 0 |
| 12H41A0336 | R10204 | ENGINEERING CHEMISTRY -II | 20 | 17 | 0 |
| 12H41A0338 | R10202 | MATHEMATICS- II | 16 | 0 | 0 |
| 12H41A0343 | R10202 | MATHEMATICS- II | 10 | 0 | 0 |
| 12H41A0343 | R10205 | ENGINEERING DRAWING | 16 | 0 | 0 |
| 12H41A0344 | R10202 | MATHEMATICS- II | 13 | 0 | 0 |
| 12H41A0344 | R10203 | ENGINEERING PHYSICS -II | 7 | -1 | 0 |
| 12H41A0344 | R10204 | ENGINEERING CHEMISTRY -II | 19 | 6 | 0 |
| 12H41A0344 | R10205 | ENGINEERING DRAWING | 13 | 2 | 0 |
| 12H41A0344 | R10206 | MATHEMATICAL METHODS | 16 | -1 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|--------------------------------|----------|----------|---------|
| 12H41A0345 | R10202 | MATHEMATICS- II | 18 | 33 | 2 |
| 12H41A0350 | R10202 | MATHEMATICS- II | 19 | 41 | 2 |
| 12H41A0351 | R10202 | MATHEMATICS- II | 13 | 0 | 0 |
| 12H41A0351 | R10205 | ENGINEERING DRAWING | 16 | 2 | 0 |
| 12H41A0404 | R10205 | ENGINEERING DRAWING | 23 | -1 | 0 |
| 12H41A0431 | R10203 | ENGINEERING PHYSICS -II | 12 | -1 | 0 |
| 12H41A0431 | R10204 | ENGINEERING CHEMISTRY -II | 13 | 12 | 0 |
| 12H41A0432 | R10205 | ENGINEERING DRAWING | 19 | 17 | 0 |
| 12H41A0441 | R10202 | MATHEMATICS- II | 13 | 0 | 0 |
| 12H41A0441 | R10204 | ENGINEERING CHEMISTRY -II | 21 | 4 | 0 |
| 12H41A0449 | R10203 | ENGINEERING PHYSICS -II | 13 | -1 | 0 |
| 12H41A0449 | R10204 | ENGINEERING CHEMISTRY -II | 19 | 2 | 0 |
| 12H41A0468 | R10205 | ENGINEERING DRAWING | 21 | 17 | 0 |
| 12H41A0491 | R10202 | MATHEMATICS- II | 10 | 0 | 0 |
| 12H41A04A8 | R10202 | MATHEMATICS- II | 14 | 2 | 0 |
| 12H41A04A8 | R10206 | MATHEMATICAL METHODS | 14 | 12 | 0 |
| 12H41A04B2 | R10202 | MATHEMATICS- II | 18 | 3 | 0 |
| 12H41A0531 | R10203 | ENGINEERING PHYSICS -II | 10 | 15 | 0 |
| 12H41A0531 | R10205 | ENGINEERING DRAWING | 14 | 4 | 0 |
| 12H41A0533 | R10202 | MATHEMATICS- II | 15 | 0 | 0 |
| 12H41A0533 | R10205 | ENGINEERING DRAWING | 23 | 16 | 0 |
| 12H41A0541 | R10202 | MATHEMATICS- II | 15 | -1 | 0 |
| 12H41A0541 | R10205 | ENGINEERING DRAWING | 17 | 17 | 0 |
| 12H41A0544 | R10202 | MATHEMATICS- II | 16 | 0 | 0 |
| 13221A0235 | R13204 | ENGG. CHEMISTRY | 27 | 30 | 3 |
| 13H41A0123 | R13209 | ENGG. DRAWING | 23 | 33 | 3 |
| 13H41A0135 | R13203 | ENGG. PHYSICS | 16 | 8 | 0 |
| 13H41A0205 | R13210 | ENGG. MECHANICS | 23 | 17 | 0 |
| 13H41A0218 | R13202 | MATHEMATICS-III | 25 | 8 | 0 |
| 13H41A0218 | R13204 | ENGG. CHEMISTRY | 24 | 11 | 0 |
| 13H41A0218 | R13210 | ENGG. MECHANICS | 18 | 0 | 0 |
| 13H41A0218 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 13 | 27 | 3 |
| 13H41A0220 | R13204 | ENGG. CHEMISTRY | 21 | 1 | 0 |
| 13H41A0220 | R13205 | C PROGRAMMING | 23 | 9 | 0 |
| 13H41A0220 | R13210 | ENGG. MECHANICS | 20 | 0 | 0 |
| 13H41A0220 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 19 | -1 | 0 |
| 13H41A0221 | R13205 | C PROGRAMMING | 14 | 13 | 0 |
| 13H41A0222 | R13204 | ENGG. CHEMISTRY | 21 | 15 | 0 |
| 13H41A0222 | R13205 | C PROGRAMMING | 25 | 1 | 0 |
| 13H41A0225 | R13204 | ENGG. CHEMISTRY | 30 | 33 | 3 |
| 13H41A0231 | R13210 | ENGG. MECHANICS | 24 | 12 | 0 |
| 13H41A0238 | R13204 | ENGG. CHEMISTRY | 30 | 28 | 3 |
| 13H41A0243 | R13204 | ENGG. CHEMISTRY | 25 | 2 | 0 |
| 13H41A0243 | R13205 | C PROGRAMMING | 21 | 1 | 0 |
| 13H41A0243 | R13210 | ENGG. MECHANICS | 22 | 0 | 0 |
| 13H41A0243 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 20 | -1 | 0 |
| 13H41A0248 | R13204 | ENGG. CHEMISTRY | 26 | 16 | 0 |
| 13H41A0249 | R13210 | ENGG. MECHANICS | 27 | -1 | 0 |
| 13H41A0251 | R13204 | ENGG. CHEMISTRY | 24 | 30 | 3 |
| 13H41A0265 | R13204 | ENGG. CHEMISTRY | 25 | 0 | 0 |
| 13H41A0268 | R13204 | ENGG. CHEMISTRY | 24 | 3 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|------------------------------------|----------|----------|---------|
| 13H41A0269 | R13204 | ENGG. CHEMISTRY | 30 | 24 | 3 |
| 13H41A0278 | R13204 | ENGG. CHEMISTRY | 23 | 30 | 3 |
| 13H41A0278 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 18 | 1 | 0 |
| 13H41A0289 | R13204 | ENGG. CHEMISTRY | 23 | 28 | 3 |
| 13H41A0289 | R13205 | C PROGRAMMING | 24 | 12 | 0 |
| 13H41A0290 | R13204 | ENGG. CHEMISTRY | 24 | 10 | 0 |
| 13H41A0290 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 23 | 42 | 3 |
| 13H41A0307 | R13209 | ENGG. DRAWING | 25 | 0 | 0 |
| 13H41A0316 | R13209 | ENGG. DRAWING | 28 | 34 | 3 |
| 13H41A0324 | R13203 | ENGG. PHYSICS | 16 | 3 | 0 |
| 13H41A0324 | R13207 | MATHEMATICS-II (MM) | 22 | 7 | 0 |
| 13H41A0332 | R13203 | ENGG. PHYSICS | 16 | 3 | 0 |
| 13H41A0332 | R13207 | MATHEMATICS-II (MM) | 15 | 7 | 0 |
| 13H41A0333 | R13203 | ENGG. PHYSICS | 17 | 1 | 0 |
| 13H41A0333 | R13209 | ENGG. DRAWING | 27 | -1 | 0 |
| 13H41A0337 | R13209 | ENGG. DRAWING | 26 | 8 | 0 |
| 13H41A0338 | R13203 | ENGG. PHYSICS | 15 | 5 | 0 |
| 13H41A0338 | R13209 | ENGG. DRAWING | 28 | -1 | 0 |
| 13H41A0339 | R13209 | ENGG. DRAWING | 25 | 30 | 3 |
| 13H41A0353 | R13203 | ENGG. PHYSICS | 15 | 2 | 0 |
| 13H41A0353 | R13209 | ENGG. DRAWING | 29 | 11 | 0 |
| 13H41A0356 | R13203 | ENGG. PHYSICS | 16 | 4 | 0 |
| 13H41A0356 | R13209 | ENGG. DRAWING | 28 | 7 | 0 |
| 13H41A0404 | R13204 | ENGG. CHEMISTRY | 29 | 15 | 0 |
| 13H41A0404 | R13210 | ENGG. MECHANICS | 20 | 7 | 0 |
| 13H41A0412 | R13204 | ENGG. CHEMISTRY | 27 | 7 | 0 |
| 13H41A0427 | R13202 | MATHEMATICS-III | 27 | 10 | 0 |
| 13H41A0427 | R13204 | ENGG. CHEMISTRY | 25 | 6 | 0 |
| 13H41A0447 | R13204 | ENGG. CHEMISTRY | 24 | 24 | 3 |
| 13H41A0476 | R13204 | ENGG. CHEMISTRY | 24 | 29 | 3 |
| 13H41A0476 | R13210 | ENGG. MECHANICS | 20 | 0 | 0 |
| 13H41A0483 | R13204 | ENGG. CHEMISTRY | 22 | 35 | 3 |
| 13H41A0489 | R13204 | ENGG. CHEMISTRY | 16 | 18 | 0 |
| 13H41A0495 | R13204 | ENGG. CHEMISTRY | 29 | -1 | 0 |
| 13H41A0509 | R13203 | ENGG. PHYSICS | 25 | 2 | 0 |
| 13H41A0513 | R13203 | ENGG. PHYSICS | 17 | 0 | 0 |
| 13H41A0552 | R13209 | ENGG. DRAWING | 27 | 4 | 0 |
| 13H41A0566 | R13202 | MATHEMATICS-III | 24 | 14 | 0 |
| 13H41A0566 | R13209 | ENGG. DRAWING | 21 | -1 | 0 |
| 13H41A0597 | R13203 | ENGG. PHYSICS | 16 | 0 | 0 |
| 13H41A0597 | R13207 | MATHEMATICS-II (MM) | 25 | 2 | 0 |
| 13H41A0597 | R13209 | ENGG. DRAWING | 22 | -1 | 0 |
| 13H41A05A0 | R13202 | MATHEMATICS-III | 22 | -1 | 0 |
| 13H41A05A8 | R13202 | MATHEMATICS-III | 27 | -1 | 0 |
| 13H41A05A8 | R13203 | ENGG. PHYSICS | 18 | 4 | 0 |
| 13H41A05A9 | R13209 | ENGG. DRAWING | 19 | -1 | 0 |
| 14H41A0105 | R13203 | ENGG. PHYSICS | 17 | -1 | 0 |
| 14H41A0105 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | -1 | 0 |
| 14H41A0111 | R13202 | MATHEMATICS-III | 22 | 9 | 0 |
| 14H41A0111 | R13209 | ENGG. DRAWING | 15 | 0 | 0 |
| 14H41A0112 | R13201 | ENGLISH-II | 16 | 35 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 14H41A0112 | R13202 | MATHEMATICS-III | 10 | 9 | 0 |
| 14H41A0112 | R13203 | ENGG. PHYSICS | 16 | 4 | 0 |
| 14H41A0115 | R13201 | ENGLISH-II | 16 | 28 | 3 |
| 14H41A0115 | R13202 | MATHEMATICS-III | 15 | 0 | 0 |
| 14H41A0115 | R13203 | ENGG. PHYSICS | 18 | 4 | 0 |
| 14H41A0116 | R13203 | ENGG. PHYSICS | 15 | 8 | 0 |
| 14H41A0116 | R13207 | MATHEMATICS-II (MM) | 20 | 6 | 0 |
| 14H41A0116 | R13209 | ENGG. DRAWING | 15 | 9 | 0 |
| 14H41A0118 | R13202 | MATHEMATICS-III | 8 | 19 | 0 |
| 14H41A0118 | R13209 | ENGG. DRAWING | 5 | 4 | 0 |
| 14H41A0119 | R13209 | ENGG. DRAWING | 15 | 9 | 0 |
| 14H41A0137 | R13202 | MATHEMATICS-III | 12 | 0 | 0 |
| 14H41A0137 | R13203 | ENGG. PHYSICS | 17 | -1 | 0 |
| 14H41A0140 | R13201 | ENGLISH-II | 16 | 19 | 0 |
| 14H41A0140 | R13202 | MATHEMATICS-III | 13 | 18 | 0 |
| 14H41A0140 | R13203 | ENGG. PHYSICS | 18 | 8 | 0 |
| 14H41A0140 | R13207 | MATHEMATICS-II (MM) | 23 | 14 | 0 |
| 14H41A0140 | R13209 | ENGG. DRAWING | 16 | 14 | 0 |
| 14H41A0142 | R13202 | MATHEMATICS-III | 8 | 1 | 0 |
| 14H41A0142 | R13203 | ENGG. PHYSICS | 16 | 12 | 0 |
| 14H41A0142 | R13207 | MATHEMATICS-II (MM) | 19 | 11 | 0 |
| 14H41A0148 | R13209 | ENGG. DRAWING | 24 | 29 | 3 |
| 14H41A0150 | R13202 | MATHEMATICS-III | 13 | 4 | 0 |
| 14H41A0150 | R13203 | ENGG. PHYSICS | 17 | 0 | 0 |
| 14H41A0150 | R13209 | ENGG. DRAWING | 11 | 2 | 0 |
| 14H41A0157 | R13203 | ENGG. PHYSICS | 17 | 0 | 0 |
| 14H41A0157 | R13209 | ENGG. DRAWING | 16 | 2 | 0 |
| 14H41A0212 | R13204 | ENGG. CHEMISTRY | 24 | 10 | 0 |
| 14H41A0219 | R13205 | C PROGRAMMING | 20 | 32 | 3 |
| 14H41A0220 | R13204 | ENGG. CHEMISTRY | 26 | 16 | 0 |
| 14H41A0223 | R13202 | MATHEMATICS-III | 23 | -1 | 0 |
| 14H41A0223 | R13205 | C PROGRAMMING | 20 | 30 | 3 |
| 14H41A0224 | R13201 | ENGLISH-II | 13 | 8 | 0 |
| 14H41A0224 | R13202 | MATHEMATICS-III | 9 | 0 | 0 |
| 14H41A0224 | R13204 | ENGG. CHEMISTRY | 9 | 0 | 0 |
| 14H41A0224 | R13205 | C PROGRAMMING | 9 | 8 | 0 |
| 14H41A0224 | R13210 | ENGG. MECHANICS | 10 | 1 | 0 |
| 14H41A0224 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 17 | 3 | 0 |
| 14H41A0224 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 35 | 2 |
| 14H41A0224 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | 35 | 2 |
| 14H41A0224 | R13218 | C PROGRAMMING LAB | 18 | 39 | 2 |
| 14H41A0229 | R13202 | MATHEMATICS-III | 20 | 28 | 3 |
| 14H41A0233 | R13204 | ENGG. CHEMISTRY | 18 | 3 | 0 |
| 14H41A0233 | R13205 | C PROGRAMMING | 14 | 15 | 0 |
| 14H41A0233 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 8 | -1 | 0 |
| 14H41A0241 | R13205 | C PROGRAMMING | 19 | 32 | 3 |
| 14H41A0242 | R13205 | C PROGRAMMING | 10 | 9 | 0 |
| 14H41A0255 | R13205 | C PROGRAMMING | 10 | 9 | 0 |
| 14H41A0255 | R13210 | ENGG. MECHANICS | 9 | 0 | 0 |
| 14H41A0255 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 8 | -1 | 0 |
| 14H41A0256 | R13201 | ENGLISH-II | 15 | 7 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 14H41A0256 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 11 | -1 | 0 |
| 14H41A0260 | R13202 | MATHEMATICS-III | 15 | 0 | 0 |
| 14H41A0260 | R13205 | C PROGRAMMING | 21 | 16 | 0 |
| 14H41A0269 | R13202 | MATHEMATICS-III | 21 | 11 | 0 |
| 14H41A0269 | R13204 | ENGG. CHEMISTRY | 18 | 7 | 0 |
| 14H41A0269 | R13205 | C PROGRAMMING | 14 | 15 | 0 |
| 14H41A0271 | R13202 | MATHEMATICS-III | 21 | 28 | 3 |
| 14H41A0271 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 20 | -1 | 0 |
| 14H41A0274 | R13204 | ENGG. CHEMISTRY | 16 | 11 | 0 |
| 14H41A0274 | R13205 | C PROGRAMMING | 18 | 0 | 0 |
| 14H41A0274 | R13210 | ENGG. MECHANICS | 8 | 2 | 0 |
| 14H41A0274 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 14 | -1 | 0 |
| 14H41A0276 | R13202 | MATHEMATICS-III | 11 | 19 | 0 |
| 14H41A0276 | R13210 | ENGG. MECHANICS | 5 | 7 | 0 |
| 14H41A0276 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 8 | 0 | 0 |
| 14H41A0281 | R13202 | MATHEMATICS-III | 13 | -1 | 0 |
| 14H41A0281 | R13204 | ENGG. CHEMISTRY | 18 | 2 | 0 |
| 14H41A0281 | R13210 | ENGG. MECHANICS | 10 | 7 | 0 |
| 14H41A0283 | R13201 | ENGLISH-II | 15 | 19 | 0 |
| 14H41A0283 | R13202 | MATHEMATICS-III | 11 | -1 | 0 |
| 14H41A0283 | R13204 | ENGG. CHEMISTRY | 18 | -1 | 0 |
| 14H41A0283 | R13205 | C PROGRAMMING | 17 | -1 | 0 |
| 14H41A0283 | R13210 | ENGG. MECHANICS | 7 | -1 | 0 |
| 14H41A0283 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 6 | -1 | 0 |
| 14H41A0283 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | -1 | 0 |
| 14H41A0283 | R13217 | ENGINEERING CHEMISTRY LAB | 19 | -1 | 0 |
| 14H41A0283 | R13218 | C PROGRAMMING LAB | 20 | -1 | 0 |
| 14H41A0288 | R13202 | MATHEMATICS-III | 25 | 26 | 3 |
| 14H41A0288 | R13204 | ENGG. CHEMISTRY | 20 | 10 | 0 |
| 14H41A0288 | R13205 | C PROGRAMMING | 17 | 17 | 0 |
| 14H41A0305 | R13201 | ENGLISH-II | 21 | 36 | 3 |
| 14H41A0305 | R13202 | MATHEMATICS-III | 9 | -1 | 0 |
| 14H41A0305 | R13203 | ENGG. PHYSICS | 14 | 0 | 0 |
| 14H41A0305 | R13207 | MATHEMATICS-II (MM) | 16 | 3 | 0 |
| 14H41A0305 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 42 | 3 |
| 14H41A0305 | R13209 | ENGG. DRAWING | 6 | 0 | 0 |
| 14H41A0305 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 40 | 2 |
| 14H41A0305 | R13214 | ENGINEERING PHYSICS LAB | 15 | 40 | 2 |
| 14H41A0305 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 38 | 2 |
| 14H41A0313 | R13209 | ENGG. DRAWING | 21 | 34 | 3 |
| 14H41A0317 | R13209 | ENGG. DRAWING | 14 | 6 | 0 |
| 14H41A0323 | R13203 | ENGG. PHYSICS | 15 | 1 | 0 |
| 14H41A0330 | R13209 | ENGG. DRAWING | 15 | 32 | 3 |
| 14H41A0333 | R13202 | MATHEMATICS-III | 8 | 25 | 0 |
| 14H41A0333 | R13203 | ENGG. PHYSICS | 9 | 7 | 0 |
| 14H41A0337 | R13203 | ENGG. PHYSICS | 13 | 4 | 0 |
| 14H41A0341 | R13203 | ENGG. PHYSICS | 12 | 10 | 0 |
| 14H41A0342 | R13202 | MATHEMATICS-III | 13 | 9 | 0 |
| 14H41A0342 | R13203 | ENGG. PHYSICS | 12 | 5 | 0 |
| 14H41A0344 | R13203 | ENGG. PHYSICS | 18 | 5 | 0 |
| 14H41A0348 | R13202 | MATHEMATICS-III | 16 | -1 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 14H41A0348 | R13203 | ENGG. PHYSICS | 9 | 0 | 0 |
| 14H41A0349 | R13209 | ENGG. DRAWING | 23 | -1 | 0 |
| 14H41A0357 | R13203 | ENGG. PHYSICS | 11 | 2 | 0 |
| 14H41A0357 | R13207 | MATHEMATICS-II (MM) | 8 | 0 | 0 |
| 14H41A0357 | R13209 | ENGG. DRAWING | 3 | -1 | 0 |
| 14H41A0406 | R13210 | ENGG. MECHANICS | 12 | 9 | 0 |
| 14H41A0406 | R13211 | NETWORK ANALYSIS | 16 | 8 | 0 |
| 14H41A0407 | R13211 | NETWORK ANALYSIS | 16 | 15 | 0 |
| 14H41A0408 | R13211 | NETWORK ANALYSIS | 16 | 4 | 0 |
| 14H41A0411 | R13211 | NETWORK ANALYSIS | 16 | 36 | 3 |
| 14H41A0415 | R13205 | C PROGRAMMING | 24 | 29 | 3 |
| 14H41A0415 | R13211 | NETWORK ANALYSIS | 19 | 4 | 0 |
| 14H41A0420 | R13211 | NETWORK ANALYSIS | 18 | 33 | 3 |
| 14H41A0421 | R13202 | MATHEMATICS-III | 22 | -1 | 0 |
| 14H41A0421 | R13211 | NETWORK ANALYSIS | 14 | -1 | 0 |
| 14H41A0422 | R13211 | NETWORK ANALYSIS | 19 | 30 | 3 |
| 14H41A0425 | R13210 | ENGG. MECHANICS | 9 | 4 | 0 |
| 14H41A0425 | R13211 | NETWORK ANALYSIS | 16 | 6 | 0 |
| 14H41A0441 | R13204 | ENGG. CHEMISTRY | 13 | 30 | 3 |
| 14H41A0441 | R13205 | C PROGRAMMING | 15 | 25 | 3 |
| 14H41A0445 | R13204 | ENGG. CHEMISTRY | 14 | 1 | 0 |
| 14H41A0445 | R13205 | C PROGRAMMING | 14 | 10 | 0 |
| 14H41A0445 | R13210 | ENGG. MECHANICS | 11 | 0 | 0 |
| 14H41A0445 | R13211 | NETWORK ANALYSIS | 11 | 1 | 0 |
| 14H41A0450 | R13210 | ENGG. MECHANICS | 12 | 31 | 3 |
| 14H41A0471 | R13204 | ENGG. CHEMISTRY | 22 | 4 | 0 |
| 14H41A0471 | R13205 | C PROGRAMMING | 17 | 8 | 0 |
| 14H41A0471 | R13211 | NETWORK ANALYSIS | 18 | 0 | 0 |
| 14H41A0482 | R13202 | MATHEMATICS-III | 19 | 0 | 0 |
| 14H41A0482 | R13204 | ENGG. CHEMISTRY | 19 | 25 | 3 |
| 14H41A0482 | R13210 | ENGG. MECHANICS | 14 | 3 | 0 |
| 14H41A0482 | R13211 | NETWORK ANALYSIS | 16 | 25 | 3 |
| 14H41A0486 | R13201 | ENGLISH-II | 15 | 41 | 3 |
| 14H41A0486 | R13202 | MATHEMATICS-III | 13 | -1 | 0 |
| 14H41A0486 | R13204 | ENGG. CHEMISTRY | 12 | 17 | 0 |
| 14H41A0486 | R13205 | C PROGRAMMING | 17 | 29 | 3 |
| 14H41A0486 | R13210 | ENGG. MECHANICS | 6 | 8 | 0 |
| 14H41A0486 | R13211 | NETWORK ANALYSIS | 16 | -1 | 0 |
| 14H41A0486 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 45 | 2 |
| 14H41A0486 | R13217 | ENGINEERING CHEMISTRY LAB | 14 | 43 | 2 |
| 14H41A0486 | R13218 | C PROGRAMMING LAB | 23 | 42 | 2 |
| 14H41A0487 | R13211 | NETWORK ANALYSIS | 18 | 11 | 0 |
| 14H41A0491 | R13204 | ENGG. CHEMISTRY | 24 | 4 | 0 |
| 14H41A0491 | R13210 | ENGG. MECHANICS | 14 | 0 | 0 |
| 14H41A0491 | R13211 | NETWORK ANALYSIS | 11 | 44 | 3 |
| 14H41A04B1 | R13211 | NETWORK ANALYSIS | 21 | 4 | 0 |
| 14H41A04B4 | R13211 | NETWORK ANALYSIS | 16 | 13 | 0 |
| 14H41A0552 | R13202 | MATHEMATICS-III | 18 | 9 | 0 |
| 14H41A0552 | R13203 | ENGG. PHYSICS | 18 | 5 | 0 |
| 14H41A0552 | R13207 | MATHEMATICS-II (MM) | 18 | 16 | 0 |
| 14H41A0572 | R13209 | ENGG. DRAWING | 22 | 38 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 14H41A0574 | R13202 | MATHEMATICS-III | 22 | -1 | 0 |
| 14H41A0574 | R13209 | ENGG. DRAWING | 22 | -1 | 0 |
| 14H41A0583 | R13202 | MATHEMATICS-III | 26 | 48 | 3 |
| 14H41A0596 | R13202 | MATHEMATICS-III | 22 | 12 | 0 |
| 14H41A0598 | R13209 | ENGG. DRAWING | 27 | 35 | 3 |
| 14H41A05A1 | R13209 | ENGG. DRAWING | 17 | 5 | 0 |
| 14H41A05A9 | R13202 | MATHEMATICS-III | 22 | 3 | 0 |
| 14H41A05A9 | R13203 | ENGG. PHYSICS | 15 | 0 | 0 |
| 14H41A05A9 | R13207 | MATHEMATICS-II (MM) | 18 | 16 | 0 |
| 14H41A05B3 | R13202 | MATHEMATICS-III | 16 | 4 | 0 |
| 14H41A05B3 | R13207 | MATHEMATICS-II (MM) | 12 | 14 | 0 |
| 14H41A05B3 | R13209 | ENGG. DRAWING | 9 | 2 | 0 |
| 15H41A0101 | R13201 | ENGLISH-II | 13 | 28 | 3 |
| 15H41A0101 | R13202 | MATHEMATICS-III | 11 | 0 | 0 |
| 15H41A0101 | R13203 | ENGG. PHYSICS | 14 | 9 | 0 |
| 15H41A0101 | R13207 | MATHEMATICS-II (MM) | 10 | 0 | 0 |
| 15H41A0101 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 16 | 37 | 3 |
| 15H41A0101 | R13209 | ENGG. DRAWING | 28 | 0 | 0 |
| 15H41A0101 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 46 | 2 |
| 15H41A0101 | R13214 | ENGINEERING PHYSICS LAB | 24 | 42 | 2 |
| 15H41A0101 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 41 | 2 |
| 15H41A0102 | R13201 | ENGLISH-II | 19 | 47 | 3 |
| 15H41A0102 | R13202 | MATHEMATICS-III | 10 | 5 | 0 |
| 15H41A0102 | R13203 | ENGG. PHYSICS | 16 | 7 | 0 |
| 15H41A0102 | R13207 | MATHEMATICS-II (MM) | 16 | 8 | 0 |
| 15H41A0102 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 17 | 30 | 3 |
| 15H41A0102 | R13209 | ENGG. DRAWING | 28 | 33 | 3 |
| 15H41A0102 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 45 | 2 |
| 15H41A0102 | R13214 | ENGINEERING PHYSICS LAB | 22 | 44 | 2 |
| 15H41A0102 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 16 | 38 | 2 |
| 15H41A0103 | R13201 | ENGLISH-II | 20 | 36 | 3 |
| 15H41A0103 | R13202 | MATHEMATICS-III | 22 | 31 | 3 |
| 15H41A0103 | R13203 | ENGG. PHYSICS | 23 | 35 | 3 |
| 15H41A0103 | R13207 | MATHEMATICS-II (MM) | 26 | 34 | 3 |
| 15H41A0103 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 42 | 3 |
| 15H41A0103 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A0103 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0103 | R13214 | ENGINEERING PHYSICS LAB | 25 | 48 | 2 |
| 15H41A0103 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A0104 | R13201 | ENGLISH-II | 26 | 44 | 3 |
| 15H41A0104 | R13202 | MATHEMATICS-III | 26 | 25 | 3 |
| 15H41A0104 | R13203 | ENGG. PHYSICS | 22 | 24 | 3 |
| 15H41A0104 | R13207 | MATHEMATICS-II (MM) | 25 | 43 | 3 |
| 15H41A0104 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 23 | 37 | 3 |
| 15H41A0104 | R13209 | ENGG. DRAWING | 30 | 14 | 0 |
| 15H41A0104 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0104 | R13214 | ENGINEERING PHYSICS LAB | 21 | 47 | 2 |
| 15H41A0104 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 45 | 2 |
| 15H41A0105 | R13201 | ENGLISH-II | 26 | 40 | 3 |
| 15H41A0105 | R13202 | MATHEMATICS-III | 28 | 35 | 3 |
| 15H41A0105 | R13203 | ENGG. PHYSICS | 22 | 31 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0105 | R13207 | MATHEMATICS-II (MM) | 26 | 28 | 3 |
| 15H41A0105 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 30 | 3 |
| 15H41A0105 | R13209 | ENGG. DRAWING | 30 | 34 | 3 |
| 15H41A0105 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0105 | R13214 | ENGINEERING PHYSICS LAB | 20 | 47 | 2 |
| 15H41A0105 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 41 | 2 |
| 15H41A0106 | R13201 | ENGLISH-II | 28 | 51 | 3 |
| 15H41A0106 | R13202 | MATHEMATICS-III | 28 | 48 | 3 |
| 15H41A0106 | R13203 | ENGG. PHYSICS | 27 | 32 | 3 |
| 15H41A0106 | R13207 | MATHEMATICS-II (MM) | 28 | 54 | 3 |
| 15H41A0106 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 50 | 3 |
| 15H41A0106 | R13209 | ENGG. DRAWING | 30 | 62 | 3 |
| 15H41A0106 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0106 | R13214 | ENGINEERING PHYSICS LAB | 23 | 50 | 2 |
| 15H41A0106 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 48 | 2 |
| 15H41A0107 | R13201 | ENGLISH-II | 25 | 31 | 3 |
| 15H41A0107 | R13202 | MATHEMATICS-III | 28 | 38 | 3 |
| 15H41A0107 | R13203 | ENGG. PHYSICS | 24 | 37 | 3 |
| 15H41A0107 | R13207 | MATHEMATICS-II (MM) | 25 | 44 | 3 |
| 15H41A0107 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 30 | 3 |
| 15H41A0107 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A0107 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0107 | R13214 | ENGINEERING PHYSICS LAB | 24 | 50 | 2 |
| 15H41A0107 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 46 | 2 |
| 15H41A0108 | R13201 | ENGLISH-II | 14 | 9 | 0 |
| 15H41A0108 | R13202 | MATHEMATICS-III | 14 | 0 | 0 |
| 15H41A0108 | R13203 | ENGG. PHYSICS | 13 | 0 | 0 |
| 15H41A0108 | R13207 | MATHEMATICS-II (MM) | 6 | 3 | 0 |
| 15H41A0108 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 16 | 6 | 0 |
| 15H41A0108 | R13209 | ENGG. DRAWING | 25 | 0 | 0 |
| 15H41A0108 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 0 | 0 |
| 15H41A0108 | R13214 | ENGINEERING PHYSICS LAB | 22 | -1 | 0 |
| 15H41A0108 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | -1 | 0 |
| 15H41A0109 | R13201 | ENGLISH-II | 16 | 29 | 3 |
| 15H41A0109 | R13202 | MATHEMATICS-III | 17 | 5 | 0 |
| 15H41A0109 | R13203 | ENGG. PHYSICS | 17 | 5 | 0 |
| 15H41A0109 | R13207 | MATHEMATICS-II (MM) | 16 | 24 | 3 |
| 15H41A0109 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 19 | 28 | 3 |
| 15H41A0109 | R13209 | ENGG. DRAWING | 30 | 2 | 0 |
| 15H41A0109 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 47 | 2 |
| 15H41A0109 | R13214 | ENGINEERING PHYSICS LAB | 21 | 43 | 2 |
| 15H41A0109 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 35 | 2 |
| 15H41A0110 | R13201 | ENGLISH-II | 20 | 51 | 3 |
| 15H41A0110 | R13202 | MATHEMATICS-III | 26 | 9 | 0 |
| 15H41A0110 | R13203 | ENGG. PHYSICS | 22 | 24 | 3 |
| 15H41A0110 | R13207 | MATHEMATICS-II (MM) | 20 | 11 | 0 |
| 15H41A0110 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 41 | 3 |
| 15H41A0110 | R13209 | ENGG. DRAWING | 30 | 33 | 3 |
| 15H41A0110 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A0110 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0110 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 39 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0111 | R13201 | ENGLISH-II | 22 | 50 | 3 |
| 15H41A0111 | R13202 | MATHEMATICS-III | 19 | 6 | 0 |
| 15H41A0111 | R13203 | ENGG. PHYSICS | 17 | 7 | 0 |
| 15H41A0111 | R13207 | MATHEMATICS-II (MM) | 17 | 27 | 3 |
| 15H41A0111 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 34 | 3 |
| 15H41A0111 | R13209 | ENGG. DRAWING | 26 | 0 | 0 |
| 15H41A0111 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 47 | 2 |
| 15H41A0111 | R13214 | ENGINEERING PHYSICS LAB | 22 | 43 | 2 |
| 15H41A0111 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 45 | 2 |
| 15H41A0112 | R13201 | ENGLISH-II | 25 | 29 | 3 |
| 15H41A0112 | R13202 | MATHEMATICS-III | 23 | 26 | 3 |
| 15H41A0112 | R13203 | ENGG. PHYSICS | 20 | 7 | 0 |
| 15H41A0112 | R13207 | MATHEMATICS-II (MM) | 20 | 45 | 3 |
| 15H41A0112 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 29 | 3 |
| 15H41A0112 | R13209 | ENGG. DRAWING | 30 | 33 | 3 |
| 15H41A0112 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 50 | 2 |
| 15H41A0112 | R13214 | ENGINEERING PHYSICS LAB | 25 | 46 | 2 |
| 15H41A0112 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 47 | 2 |
| 15H41A0113 | R13201 | ENGLISH-II | 15 | 28 | 3 |
| 15H41A0113 | R13202 | MATHEMATICS-III | 14 | 1 | 0 |
| 15H41A0113 | R13203 | ENGG. PHYSICS | 15 | 8 | 0 |
| 15H41A0113 | R13207 | MATHEMATICS-II (MM) | 17 | 15 | 0 |
| 15H41A0113 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 27 | 3 |
| 15H41A0113 | R13209 | ENGG. DRAWING | 28 | 1 | 0 |
| 15H41A0113 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 46 | 2 |
| 15H41A0113 | R13214 | ENGINEERING PHYSICS LAB | 23 | 45 | 2 |
| 15H41A0113 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 37 | 2 |
| 15H41A0114 | R13201 | ENGLISH-II | 16 | 46 | 3 |
| 15H41A0114 | R13202 | MATHEMATICS-III | 17 | 0 | 0 |
| 15H41A0114 | R13203 | ENGG. PHYSICS | 18 | 3 | 0 |
| 15H41A0114 | R13207 | MATHEMATICS-II (MM) | 15 | 26 | 3 |
| 15H41A0114 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 18 | 33 | 3 |
| 15H41A0114 | R13209 | ENGG. DRAWING | 30 | 35 | 3 |
| 15H41A0114 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 47 | 2 |
| 15H41A0114 | R13214 | ENGINEERING PHYSICS LAB | 22 | 45 | 2 |
| 15H41A0114 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 38 | 2 |
| 15H41A0115 | R13201 | ENGLISH-II | 28 | 48 | 3 |
| 15H41A0115 | R13202 | MATHEMATICS-III | 23 | 49 | 3 |
| 15H41A0115 | R13203 | ENGG. PHYSICS | 21 | 56 | 3 |
| 15H41A0115 | R13207 | MATHEMATICS-II (MM) | 29 | 34 | 3 |
| 15H41A0115 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 31 | 3 |
| 15H41A0115 | R13209 | ENGG. DRAWING | 28 | 38 | 3 |
| 15H41A0115 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0115 | R13214 | ENGINEERING PHYSICS LAB | 20 | 46 | 2 |
| 15H41A0115 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 42 | 2 |
| 15H41A0117 | R13201 | ENGLISH-II | 21 | 27 | 3 |
| 15H41A0117 | R13202 | MATHEMATICS-III | 29 | 26 | 3 |
| 15H41A0117 | R13203 | ENGG. PHYSICS | 20 | 24 | 3 |
| 15H41A0117 | R13207 | MATHEMATICS-II (MM) | 25 | 42 | 3 |
| 15H41A0117 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 30 | 3 |
| 15H41A0117 | R13209 | ENGG. DRAWING | 28 | 25 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0117 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0117 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0117 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 44 | 2 |
| 15H41A0118 | R13201 | ENGLISH-II | 29 | 55 | 3 |
| 15H41A0118 | R13202 | MATHEMATICS-III | 28 | 59 | 3 |
| 15H41A0118 | R13203 | ENGG. PHYSICS | 25 | 32 | 3 |
| 15H41A0118 | R13207 | MATHEMATICS-II (MM) | 27 | 48 | 3 |
| 15H41A0118 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 30 | 3 |
| 15H41A0118 | R13209 | ENGG. DRAWING | 30 | 29 | 3 |
| 15H41A0118 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0118 | R13214 | ENGINEERING PHYSICS LAB | 20 | 49 | 2 |
| 15H41A0118 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 45 | 2 |
| 15H41A0119 | R13201 | ENGLISH-II | 24 | 51 | 3 |
| 15H41A0119 | R13202 | MATHEMATICS-III | 20 | 4 | 0 |
| 15H41A0119 | R13203 | ENGG. PHYSICS | 24 | 27 | 3 |
| 15H41A0119 | R13207 | MATHEMATICS-II (MM) | 22 | 24 | 3 |
| 15H41A0119 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 50 | 3 |
| 15H41A0119 | R13209 | ENGG. DRAWING | 30 | 11 | 0 |
| 15H41A0119 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 50 | 2 |
| 15H41A0119 | R13214 | ENGINEERING PHYSICS LAB | 20 | 49 | 2 |
| 15H41A0119 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 43 | 2 |
| 15H41A0120 | R13201 | ENGLISH-II | 23 | 51 | 3 |
| 15H41A0120 | R13202 | MATHEMATICS-III | 24 | 52 | 3 |
| 15H41A0120 | R13203 | ENGG. PHYSICS | 24 | 52 | 3 |
| 15H41A0120 | R13207 | MATHEMATICS-II (MM) | 28 | 53 | 3 |
| 15H41A0120 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 40 | 3 |
| 15H41A0120 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A0120 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0120 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A0120 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |
| 15H41A0121 | R13201 | ENGLISH-II | 19 | 40 | 3 |
| 15H41A0121 | R13202 | MATHEMATICS-III | 20 | 38 | 3 |
| 15H41A0121 | R13203 | ENGG. PHYSICS | 20 | 24 | 3 |
| 15H41A0121 | R13207 | MATHEMATICS-II (MM) | 23 | 36 | 3 |
| 15H41A0121 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 20 | 34 | 3 |
| 15H41A0121 | R13209 | ENGG. DRAWING | 30 | 1 | 0 |
| 15H41A0121 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 21 | 2 |
| 15H41A0121 | R13214 | ENGINEERING PHYSICS LAB | 23 | 45 | 2 |
| 15H41A0121 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 41 | 2 |
| 15H41A0122 | R13201 | ENGLISH-II | 12 | 28 | 3 |
| 15H41A0122 | R13202 | MATHEMATICS-III | 14 | 26 | 3 |
| 15H41A0122 | R13203 | ENGG. PHYSICS | 18 | 8 | 0 |
| 15H41A0122 | R13207 | MATHEMATICS-II (MM) | 14 | 0 | 0 |
| 15H41A0122 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 17 | 28 | 3 |
| 15H41A0122 | R13209 | ENGG. DRAWING | 30 | 0 | 0 |
| 15H41A0122 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 46 | 2 |
| 15H41A0122 | R13214 | ENGINEERING PHYSICS LAB | 23 | 44 | 2 |
| 15H41A0122 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 35 | 2 |
| 15H41A0123 | R13201 | ENGLISH-II | 13 | 37 | 3 |
| 15H41A0123 | R13202 | MATHEMATICS-III | 13 | 0 | 0 |
| 15H41A0123 | R13203 | ENGG. PHYSICS | 14 | 2 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0123 | R13207 | MATHEMATICS-II (MM) | 13 | 12 | 0 |
| 15H41A0123 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 19 | 35 | 3 |
| 15H41A0123 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0123 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 47 | 2 |
| 15H41A0123 | R13214 | ENGINEERING PHYSICS LAB | 20 | 42 | 2 |
| 15H41A0123 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 42 | 2 |
| 15H41A0124 | R13201 | ENGLISH-II | 29 | 56 | 3 |
| 15H41A0124 | R13202 | MATHEMATICS-III | 26 | 34 | 3 |
| 15H41A0124 | R13203 | ENGG. PHYSICS | 22 | 2 | 0 |
| 15H41A0124 | R13207 | MATHEMATICS-II (MM) | 23 | 45 | 3 |
| 15H41A0124 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 40 | 3 |
| 15H41A0124 | R13209 | ENGG. DRAWING | 28 | 35 | 3 |
| 15H41A0124 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0124 | R13214 | ENGINEERING PHYSICS LAB | 25 | 47 | 2 |
| 15H41A0124 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |
| 15H41A0125 | R13201 | ENGLISH-II | 24 | 32 | 3 |
| 15H41A0125 | R13202 | MATHEMATICS-III | 21 | 34 | 3 |
| 15H41A0125 | R13203 | ENGG. PHYSICS | 25 | 35 | 3 |
| 15H41A0125 | R13207 | MATHEMATICS-II (MM) | 22 | 27 | 3 |
| 15H41A0125 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 46 | 3 |
| 15H41A0125 | R13209 | ENGG. DRAWING | 28 | 29 | 3 |
| 15H41A0125 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 50 | 2 |
| 15H41A0125 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0125 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |
| 15H41A0126 | R13201 | ENGLISH-II | 24 | 28 | 3 |
| 15H41A0126 | R13202 | MATHEMATICS-III | 25 | 24 | 3 |
| 15H41A0126 | R13203 | ENGG. PHYSICS | 20 | 6 | 0 |
| 15H41A0126 | R13207 | MATHEMATICS-II (MM) | 21 | 37 | 3 |
| 15H41A0126 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 19 | 45 | 3 |
| 15H41A0126 | R13209 | ENGG. DRAWING | 30 | 12 | 0 |
| 15H41A0126 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A0126 | R13214 | ENGINEERING PHYSICS LAB | 24 | 45 | 2 |
| 15H41A0126 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 48 | 2 |
| 15H41A0127 | R13201 | ENGLISH-II | 26 | 40 | 3 |
| 15H41A0127 | R13202 | MATHEMATICS-III | 25 | 45 | 3 |
| 15H41A0127 | R13203 | ENGG. PHYSICS | 27 | 30 | 3 |
| 15H41A0127 | R13207 | MATHEMATICS-II (MM) | 23 | 43 | 3 |
| 15H41A0127 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 49 | 3 |
| 15H41A0127 | R13209 | ENGG. DRAWING | 28 | 51 | 3 |
| 15H41A0127 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0127 | R13214 | ENGINEERING PHYSICS LAB | 24 | 50 | 2 |
| 15H41A0127 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |
| 15H41A0128 | R13201 | ENGLISH-II | 19 | 41 | 3 |
| 15H41A0128 | R13202 | MATHEMATICS-III | 20 | 45 | 3 |
| 15H41A0128 | R13203 | ENGG. PHYSICS | 20 | 41 | 3 |
| 15H41A0128 | R13207 | MATHEMATICS-II (MM) | 22 | 48 | 3 |
| 15H41A0128 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 29 | 3 |
| 15H41A0128 | R13209 | ENGG. DRAWING | 30 | 35 | 3 |
| 15H41A0128 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 50 | 2 |
| 15H41A0128 | R13214 | ENGINEERING PHYSICS LAB | 24 | 46 | 2 |
| 15H41A0128 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 47 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0129 | R13201 | ENGLISH-II | 17 | 29 | 3 |
| 15H41A0129 | R13202 | MATHEMATICS-III | 14 | 2 | 0 |
| 15H41A0129 | R13203 | ENGG. PHYSICS | 15 | 0 | 0 |
| 15H41A0129 | R13207 | MATHEMATICS-II (MM) | 20 | 9 | 0 |
| 15H41A0129 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 17 | 35 | 3 |
| 15H41A0129 | R13209 | ENGG. DRAWING | 28 | 1 | 0 |
| 15H41A0129 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 42 | 2 |
| 15H41A0129 | R13214 | ENGINEERING PHYSICS LAB | 22 | 42 | 2 |
| 15H41A0129 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 38 | 2 |
| 15H41A0130 | R13201 | ENGLISH-II | 15 | 25 | 3 |
| 15H41A0130 | R13202 | MATHEMATICS-III | 16 | 8 | 0 |
| 15H41A0130 | R13203 | ENGG. PHYSICS | 15 | 6 | 0 |
| 15H41A0130 | R13207 | MATHEMATICS-II (MM) | 13 | 27 | 3 |
| 15H41A0130 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 19 | 29 | 3 |
| 15H41A0130 | R13209 | ENGG. DRAWING | 30 | 2 | 0 |
| 15H41A0130 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 44 | 2 |
| 15H41A0130 | R13214 | ENGINEERING PHYSICS LAB | 24 | 44 | 2 |
| 15H41A0130 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 39 | 2 |
| 15H41A0131 | R13201 | ENGLISH-II | 17 | 24 | 3 |
| 15H41A0131 | R13202 | MATHEMATICS-III | 16 | 12 | 0 |
| 15H41A0131 | R13203 | ENGG. PHYSICS | 17 | 0 | 0 |
| 15H41A0131 | R13207 | MATHEMATICS-II (MM) | 16 | 24 | 3 |
| 15H41A0131 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 20 | 29 | 3 |
| 15H41A0131 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0131 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 44 | 2 |
| 15H41A0131 | R13214 | ENGINEERING PHYSICS LAB | 22 | 43 | 2 |
| 15H41A0131 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 40 | 2 |
| 15H41A0132 | R13201 | ENGLISH-II | 26 | 46 | 3 |
| 15H41A0132 | R13202 | MATHEMATICS-III | 27 | 39 | 3 |
| 15H41A0132 | R13203 | ENGG. PHYSICS | 19 | 9 | 0 |
| 15H41A0132 | R13207 | MATHEMATICS-II (MM) | 22 | 33 | 3 |
| 15H41A0132 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 23 | 30 | 3 |
| 15H41A0132 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0132 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 42 | 2 |
| 15H41A0132 | R13214 | ENGINEERING PHYSICS LAB | 20 | 45 | 2 |
| 15H41A0132 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 45 | 2 |
| 15H41A0133 | R13201 | ENGLISH-II | 27 | 29 | 3 |
| 15H41A0133 | R13202 | MATHEMATICS-III | 28 | 47 | 3 |
| 15H41A0133 | R13203 | ENGG. PHYSICS | 23 | 24 | 3 |
| 15H41A0133 | R13207 | MATHEMATICS-II (MM) | 28 | 43 | 3 |
| 15H41A0133 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 38 | 3 |
| 15H41A0133 | R13209 | ENGG. DRAWING | 30 | 50 | 3 |
| 15H41A0133 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0133 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0133 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 49 | 2 |
| 15H41A0134 | R13201 | ENGLISH-II | 21 | 27 | 3 |
| 15H41A0134 | R13202 | MATHEMATICS-III | 25 | 24 | 3 |
| 15H41A0134 | R13203 | ENGG. PHYSICS | 19 | 35 | 3 |
| 15H41A0134 | R13207 | MATHEMATICS-II (MM) | 24 | 10 | 0 |
| 15H41A0134 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 31 | 3 |
| 15H41A0134 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0134 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 44 | 2 |
| 15H41A0134 | R13214 | ENGINEERING PHYSICS LAB | 24 | 45 | 2 |
| 15H41A0134 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 43 | 2 |
| 15H41A0135 | R13201 | ENGLISH-II | 15 | 35 | 3 |
| 15H41A0135 | R13202 | MATHEMATICS-III | 18 | 0 | 0 |
| 15H41A0135 | R13203 | ENGG. PHYSICS | 15 | 8 | 0 |
| 15H41A0135 | R13207 | MATHEMATICS-II (MM) | 18 | 4 | 0 |
| 15H41A0135 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 20 | 48 | 3 |
| 15H41A0135 | R13209 | ENGG. DRAWING | 28 | 10 | 0 |
| 15H41A0135 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 47 | 2 |
| 15H41A0135 | R13214 | ENGINEERING PHYSICS LAB | 23 | 40 | 2 |
| 15H41A0135 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 18 | 37 | 2 |
| 15H41A0136 | R13201 | ENGLISH-II | 20 | 49 | 3 |
| 15H41A0136 | R13202 | MATHEMATICS-III | 26 | 39 | 3 |
| 15H41A0136 | R13203 | ENGG. PHYSICS | 23 | 47 | 3 |
| 15H41A0136 | R13207 | MATHEMATICS-II (MM) | 26 | 37 | 3 |
| 15H41A0136 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 23 | 29 | 3 |
| 15H41A0136 | R13209 | ENGG. DRAWING | 28 | 33 | 3 |
| 15H41A0136 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 50 | 2 |
| 15H41A0136 | R13214 | ENGINEERING PHYSICS LAB | 23 | 48 | 2 |
| 15H41A0136 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 46 | 2 |
| 15H41A0137 | R13201 | ENGLISH-II | 30 | 49 | 3 |
| 15H41A0137 | R13202 | MATHEMATICS-III | 28 | 59 | 3 |
| 15H41A0137 | R13203 | ENGG. PHYSICS | 25 | 36 | 3 |
| 15H41A0137 | R13207 | MATHEMATICS-II (MM) | 26 | 55 | 3 |
| 15H41A0137 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 36 | 3 |
| 15H41A0137 | R13209 | ENGG. DRAWING | 28 | 43 | 3 |
| 15H41A0137 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 50 | 2 |
| 15H41A0137 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0137 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 46 | 2 |
| 15H41A0138 | R13201 | ENGLISH-II | 27 | 54 | 3 |
| 15H41A0138 | R13202 | MATHEMATICS-III | 28 | 41 | 3 |
| 15H41A0138 | R13203 | ENGG. PHYSICS | 25 | 31 | 3 |
| 15H41A0138 | R13207 | MATHEMATICS-II (MM) | 26 | 49 | 3 |
| 15H41A0138 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 29 | 3 |
| 15H41A0138 | R13209 | ENGG. DRAWING | 30 | 9 | 0 |
| 15H41A0138 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0138 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0138 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 43 | 2 |
| 15H41A0139 | R13201 | ENGLISH-II | 20 | 35 | 3 |
| 15H41A0139 | R13202 | MATHEMATICS-III | 18 | 33 | 3 |
| 15H41A0139 | R13203 | ENGG. PHYSICS | 17 | 24 | 3 |
| 15H41A0139 | R13207 | MATHEMATICS-II (MM) | 25 | 47 | 3 |
| 15H41A0139 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 20 | 41 | 3 |
| 15H41A0139 | R13209 | ENGG. DRAWING | 30 | 54 | 3 |
| 15H41A0139 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 47 | 2 |
| 15H41A0139 | R13214 | ENGINEERING PHYSICS LAB | 24 | 43 | 2 |
| 15H41A0139 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 47 | 2 |
| 15H41A0140 | R13201 | ENGLISH-II | 29 | 55 | 3 |
| 15H41A0140 | R13202 | MATHEMATICS-III | 28 | 35 | 3 |
| 15H41A0140 | R13203 | ENGG. PHYSICS | 23 | 24 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0140 | R13207 | MATHEMATICS-II (MM) | 25 | 37 | 3 |
| 15H41A0140 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 28 | 3 |
| 15H41A0140 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A0140 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 50 | 2 |
| 15H41A0140 | R13214 | ENGINEERING PHYSICS LAB | 24 | 50 | 2 |
| 15H41A0140 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 48 | 2 |
| 15H41A0141 | R13201 | ENGLISH-II | 27 | 31 | 3 |
| 15H41A0141 | R13202 | MATHEMATICS-III | 28 | 43 | 3 |
| 15H41A0141 | R13203 | ENGG. PHYSICS | 25 | 41 | 3 |
| 15H41A0141 | R13207 | MATHEMATICS-II (MM) | 27 | 50 | 3 |
| 15H41A0141 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 40 | 3 |
| 15H41A0141 | R13209 | ENGG. DRAWING | 30 | 51 | 3 |
| 15H41A0141 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 46 | 2 |
| 15H41A0141 | R13214 | ENGINEERING PHYSICS LAB | 24 | 50 | 2 |
| 15H41A0141 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 47 | 2 |
| 15H41A0142 | R13201 | ENGLISH-II | 22 | 33 | 3 |
| 15H41A0142 | R13202 | MATHEMATICS-III | 23 | 14 | 0 |
| 15H41A0142 | R13203 | ENGG. PHYSICS | 20 | 31 | 3 |
| 15H41A0142 | R13207 | MATHEMATICS-II (MM) | 22 | 29 | 3 |
| 15H41A0142 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 29 | 3 |
| 15H41A0142 | R13209 | ENGG. DRAWING | 30 | 28 | 3 |
| 15H41A0142 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 46 | 2 |
| 15H41A0142 | R13214 | ENGINEERING PHYSICS LAB | 24 | 46 | 2 |
| 15H41A0142 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 45 | 2 |
| 15H41A0143 | R13201 | ENGLISH-II | 27 | 59 | 3 |
| 15H41A0143 | R13202 | MATHEMATICS-III | 28 | 62 | 3 |
| 15H41A0143 | R13203 | ENGG. PHYSICS | 26 | 32 | 3 |
| 15H41A0143 | R13207 | MATHEMATICS-II (MM) | 27 | 54 | 3 |
| 15H41A0143 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 62 | 3 |
| 15H41A0143 | R13209 | ENGG. DRAWING | 30 | 67 | 3 |
| 15H41A0143 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0143 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0143 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 47 | 2 |
| 15H41A0144 | R13201 | ENGLISH-II | 13 | 36 | 3 |
| 15H41A0144 | R13202 | MATHEMATICS-III | 19 | 10 | 0 |
| 15H41A0144 | R13203 | ENGG. PHYSICS | 15 | 6 | 0 |
| 15H41A0144 | R13207 | MATHEMATICS-II (MM) | 19 | 4 | 0 |
| 15H41A0144 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 24 | 3 |
| 15H41A0144 | R13209 | ENGG. DRAWING | 28 | 0 | 0 |
| 15H41A0144 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 47 | 2 |
| 15H41A0144 | R13214 | ENGINEERING PHYSICS LAB | 20 | 43 | 2 |
| 15H41A0144 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 36 | 2 |
| 15H41A0145 | R13201 | ENGLISH-II | 17 | 38 | 3 |
| 15H41A0145 | R13202 | MATHEMATICS-III | 16 | 10 | 0 |
| 15H41A0145 | R13203 | ENGG. PHYSICS | 17 | 4 | 0 |
| 15H41A0145 | R13207 | MATHEMATICS-II (MM) | 23 | 15 | 0 |
| 15H41A0145 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 40 | 3 |
| 15H41A0145 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0145 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 46 | 2 |
| 15H41A0145 | R13214 | ENGINEERING PHYSICS LAB | 23 | 44 | 2 |
| 15H41A0145 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 47 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0146 | R13201 | ENGLISH-II | 21 | 34 | 3 |
| 15H41A0146 | R13202 | MATHEMATICS-III | 20 | 39 | 3 |
| 15H41A0146 | R13203 | ENGG. PHYSICS | 25 | 37 | 3 |
| 15H41A0146 | R13207 | MATHEMATICS-II (MM) | 22 | 39 | 3 |
| 15H41A0146 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 24 | 3 |
| 15H41A0146 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0146 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 50 | 2 |
| 15H41A0146 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0146 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 49 | 2 |
| 15H41A0147 | R13201 | ENGLISH-II | 24 | 35 | 3 |
| 15H41A0147 | R13202 | MATHEMATICS-III | 23 | 13 | 0 |
| 15H41A0147 | R13203 | ENGG. PHYSICS | 20 | 4 | 0 |
| 15H41A0147 | R13207 | MATHEMATICS-II (MM) | 20 | 12 | 0 |
| 15H41A0147 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 48 | 3 |
| 15H41A0147 | R13209 | ENGG. DRAWING | 30 | 6 | 0 |
| 15H41A0147 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 32 | 2 |
| 15H41A0147 | R13214 | ENGINEERING PHYSICS LAB | 23 | 46 | 2 |
| 15H41A0147 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 42 | 2 |
| 15H41A0148 | R13201 | ENGLISH-II | 22 | 50 | 3 |
| 15H41A0148 | R13202 | MATHEMATICS-III | 15 | 25 | 3 |
| 15H41A0148 | R13203 | ENGG. PHYSICS | 18 | 3 | 0 |
| 15H41A0148 | R13207 | MATHEMATICS-II (MM) | 15 | 31 | 3 |
| 15H41A0148 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 17 | 24 | 3 |
| 15H41A0148 | R13209 | ENGG. DRAWING | 28 | 2 | 0 |
| 15H41A0148 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 48 | 2 |
| 15H41A0148 | R13214 | ENGINEERING PHYSICS LAB | 24 | 44 | 2 |
| 15H41A0148 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 18 | 35 | 2 |
| 15H41A0149 | R13201 | ENGLISH-II | 20 | 29 | 3 |
| 15H41A0149 | R13202 | MATHEMATICS-III | 14 | 16 | 0 |
| 15H41A0149 | R13203 | ENGG. PHYSICS | 19 | 5 | 0 |
| 15H41A0149 | R13207 | MATHEMATICS-II (MM) | 14 | 26 | 3 |
| 15H41A0149 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 36 | 3 |
| 15H41A0149 | R13209 | ENGG. DRAWING | 30 | 9 | 0 |
| 15H41A0149 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 44 | 2 |
| 15H41A0149 | R13214 | ENGINEERING PHYSICS LAB | 23 | 45 | 2 |
| 15H41A0149 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 15 | 42 | 2 |
| 15H41A0150 | R13201 | ENGLISH-II | 21 | 48 | 3 |
| 15H41A0150 | R13202 | MATHEMATICS-III | 28 | 24 | 3 |
| 15H41A0150 | R13203 | ENGG. PHYSICS | 20 | 31 | 3 |
| 15H41A0150 | R13207 | MATHEMATICS-II (MM) | 22 | 27 | 3 |
| 15H41A0150 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 29 | 3 |
| 15H41A0150 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0150 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 45 | 2 |
| 15H41A0150 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0150 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 44 | 2 |
| 15H41A0151 | R13201 | ENGLISH-II | 28 | 49 | 3 |
| 15H41A0151 | R13202 | MATHEMATICS-III | 23 | 42 | 3 |
| 15H41A0151 | R13203 | ENGG. PHYSICS | 26 | 47 | 3 |
| 15H41A0151 | R13207 | MATHEMATICS-II (MM) | 28 | 57 | 3 |
| 15H41A0151 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 56 | 3 |
| 15H41A0151 | R13209 | ENGG. DRAWING | 30 | 60 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0151 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 51 | 2 |
| 15H41A0151 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0151 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 50 | 2 |
| 15H41A0152 | R13201 | ENGLISH-II | 15 | 52 | 3 |
| 15H41A0152 | R13202 | MATHEMATICS-III | 14 | 3 | 0 |
| 15H41A0152 | R13203 | ENGG. PHYSICS | 18 | 0 | 0 |
| 15H41A0152 | R13207 | MATHEMATICS-II (MM) | 17 | 7 | 0 |
| 15H41A0152 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 20 | 35 | 3 |
| 15H41A0152 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A0152 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 32 | 2 |
| 15H41A0152 | R13214 | ENGINEERING PHYSICS LAB | 22 | 44 | 2 |
| 15H41A0152 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 12 | 37 | 2 |
| 15H41A0153 | R13201 | ENGLISH-II | 22 | 24 | 3 |
| 15H41A0153 | R13202 | MATHEMATICS-III | 14 | 15 | 0 |
| 15H41A0153 | R13203 | ENGG. PHYSICS | 15 | 0 | 0 |
| 15H41A0153 | R13207 | MATHEMATICS-II (MM) | 14 | 14 | 0 |
| 15H41A0153 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 23 | 28 | 3 |
| 15H41A0153 | R13209 | ENGG. DRAWING | 30 | 6 | 0 |
| 15H41A0153 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 41 | 2 |
| 15H41A0153 | R13214 | ENGINEERING PHYSICS LAB | 20 | 43 | 2 |
| 15H41A0153 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 37 | 2 |
| 15H41A0154 | R13201 | ENGLISH-II | 16 | 36 | 3 |
| 15H41A0154 | R13202 | MATHEMATICS-III | 14 | 6 | 0 |
| 15H41A0154 | R13203 | ENGG. PHYSICS | 17 | 24 | 3 |
| 15H41A0154 | R13207 | MATHEMATICS-II (MM) | 10 | 33 | 3 |
| 15H41A0154 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 19 | 34 | 3 |
| 15H41A0154 | R13209 | ENGG. DRAWING | 30 | 1 | 0 |
| 15H41A0154 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 39 | 2 |
| 15H41A0154 | R13214 | ENGINEERING PHYSICS LAB | 20 | 44 | 2 |
| 15H41A0154 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 40 | 2 |
| 15H41A0155 | R13201 | ENGLISH-II | 18 | 35 | 3 |
| 15H41A0155 | R13202 | MATHEMATICS-III | 13 | 8 | 0 |
| 15H41A0155 | R13203 | ENGG. PHYSICS | 21 | 8 | 0 |
| 15H41A0155 | R13207 | MATHEMATICS-II (MM) | 17 | 26 | 3 |
| 15H41A0155 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 51 | 3 |
| 15H41A0155 | R13209 | ENGG. DRAWING | 30 | 26 | 3 |
| 15H41A0155 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 12 | 45 | 2 |
| 15H41A0155 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0155 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 33 | 2 |
| 15H41A0156 | R13201 | ENGLISH-II | 23 | 53 | 3 |
| 15H41A0156 | R13202 | MATHEMATICS-III | 10 | 8 | 0 |
| 15H41A0156 | R13203 | ENGG. PHYSICS | 17 | 37 | 3 |
| 15H41A0156 | R13207 | MATHEMATICS-II (MM) | 18 | 35 | 3 |
| 15H41A0156 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 34 | 3 |
| 15H41A0156 | R13209 | ENGG. DRAWING | 30 | 26 | 3 |
| 15H41A0156 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 43 | 2 |
| 15H41A0156 | R13214 | ENGINEERING PHYSICS LAB | 24 | 50 | 2 |
| 15H41A0156 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 41 | 2 |
| 15H41A0157 | R13201 | ENGLISH-II | 23 | 38 | 3 |
| 15H41A0157 | R13202 | MATHEMATICS-III | 23 | 25 | 3 |
| 15H41A0157 | R13203 | ENGG. PHYSICS | 26 | 24 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0157 | R13207 | MATHEMATICS-II (MM) | 24 | 48 | 3 |
| 15H41A0157 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 35 | 3 |
| 15H41A0157 | R13209 | ENGG. DRAWING | 30 | 11 | 0 |
| 15H41A0157 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 50 | 2 |
| 15H41A0157 | R13214 | ENGINEERING PHYSICS LAB | 23 | 50 | 2 |
| 15H41A0157 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 48 | 2 |
| 15H41A0158 | R13201 | ENGLISH-II | 17 | 24 | 3 |
| 15H41A0158 | R13202 | MATHEMATICS-III | 13 | 9 | 0 |
| 15H41A0158 | R13203 | ENGG. PHYSICS | 19 | 8 | 0 |
| 15H41A0158 | R13207 | MATHEMATICS-II (MM) | 16 | 10 | 0 |
| 15H41A0158 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 20 | 25 | 3 |
| 15H41A0158 | R13209 | ENGG. DRAWING | 30 | 1 | 0 |
| 15H41A0158 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 46 | 2 |
| 15H41A0158 | R13214 | ENGINEERING PHYSICS LAB | 23 | 45 | 2 |
| 15H41A0158 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 36 | 2 |
| 15H41A0201 | R13201 | ENGLISH-II | 25 | 31 | 3 |
| 15H41A0201 | R13202 | MATHEMATICS-III | 21 | 32 | 3 |
| 15H41A0201 | R13204 | ENGG. CHEMISTRY | 24 | 8 | 0 |
| 15H41A0201 | R13205 | C PROGRAMMING | 26 | 25 | 3 |
| 15H41A0201 | R13210 | ENGG. MECHANICS | 26 | 29 | 3 |
| 15H41A0201 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 27 | 12 | 0 |
| 15H41A0201 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 40 | 2 |
| 15H41A0201 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 45 | 2 |
| 15H41A0201 | R13218 | C PROGRAMMING LAB | 24 | 49 | 2 |
| 15H41A0202 | R13201 | ENGLISH-II | 21 | 27 | 3 |
| 15H41A0202 | R13202 | MATHEMATICS-III | 23 | 38 | 3 |
| 15H41A0202 | R13204 | ENGG. CHEMISTRY | 22 | 42 | 3 |
| 15H41A0202 | R13205 | C PROGRAMMING | 23 | 30 | 3 |
| 15H41A0202 | R13210 | ENGG. MECHANICS | 29 | 30 | 3 |
| 15H41A0202 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 29 | 24 | 3 |
| 15H41A0202 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 40 | 2 |
| 15H41A0202 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 40 | 2 |
| 15H41A0202 | R13218 | C PROGRAMMING LAB | 23 | 45 | 2 |
| 15H41A0203 | R13201 | ENGLISH-II | 24 | 26 | 3 |
| 15H41A0203 | R13202 | MATHEMATICS-III | 13 | 0 | 0 |
| 15H41A0203 | R13204 | ENGG. CHEMISTRY | 19 | 4 | 0 |
| 15H41A0203 | R13205 | C PROGRAMMING | 21 | 16 | 0 |
| 15H41A0203 | R13210 | ENGG. MECHANICS | 18 | 0 | 0 |
| 15H41A0203 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 19 | 2 | 0 |
| 15H41A0203 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 41 | 2 |
| 15H41A0203 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 45 | 2 |
| 15H41A0203 | R13218 | C PROGRAMMING LAB | 23 | 40 | 2 |
| 15H41A0204 | R13201 | ENGLISH-II | 20 | 26 | 3 |
| 15H41A0204 | R13202 | MATHEMATICS-III | 23 | 25 | 3 |
| 15H41A0204 | R13204 | ENGG. CHEMISTRY | 20 | 16 | 0 |
| 15H41A0204 | R13205 | C PROGRAMMING | 22 | 17 | 0 |
| 15H41A0204 | R13210 | ENGG. MECHANICS | 24 | 10 | 0 |
| 15H41A0204 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 19 | 25 | 3 |
| 15H41A0204 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 40 | 2 |
| 15H41A0204 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 40 | 2 |
| 15H41A0204 | R13218 | C PROGRAMMING LAB | 20 | 41 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0205 | R13201 | ENGLISH-II | 19 | 32 | 3 |
| 15H41A0205 | R13202 | MATHEMATICS-III | 15 | 34 | 3 |
| 15H41A0205 | R13204 | ENGG. CHEMISTRY | 25 | 28 | 3 |
| 15H41A0205 | R13205 | C PROGRAMMING | 22 | 24 | 3 |
| 15H41A0205 | R13210 | ENGG. MECHANICS | 19 | 24 | 3 |
| 15H41A0205 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 21 | 30 | 3 |
| 15H41A0205 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 42 | 2 |
| 15H41A0205 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 40 | 2 |
| 15H41A0205 | R13218 | C PROGRAMMING LAB | 19 | 40 | 2 |
| 15H41A0206 | R13201 | ENGLISH-II | 24 | 31 | 3 |
| 15H41A0206 | R13202 | MATHEMATICS-III | 19 | 10 | 0 |
| 15H41A0206 | R13204 | ENGG. CHEMISTRY | 22 | 27 | 3 |
| 15H41A0206 | R13205 | C PROGRAMMING | 24 | 30 | 3 |
| 15H41A0206 | R13210 | ENGG. MECHANICS | 19 | 24 | 3 |
| 15H41A0206 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 21 | 33 | 3 |
| 15H41A0206 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 47 | 2 |
| 15H41A0206 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 44 | 2 |
| 15H41A0206 | R13218 | C PROGRAMMING LAB | 22 | 47 | 2 |
| 15H41A0207 | R13201 | ENGLISH-II | 25 | 24 | 3 |
| 15H41A0207 | R13202 | MATHEMATICS-III | 19 | 25 | 3 |
| 15H41A0207 | R13204 | ENGG. CHEMISTRY | 25 | 8 | 0 |
| 15H41A0207 | R13205 | C PROGRAMMING | 22 | 37 | 3 |
| 15H41A0207 | R13210 | ENGG. MECHANICS | 27 | 11 | 0 |
| 15H41A0207 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 22 | 24 | 3 |
| 15H41A0207 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 50 | 2 |
| 15H41A0207 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0207 | R13218 | C PROGRAMMING LAB | 24 | 41 | 2 |
| 15H41A0208 | R13201 | ENGLISH-II | 28 | 33 | 3 |
| 15H41A0208 | R13202 | MATHEMATICS-III | 26 | 44 | 3 |
| 15H41A0208 | R13204 | ENGG. CHEMISTRY | 25 | 24 | 3 |
| 15H41A0208 | R13205 | C PROGRAMMING | 29 | 33 | 3 |
| 15H41A0208 | R13210 | ENGG. MECHANICS | 29 | 24 | 3 |
| 15H41A0208 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 28 | 3 |
| 15H41A0208 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 50 | 2 |
| 15H41A0208 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 45 | 2 |
| 15H41A0208 | R13218 | C PROGRAMMING LAB | 25 | 49 | 2 |
| 15H41A0210 | R13201 | ENGLISH-II | 15 | 32 | 3 |
| 15H41A0210 | R13202 | MATHEMATICS-III | 20 | 29 | 3 |
| 15H41A0210 | R13204 | ENGG. CHEMISTRY | 25 | 24 | 3 |
| 15H41A0210 | R13205 | C PROGRAMMING | 25 | 29 | 3 |
| 15H41A0210 | R13210 | ENGG. MECHANICS | 24 | 24 | 3 |
| 15H41A0210 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 18 | 14 | 0 |
| 15H41A0210 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 45 | 2 |
| 15H41A0210 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 43 | 2 |
| 15H41A0210 | R13218 | C PROGRAMMING LAB | 24 | 45 | 2 |
| 15H41A0211 | R13201 | ENGLISH-II | 22 | 36 | 3 |
| 15H41A0211 | R13202 | MATHEMATICS-III | 17 | 19 | 0 |
| 15H41A0211 | R13204 | ENGG. CHEMISTRY | 22 | 6 | 0 |
| 15H41A0211 | R13205 | C PROGRAMMING | 25 | 13 | 0 |
| 15H41A0211 | R13210 | ENGG. MECHANICS | 22 | 24 | 3 |
| 15H41A0211 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 19 | 39 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0211 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 43 | 2 |
| 15H41A0211 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 40 | 2 |
| 15H41A0211 | R13218 | C PROGRAMMING LAB | 23 | 46 | 2 |
| 15H41A0212 | R13201 | ENGLISH-II | 27 | 37 | 3 |
| 15H41A0212 | R13202 | MATHEMATICS-III | 26 | 34 | 3 |
| 15H41A0212 | R13204 | ENGG. CHEMISTRY | 27 | 26 | 3 |
| 15H41A0212 | R13205 | C PROGRAMMING | 27 | 31 | 3 |
| 15H41A0212 | R13210 | ENGG. MECHANICS | 27 | 24 | 3 |
| 15H41A0212 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 44 | 3 |
| 15H41A0212 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0212 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0212 | R13218 | C PROGRAMMING LAB | 25 | 49 | 2 |
| 15H41A0213 | R13201 | ENGLISH-II | 19 | 26 | 3 |
| 15H41A0213 | R13202 | MATHEMATICS-III | 21 | 36 | 3 |
| 15H41A0213 | R13204 | ENGG. CHEMISTRY | 25 | 24 | 3 |
| 15H41A0213 | R13205 | C PROGRAMMING | 13 | 27 | 3 |
| 15H41A0213 | R13210 | ENGG. MECHANICS | 21 | 6 | 0 |
| 15H41A0213 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 19 | 24 | 3 |
| 15H41A0213 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 46 | 2 |
| 15H41A0213 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 47 | 2 |
| 15H41A0213 | R13218 | C PROGRAMMING LAB | 21 | 42 | 2 |
| 15H41A0214 | R13201 | ENGLISH-II | 23 | 31 | 3 |
| 15H41A0214 | R13202 | MATHEMATICS-III | 22 | 33 | 3 |
| 15H41A0214 | R13204 | ENGG. CHEMISTRY | 23 | 30 | 3 |
| 15H41A0214 | R13205 | C PROGRAMMING | 27 | 32 | 3 |
| 15H41A0214 | R13210 | ENGG. MECHANICS | 23 | 24 | 3 |
| 15H41A0214 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 31 | 3 |
| 15H41A0214 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 50 | 2 |
| 15H41A0214 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 46 | 2 |
| 15H41A0214 | R13218 | C PROGRAMMING LAB | 24 | 46 | 2 |
| 15H41A0215 | R13201 | ENGLISH-II | 26 | 38 | 3 |
| 15H41A0215 | R13202 | MATHEMATICS-III | 14 | 12 | 0 |
| 15H41A0215 | R13204 | ENGG. CHEMISTRY | 21 | 2 | 0 |
| 15H41A0215 | R13205 | C PROGRAMMING | 23 | 10 | 0 |
| 15H41A0215 | R13210 | ENGG. MECHANICS | 27 | 5 | 0 |
| 15H41A0215 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 21 | 33 | 3 |
| 15H41A0215 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0215 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 40 | 2 |
| 15H41A0215 | R13218 | C PROGRAMMING LAB | 24 | 45 | 2 |
| 15H41A0216 | R13201 | ENGLISH-II | 20 | 25 | 3 |
| 15H41A0216 | R13202 | MATHEMATICS-III | 28 | 45 | 3 |
| 15H41A0216 | R13204 | ENGG. CHEMISTRY | 24 | 25 | 3 |
| 15H41A0216 | R13205 | C PROGRAMMING | 24 | 38 | 3 |
| 15H41A0216 | R13210 | ENGG. MECHANICS | 24 | 24 | 3 |
| 15H41A0216 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 29 | 24 | 3 |
| 15H41A0216 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 40 | 2 |
| 15H41A0216 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 50 | 2 |
| 15H41A0216 | R13218 | C PROGRAMMING LAB | 24 | 46 | 2 |
| 15H41A0217 | R13201 | ENGLISH-II | 22 | 24 | 3 |
| 15H41A0217 | R13202 | MATHEMATICS-III | 24 | 35 | 3 |
| 15H41A0217 | R13204 | ENGG. CHEMISTRY | 23 | 14 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0217 | R13205 | C PROGRAMMING | 25 | 24 | 3 |
| 15H41A0217 | R13210 | ENGG. MECHANICS | 27 | 9 | 0 |
| 15H41A0217 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 33 | 3 |
| 15H41A0217 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0217 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 42 | 2 |
| 15H41A0217 | R13218 | C PROGRAMMING LAB | 24 | 47 | 2 |
| 15H41A0218 | R13201 | ENGLISH-II | 25 | 35 | 3 |
| 15H41A0218 | R13202 | MATHEMATICS-III | 26 | 37 | 3 |
| 15H41A0218 | R13204 | ENGG. CHEMISTRY | 23 | 29 | 3 |
| 15H41A0218 | R13205 | C PROGRAMMING | 19 | 24 | 3 |
| 15H41A0218 | R13210 | ENGG. MECHANICS | 22 | 24 | 3 |
| 15H41A0218 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 15 | 0 |
| 15H41A0218 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0218 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 45 | 2 |
| 15H41A0218 | R13218 | C PROGRAMMING LAB | 25 | 48 | 2 |
| 15H41A0219 | R13201 | ENGLISH-II | 28 | 47 | 3 |
| 15H41A0219 | R13202 | MATHEMATICS-III | 30 | 61 | 3 |
| 15H41A0219 | R13204 | ENGG. CHEMISTRY | 24 | 58 | 3 |
| 15H41A0219 | R13205 | C PROGRAMMING | 28 | 40 | 3 |
| 15H41A0219 | R13210 | ENGG. MECHANICS | 29 | 35 | 3 |
| 15H41A0219 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 29 | 36 | 3 |
| 15H41A0219 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 46 | 2 |
| 15H41A0219 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0219 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0220 | R13201 | ENGLISH-II | 14 | 8 | 0 |
| 15H41A0220 | R13202 | MATHEMATICS-III | 6 | 2 | 0 |
| 15H41A0220 | R13204 | ENGG. CHEMISTRY | 14 | 2 | 0 |
| 15H41A0220 | R13205 | C PROGRAMMING | 9 | 14 | 0 |
| 15H41A0220 | R13210 | ENGG. MECHANICS | 13 | 0 | 0 |
| 15H41A0220 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 14 | 2 | 0 |
| 15H41A0220 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 40 | 2 |
| 15H41A0220 | R13217 | ENGINEERING CHEMISTRY LAB | 19 | 35 | 2 |
| 15H41A0220 | R13218 | C PROGRAMMING LAB | 22 | 39 | 2 |
| 15H41A0221 | R13201 | ENGLISH-II | 22 | 30 | 3 |
| 15H41A0221 | R13202 | MATHEMATICS-III | 27 | 53 | 3 |
| 15H41A0221 | R13204 | ENGG. CHEMISTRY | 24 | 27 | 3 |
| 15H41A0221 | R13205 | C PROGRAMMING | 27 | 27 | 3 |
| 15H41A0221 | R13210 | ENGG. MECHANICS | 24 | 12 | 0 |
| 15H41A0221 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 29 | 31 | 3 |
| 15H41A0221 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 43 | 2 |
| 15H41A0221 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 45 | 2 |
| 15H41A0221 | R13218 | C PROGRAMMING LAB | 25 | 46 | 2 |
| 15H41A0222 | R13201 | ENGLISH-II | 21 | 30 | 3 |
| 15H41A0222 | R13202 | MATHEMATICS-III | 13 | 0 | 0 |
| 15H41A0222 | R13204 | ENGG. CHEMISTRY | 18 | 0 | 0 |
| 15H41A0222 | R13205 | C PROGRAMMING | 18 | 26 | 3 |
| 15H41A0222 | R13210 | ENGG. MECHANICS | 22 | 4 | 0 |
| 15H41A0222 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 17 | 3 | 0 |
| 15H41A0222 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 40 | 2 |
| 15H41A0222 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 40 | 2 |
| 15H41A0222 | R13218 | C PROGRAMMING LAB | 22 | 47 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0223 | R13201 | ENGLISH-II | 22 | 30 | 3 |
| 15H41A0223 | R13202 | MATHEMATICS-III | 18 | 24 | 3 |
| 15H41A0223 | R13204 | ENGG. CHEMISTRY | 25 | 11 | 0 |
| 15H41A0223 | R13205 | C PROGRAMMING | 21 | 6 | 0 |
| 15H41A0223 | R13210 | ENGG. MECHANICS | 29 | 3 | 0 |
| 15H41A0223 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 23 | 0 | 0 |
| 15H41A0223 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 36 | 2 |
| 15H41A0223 | R13217 | ENGINEERING CHEMISTRY LAB | 21 | 40 | 2 |
| 15H41A0223 | R13218 | C PROGRAMMING LAB | 21 | 42 | 2 |
| 15H41A0224 | R13201 | ENGLISH-II | 23 | 36 | 3 |
| 15H41A0224 | R13202 | MATHEMATICS-III | 22 | 26 | 3 |
| 15H41A0224 | R13204 | ENGG. CHEMISTRY | 23 | 26 | 3 |
| 15H41A0224 | R13205 | C PROGRAMMING | 21 | 28 | 3 |
| 15H41A0224 | R13210 | ENGG. MECHANICS | 26 | 7 | 0 |
| 15H41A0224 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 21 | 2 | 0 |
| 15H41A0224 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 46 | 2 |
| 15H41A0224 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 45 | 2 |
| 15H41A0224 | R13218 | C PROGRAMMING LAB | 23 | 39 | 2 |
| 15H41A0225 | R13201 | ENGLISH-II | 26 | 42 | 3 |
| 15H41A0225 | R13202 | MATHEMATICS-III | 25 | 58 | 3 |
| 15H41A0225 | R13204 | ENGG. CHEMISTRY | 29 | 45 | 3 |
| 15H41A0225 | R13205 | C PROGRAMMING | 29 | 26 | 3 |
| 15H41A0225 | R13210 | ENGG. MECHANICS | 29 | 30 | 3 |
| 15H41A0225 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 38 | 3 |
| 15H41A0225 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 39 | 2 |
| 15H41A0225 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 40 | 2 |
| 15H41A0225 | R13218 | C PROGRAMMING LAB | 25 | 47 | 2 |
| 15H41A0226 | R13201 | ENGLISH-II | 15 | 35 | 3 |
| 15H41A0226 | R13202 | MATHEMATICS-III | 12 | 12 | 0 |
| 15H41A0226 | R13204 | ENGG. CHEMISTRY | 16 | 3 | 0 |
| 15H41A0226 | R13205 | C PROGRAMMING | 15 | 12 | 0 |
| 15H41A0226 | R13210 | ENGG. MECHANICS | 21 | 9 | 0 |
| 15H41A0226 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 17 | 8 | 0 |
| 15H41A0226 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 40 | 2 |
| 15H41A0226 | R13217 | ENGINEERING CHEMISTRY LAB | 18 | 35 | 2 |
| 15H41A0226 | R13218 | C PROGRAMMING LAB | 19 | 36 | 2 |
| 15H41A0227 | R13201 | ENGLISH-II | 24 | 35 | 3 |
| 15H41A0227 | R13202 | MATHEMATICS-III | 18 | 24 | 3 |
| 15H41A0227 | R13204 | ENGG. CHEMISTRY | 23 | 15 | 0 |
| 15H41A0227 | R13205 | C PROGRAMMING | 26 | 29 | 3 |
| 15H41A0227 | R13210 | ENGG. MECHANICS | 27 | 24 | 3 |
| 15H41A0227 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 26 | 24 | 3 |
| 15H41A0227 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 41 | 2 |
| 15H41A0227 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 48 | 2 |
| 15H41A0227 | R13218 | C PROGRAMMING LAB | 22 | 38 | 2 |
| 15H41A0228 | R13201 | ENGLISH-II | 24 | 31 | 3 |
| 15H41A0228 | R13202 | MATHEMATICS-III | 24 | 36 | 3 |
| 15H41A0228 | R13204 | ENGG. CHEMISTRY | 24 | 8 | 0 |
| 15H41A0228 | R13205 | C PROGRAMMING | 20 | 44 | 3 |
| 15H41A0228 | R13210 | ENGG. MECHANICS | 27 | 9 | 0 |
| 15H41A0228 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 32 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0228 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0228 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0228 | R13218 | C PROGRAMMING LAB | 25 | 40 | 2 |
| 15H41A0229 | R13201 | ENGLISH-II | 27 | 44 | 3 |
| 15H41A0229 | R13202 | MATHEMATICS-III | 24 | 59 | 3 |
| 15H41A0229 | R13204 | ENGG. CHEMISTRY | 28 | 51 | 3 |
| 15H41A0229 | R13205 | C PROGRAMMING | 28 | 32 | 3 |
| 15H41A0229 | R13210 | ENGG. MECHANICS | 29 | 33 | 3 |
| 15H41A0229 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 38 | 3 |
| 15H41A0229 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0229 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 45 | 2 |
| 15H41A0229 | R13218 | C PROGRAMMING LAB | 25 | 48 | 2 |
| 15H41A0230 | R13201 | ENGLISH-II | 24 | 24 | 3 |
| 15H41A0230 | R13202 | MATHEMATICS-III | 20 | 24 | 3 |
| 15H41A0230 | R13204 | ENGG. CHEMISTRY | 21 | 24 | 3 |
| 15H41A0230 | R13205 | C PROGRAMMING | 27 | 18 | 0 |
| 15H41A0230 | R13210 | ENGG. MECHANICS | 21 | 8 | 0 |
| 15H41A0230 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 20 | 10 | 0 |
| 15H41A0230 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 40 | 2 |
| 15H41A0230 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0230 | R13218 | C PROGRAMMING LAB | 22 | 40 | 2 |
| 15H41A0231 | R13201 | ENGLISH-II | 24 | 38 | 3 |
| 15H41A0231 | R13202 | MATHEMATICS-III | 22 | 24 | 3 |
| 15H41A0231 | R13204 | ENGG. CHEMISTRY | 20 | 31 | 3 |
| 15H41A0231 | R13205 | C PROGRAMMING | 26 | 33 | 3 |
| 15H41A0231 | R13210 | ENGG. MECHANICS | 20 | 27 | 3 |
| 15H41A0231 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 23 | 35 | 3 |
| 15H41A0231 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 45 | 2 |
| 15H41A0231 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 45 | 2 |
| 15H41A0231 | R13218 | C PROGRAMMING LAB | 23 | 42 | 2 |
| 15H41A0232 | R13201 | ENGLISH-II | 14 | 26 | 3 |
| 15H41A0232 | R13202 | MATHEMATICS-III | 15 | 0 | 0 |
| 15H41A0232 | R13204 | ENGG. CHEMISTRY | 18 | 2 | 0 |
| 15H41A0232 | R13205 | C PROGRAMMING | 19 | 4 | 0 |
| 15H41A0232 | R13210 | ENGG. MECHANICS | 13 | 0 | 0 |
| 15H41A0232 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 19 | 0 | 0 |
| 15H41A0232 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 37 | 2 |
| 15H41A0232 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | 35 | 2 |
| 15H41A0232 | R13218 | C PROGRAMMING LAB | 23 | 39 | 2 |
| 15H41A0233 | R13201 | ENGLISH-II | 16 | 34 | 3 |
| 15H41A0233 | R13202 | MATHEMATICS-III | 10 | 12 | 0 |
| 15H41A0233 | R13204 | ENGG. CHEMISTRY | 18 | 12 | 0 |
| 15H41A0233 | R13205 | C PROGRAMMING | 22 | 12 | 0 |
| 15H41A0233 | R13210 | ENGG. MECHANICS | 18 | 6 | 0 |
| 15H41A0233 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 23 | 36 | 3 |
| 15H41A0233 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 40 | 2 |
| 15H41A0233 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 40 | 2 |
| 15H41A0233 | R13218 | C PROGRAMMING LAB | 20 | 40 | 2 |
| 15H41A0234 | R13201 | ENGLISH-II | 26 | 41 | 3 |
| 15H41A0234 | R13202 | MATHEMATICS-III | 30 | 48 | 3 |
| 15H41A0234 | R13204 | ENGG. CHEMISTRY | 29 | 38 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0234 | R13205 | C PROGRAMMING | 29 | 25 | 3 |
| 15H41A0234 | R13210 | ENGG. MECHANICS | 27 | 31 | 3 |
| 15H41A0234 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 30 | 3 |
| 15H41A0234 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0234 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 40 | 2 |
| 15H41A0234 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0235 | R13201 | ENGLISH-II | 21 | -1 | 0 |
| 15H41A0235 | R13202 | MATHEMATICS-III | 15 | -1 | 0 |
| 15H41A0235 | R13204 | ENGG. CHEMISTRY | 22 | -1 | 0 |
| 15H41A0235 | R13205 | C PROGRAMMING | 14 | -1 | 0 |
| 15H41A0235 | R13210 | ENGG. MECHANICS | 19 | -1 | 0 |
| 15H41A0235 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 5 | -1 | 0 |
| 15H41A0235 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 12 | -1 | 0 |
| 15H41A0235 | R13217 | ENGINEERING CHEMISTRY LAB | 12 | -1 | 0 |
| 15H41A0235 | R13218 | C PROGRAMMING LAB | 12 | -1 | 0 |
| 15H41A0236 | R13201 | ENGLISH-II | 22 | 28 | 3 |
| 15H41A0236 | R13202 | MATHEMATICS-III | 29 | 26 | 3 |
| 15H41A0236 | R13204 | ENGG. CHEMISTRY | 21 | 12 | 0 |
| 15H41A0236 | R13205 | C PROGRAMMING | 24 | 29 | 3 |
| 15H41A0236 | R13210 | ENGG. MECHANICS | 20 | 13 | 0 |
| 15H41A0236 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 26 | 24 | 3 |
| 15H41A0236 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0236 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 45 | 2 |
| 15H41A0236 | R13218 | C PROGRAMMING LAB | 23 | 42 | 2 |
| 15H41A0237 | R13201 | ENGLISH-II | 18 | 18 | 0 |
| 15H41A0237 | R13202 | MATHEMATICS-III | 22 | 11 | 0 |
| 15H41A0237 | R13204 | ENGG. CHEMISTRY | 19 | 14 | 0 |
| 15H41A0237 | R13205 | C PROGRAMMING | 18 | 14 | 0 |
| 15H41A0237 | R13210 | ENGG. MECHANICS | 19 | 2 | 0 |
| 15H41A0237 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 18 | 13 | 0 |
| 15H41A0237 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 44 | 2 |
| 15H41A0237 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 45 | 2 |
| 15H41A0237 | R13218 | C PROGRAMMING LAB | 21 | 39 | 2 |
| 15H41A0238 | R13201 | ENGLISH-II | 28 | 34 | 3 |
| 15H41A0238 | R13202 | MATHEMATICS-III | 30 | 55 | 3 |
| 15H41A0238 | R13204 | ENGG. CHEMISTRY | 26 | 43 | 3 |
| 15H41A0238 | R13205 | C PROGRAMMING | 30 | 26 | 3 |
| 15H41A0238 | R13210 | ENGG. MECHANICS | 30 | 29 | 3 |
| 15H41A0238 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 29 | 35 | 3 |
| 15H41A0238 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0238 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 46 | 2 |
| 15H41A0238 | R13218 | C PROGRAMMING LAB | 25 | 49 | 2 |
| 15H41A0239 | R13201 | ENGLISH-II | 18 | 25 | 3 |
| 15H41A0239 | R13202 | MATHEMATICS-III | 18 | 4 | 0 |
| 15H41A0239 | R13204 | ENGG. CHEMISTRY | 15 | 3 | 0 |
| 15H41A0239 | R13205 | C PROGRAMMING | 9 | 8 | 0 |
| 15H41A0239 | R13210 | ENGG. MECHANICS | 15 | 0 | 0 |
| 15H41A0239 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 17 | 2 | 0 |
| 15H41A0239 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 38 | 2 |
| 15H41A0239 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | 39 | 2 |
| 15H41A0239 | R13218 | C PROGRAMMING LAB | 20 | 35 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0240 | R13201 | ENGLISH-II | 30 | 44 | 3 |
| 15H41A0240 | R13202 | MATHEMATICS-III | 30 | 62 | 3 |
| 15H41A0240 | R13204 | ENGG. CHEMISTRY | 29 | 49 | 3 |
| 15H41A0240 | R13205 | C PROGRAMMING | 28 | 67 | 3 |
| 15H41A0240 | R13210 | ENGG. MECHANICS | 30 | 41 | 3 |
| 15H41A0240 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 30 | 28 | 3 |
| 15H41A0240 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0240 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0240 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0241 | R13201 | ENGLISH-II | 25 | 33 | 3 |
| 15H41A0241 | R13202 | MATHEMATICS-III | 27 | 53 | 3 |
| 15H41A0241 | R13204 | ENGG. CHEMISTRY | 26 | 24 | 3 |
| 15H41A0241 | R13205 | C PROGRAMMING | 24 | 24 | 3 |
| 15H41A0241 | R13210 | ENGG. MECHANICS | 30 | 15 | 0 |
| 15H41A0241 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 37 | 3 |
| 15H41A0241 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0241 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 42 | 2 |
| 15H41A0241 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0242 | R13201 | ENGLISH-II | 21 | 37 | 3 |
| 15H41A0242 | R13202 | MATHEMATICS-III | 17 | 25 | 3 |
| 15H41A0242 | R13204 | ENGG. CHEMISTRY | 22 | 32 | 3 |
| 15H41A0242 | R13205 | C PROGRAMMING | 19 | 27 | 3 |
| 15H41A0242 | R13210 | ENGG. MECHANICS | 18 | 24 | 3 |
| 15H41A0242 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 23 | 29 | 3 |
| 15H41A0242 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 38 | 2 |
| 15H41A0242 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 47 | 2 |
| 15H41A0242 | R13218 | C PROGRAMMING LAB | 20 | 46 | 2 |
| 15H41A0243 | R13201 | ENGLISH-II | 27 | 42 | 3 |
| 15H41A0243 | R13202 | MATHEMATICS-III | 30 | 53 | 3 |
| 15H41A0243 | R13204 | ENGG. CHEMISTRY | 28 | 44 | 3 |
| 15H41A0243 | R13205 | C PROGRAMMING | 29 | 30 | 3 |
| 15H41A0243 | R13210 | ENGG. MECHANICS | 27 | 32 | 3 |
| 15H41A0243 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 35 | 3 |
| 15H41A0243 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0243 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0243 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0244 | R13201 | ENGLISH-II | 22 | 26 | 3 |
| 15H41A0244 | R13202 | MATHEMATICS-III | 24 | 12 | 0 |
| 15H41A0244 | R13204 | ENGG. CHEMISTRY | 18 | 4 | 0 |
| 15H41A0244 | R13205 | C PROGRAMMING | 16 | 18 | 0 |
| 15H41A0244 | R13210 | ENGG. MECHANICS | 20 | 11 | 0 |
| 15H41A0244 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 24 | 0 | 0 |
| 15H41A0244 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 42 | 2 |
| 15H41A0244 | R13217 | ENGINEERING CHEMISTRY LAB | 18 | 40 | 2 |
| 15H41A0244 | R13218 | C PROGRAMMING LAB | 22 | 46 | 2 |
| 15H41A0245 | R13201 | ENGLISH-II | 22 | 25 | 3 |
| 15H41A0245 | R13202 | MATHEMATICS-III | 25 | 12 | 0 |
| 15H41A0245 | R13204 | ENGG. CHEMISTRY | 18 | 11 | 0 |
| 15H41A0245 | R13205 | C PROGRAMMING | 23 | 18 | 0 |
| 15H41A0245 | R13210 | ENGG. MECHANICS | 20 | 11 | 0 |
| 15H41A0245 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 23 | 24 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0245 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 46 | 2 |
| 15H41A0245 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 49 | 2 |
| 15H41A0245 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0246 | R13201 | ENGLISH-II | 24 | 41 | 3 |
| 15H41A0246 | R13202 | MATHEMATICS-III | 28 | 53 | 3 |
| 15H41A0246 | R13204 | ENGG. CHEMISTRY | 22 | 42 | 3 |
| 15H41A0246 | R13205 | C PROGRAMMING | 27 | 30 | 3 |
| 15H41A0246 | R13210 | ENGG. MECHANICS | 30 | 49 | 3 |
| 15H41A0246 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 26 | 29 | 3 |
| 15H41A0246 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0246 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 48 | 2 |
| 15H41A0246 | R13218 | C PROGRAMMING LAB | 23 | 48 | 2 |
| 15H41A0247 | R13201 | ENGLISH-II | 23 | 33 | 3 |
| 15H41A0247 | R13202 | MATHEMATICS-III | 20 | 10 | 0 |
| 15H41A0247 | R13204 | ENGG. CHEMISTRY | 17 | 2 | 0 |
| 15H41A0247 | R13205 | C PROGRAMMING | 20 | 14 | 0 |
| 15H41A0247 | R13210 | ENGG. MECHANICS | 15 | 2 | 0 |
| 15H41A0247 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 24 | 24 | 3 |
| 15H41A0247 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0247 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | 47 | 2 |
| 15H41A0247 | R13218 | C PROGRAMMING LAB | 23 | 48 | 2 |
| 15H41A0248 | R13201 | ENGLISH-II | 23 | 17 | 0 |
| 15H41A0248 | R13202 | MATHEMATICS-III | 24 | 24 | 3 |
| 15H41A0248 | R13204 | ENGG. CHEMISTRY | 19 | 24 | 3 |
| 15H41A0248 | R13205 | C PROGRAMMING | 17 | 24 | 3 |
| 15H41A0248 | R13210 | ENGG. MECHANICS | 20 | 24 | 3 |
| 15H41A0248 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 22 | 9 | 0 |
| 15H41A0248 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A0248 | R13217 | ENGINEERING CHEMISTRY LAB | 18 | 40 | 2 |
| 15H41A0248 | R13218 | C PROGRAMMING LAB | 21 | 44 | 2 |
| 15H41A0249 | R13201 | ENGLISH-II | 25 | 53 | 3 |
| 15H41A0249 | R13202 | MATHEMATICS-III | 27 | 41 | 3 |
| 15H41A0249 | R13204 | ENGG. CHEMISTRY | 21 | 26 | 3 |
| 15H41A0249 | R13205 | C PROGRAMMING | 27 | 38 | 3 |
| 15H41A0249 | R13210 | ENGG. MECHANICS | 26 | 30 | 3 |
| 15H41A0249 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 23 | 40 | 3 |
| 15H41A0249 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0249 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | 47 | 2 |
| 15H41A0249 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0250 | R13201 | ENGLISH-II | 24 | 27 | 3 |
| 15H41A0250 | R13202 | MATHEMATICS-III | 23 | 29 | 3 |
| 15H41A0250 | R13204 | ENGG. CHEMISTRY | 17 | 24 | 3 |
| 15H41A0250 | R13205 | C PROGRAMMING | 18 | 24 | 3 |
| 15H41A0250 | R13210 | ENGG. MECHANICS | 16 | 24 | 3 |
| 15H41A0250 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 22 | 13 | 0 |
| 15H41A0250 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0250 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 48 | 2 |
| 15H41A0250 | R13218 | C PROGRAMMING LAB | 23 | 47 | 2 |
| 15H41A0251 | R13201 | ENGLISH-II | 24 | 52 | 3 |
| 15H41A0251 | R13202 | MATHEMATICS-III | 21 | 24 | 3 |
| 15H41A0251 | R13204 | ENGG. CHEMISTRY | 19 | 27 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0251 | R13205 | C PROGRAMMING | 22 | 32 | 3 |
| 15H41A0251 | R13210 | ENGG. MECHANICS | 18 | 24 | 3 |
| 15H41A0251 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 25 | 26 | 3 |
| 15H41A0251 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0251 | R13217 | ENGINEERING CHEMISTRY LAB | 21 | 49 | 2 |
| 15H41A0251 | R13218 | C PROGRAMMING LAB | 23 | 45 | 2 |
| 15H41A0252 | R13201 | ENGLISH-II | 23 | 31 | 3 |
| 15H41A0252 | R13202 | MATHEMATICS-III | 17 | 13 | 0 |
| 15H41A0252 | R13204 | ENGG. CHEMISTRY | 24 | 25 | 3 |
| 15H41A0252 | R13205 | C PROGRAMMING | 25 | 49 | 3 |
| 15H41A0252 | R13210 | ENGG. MECHANICS | 20 | 24 | 3 |
| 15H41A0252 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 22 | 3 | 0 |
| 15H41A0252 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0252 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 44 | 2 |
| 15H41A0252 | R13218 | C PROGRAMMING LAB | 24 | 47 | 2 |
| 15H41A0253 | R13201 | ENGLISH-II | 23 | 36 | 3 |
| 15H41A0253 | R13202 | MATHEMATICS-III | 16 | 30 | 3 |
| 15H41A0253 | R13204 | ENGG. CHEMISTRY | 16 | 12 | 0 |
| 15H41A0253 | R13205 | C PROGRAMMING | 18 | 25 | 3 |
| 15H41A0253 | R13210 | ENGG. MECHANICS | 17 | 24 | 3 |
| 15H41A0253 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 23 | 38 | 3 |
| 15H41A0253 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0253 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 49 | 2 |
| 15H41A0253 | R13218 | C PROGRAMMING LAB | 22 | 44 | 2 |
| 15H41A0254 | R13201 | ENGLISH-II | 28 | 25 | 3 |
| 15H41A0254 | R13202 | MATHEMATICS-III | 27 | 49 | 3 |
| 15H41A0254 | R13204 | ENGG. CHEMISTRY | 27 | 29 | 3 |
| 15H41A0254 | R13205 | C PROGRAMMING | 23 | 32 | 3 |
| 15H41A0254 | R13210 | ENGG. MECHANICS | 30 | 39 | 3 |
| 15H41A0254 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 29 | 24 | 3 |
| 15H41A0254 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0254 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 50 | 2 |
| 15H41A0254 | R13218 | C PROGRAMMING LAB | 24 | 48 | 2 |
| 15H41A0255 | R13201 | ENGLISH-II | 21 | 34 | 3 |
| 15H41A0255 | R13202 | MATHEMATICS-III | 23 | 41 | 3 |
| 15H41A0255 | R13204 | ENGG. CHEMISTRY | 22 | 9 | 0 |
| 15H41A0255 | R13205 | C PROGRAMMING | 7 | 33 | 3 |
| 15H41A0255 | R13210 | ENGG. MECHANICS | 24 | 8 | 0 |
| 15H41A0255 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 23 | 0 | 0 |
| 15H41A0255 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 42 | 2 |
| 15H41A0255 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 49 | 2 |
| 15H41A0255 | R13218 | C PROGRAMMING LAB | 24 | 48 | 2 |
| 15H41A0256 | R13201 | ENGLISH-II | 20 | 26 | 3 |
| 15H41A0256 | R13202 | MATHEMATICS-III | 16 | 8 | 0 |
| 15H41A0256 | R13204 | ENGG. CHEMISTRY | 16 | 8 | 0 |
| 15H41A0256 | R13205 | C PROGRAMMING | 14 | 31 | 3 |
| 15H41A0256 | R13210 | ENGG. MECHANICS | 16 | 1 | 0 |
| 15H41A0256 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 21 | 0 | 0 |
| 15H41A0256 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 44 | 2 |
| 15H41A0256 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 40 | 2 |
| 15H41A0256 | R13218 | C PROGRAMMING LAB | 22 | 44 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0257 | R13201 | ENGLISH-II | 20 | 26 | 3 |
| 15H41A0257 | R13202 | MATHEMATICS-III | 23 | 18 | 0 |
| 15H41A0257 | R13204 | ENGG. CHEMISTRY | 20 | 10 | 0 |
| 15H41A0257 | R13205 | C PROGRAMMING | 16 | 13 | 0 |
| 15H41A0257 | R13210 | ENGG. MECHANICS | 16 | 3 | 0 |
| 15H41A0257 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 19 | 0 | 0 |
| 15H41A0257 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 44 | 2 |
| 15H41A0257 | R13217 | ENGINEERING CHEMISTRY LAB | 21 | 45 | 2 |
| 15H41A0257 | R13218 | C PROGRAMMING LAB | 24 | 48 | 2 |
| 15H41A0258 | R13201 | ENGLISH-II | 22 | 37 | 3 |
| 15H41A0258 | R13202 | MATHEMATICS-III | 18 | 25 | 3 |
| 15H41A0258 | R13204 | ENGG. CHEMISTRY | 20 | 9 | 0 |
| 15H41A0258 | R13205 | C PROGRAMMING | 23 | 32 | 3 |
| 15H41A0258 | R13210 | ENGG. MECHANICS | 22 | 24 | 3 |
| 15H41A0258 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 18 | 30 | 3 |
| 15H41A0258 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0258 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | 45 | 2 |
| 15H41A0258 | R13218 | C PROGRAMMING LAB | 23 | 46 | 2 |
| 15H41A0259 | R13201 | ENGLISH-II | 21 | 15 | 0 |
| 15H41A0259 | R13202 | MATHEMATICS-III | 21 | 3 | 0 |
| 15H41A0259 | R13204 | ENGG. CHEMISTRY | 19 | 19 | 0 |
| 15H41A0259 | R13205 | C PROGRAMMING | 22 | 13 | 0 |
| 15H41A0259 | R13210 | ENGG. MECHANICS | 16 | 3 | 0 |
| 15H41A0259 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 17 | 0 | 0 |
| 15H41A0259 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0259 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 48 | 2 |
| 15H41A0259 | R13218 | C PROGRAMMING LAB | 23 | 45 | 2 |
| 15H41A0260 | R13201 | ENGLISH-II | 29 | 32 | 3 |
| 15H41A0260 | R13202 | MATHEMATICS-III | 28 | 51 | 3 |
| 15H41A0260 | R13204 | ENGG. CHEMISTRY | 25 | 26 | 3 |
| 15H41A0260 | R13205 | C PROGRAMMING | 24 | 50 | 3 |
| 15H41A0260 | R13210 | ENGG. MECHANICS | 19 | 28 | 3 |
| 15H41A0260 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 27 | 7 | 0 |
| 15H41A0260 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0260 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 50 | 2 |
| 15H41A0260 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0261 | R13201 | ENGLISH-II | 16 | 11 | 0 |
| 15H41A0261 | R13202 | MATHEMATICS-III | 3 | -1 | 0 |
| 15H41A0261 | R13204 | ENGG. CHEMISTRY | 16 | 0 | 0 |
| 15H41A0261 | R13205 | C PROGRAMMING | 6 | -1 | 0 |
| 15H41A0261 | R13210 | ENGG. MECHANICS | 10 | -1 | 0 |
| 15H41A0261 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 12 | -1 | 0 |
| 15H41A0261 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | -1 | 0 |
| 15H41A0261 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | -1 | 0 |
| 15H41A0261 | R13218 | C PROGRAMMING LAB | 21 | -1 | 0 |
| 15H41A0262 | R13201 | ENGLISH-II | 25 | 41 | 3 |
| 15H41A0262 | R13202 | MATHEMATICS-III | 27 | 46 | 3 |
| 15H41A0262 | R13204 | ENGG. CHEMISTRY | 20 | 12 | 0 |
| 15H41A0262 | R13205 | C PROGRAMMING | 25 | 25 | 3 |
| 15H41A0262 | R13210 | ENGG. MECHANICS | 23 | 35 | 3 |
| 15H41A0262 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 24 | 29 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0262 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0262 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 50 | 2 |
| 15H41A0262 | R13218 | C PROGRAMMING LAB | 23 | 47 | 2 |
| 15H41A0263 | R13201 | ENGLISH-II | 24 | 36 | 3 |
| 15H41A0263 | R13202 | MATHEMATICS-III | 24 | 47 | 3 |
| 15H41A0263 | R13204 | ENGG. CHEMISTRY | 21 | 24 | 3 |
| 15H41A0263 | R13205 | C PROGRAMMING | 23 | 30 | 3 |
| 15H41A0263 | R13210 | ENGG. MECHANICS | 21 | 12 | 0 |
| 15H41A0263 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 22 | 4 | 0 |
| 15H41A0263 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A0263 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | 40 | 2 |
| 15H41A0263 | R13218 | C PROGRAMMING LAB | 23 | 47 | 2 |
| 15H41A0264 | R13201 | ENGLISH-II | 23 | 31 | 3 |
| 15H41A0264 | R13202 | MATHEMATICS-III | 18 | 38 | 3 |
| 15H41A0264 | R13204 | ENGG. CHEMISTRY | 16 | 11 | 0 |
| 15H41A0264 | R13205 | C PROGRAMMING | 22 | 42 | 3 |
| 15H41A0264 | R13210 | ENGG. MECHANICS | 23 | 34 | 3 |
| 15H41A0264 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 25 | 32 | 3 |
| 15H41A0264 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 41 | 2 |
| 15H41A0264 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 40 | 2 |
| 15H41A0264 | R13218 | C PROGRAMMING LAB | 20 | 42 | 2 |
| 15H41A0265 | R13201 | ENGLISH-II | 21 | 25 | 3 |
| 15H41A0265 | R13202 | MATHEMATICS-III | 18 | 27 | 3 |
| 15H41A0265 | R13204 | ENGG. CHEMISTRY | 17 | 12 | 0 |
| 15H41A0265 | R13205 | C PROGRAMMING | 18 | 14 | 0 |
| 15H41A0265 | R13210 | ENGG. MECHANICS | 17 | 24 | 3 |
| 15H41A0265 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 19 | 0 | 0 |
| 15H41A0265 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 45 | 2 |
| 15H41A0265 | R13217 | ENGINEERING CHEMISTRY LAB | 18 | 48 | 2 |
| 15H41A0265 | R13218 | C PROGRAMMING LAB | 21 | 43 | 2 |
| 15H41A0266 | R13201 | ENGLISH-II | 17 | 25 | 3 |
| 15H41A0266 | R13202 | MATHEMATICS-III | 16 | 19 | 0 |
| 15H41A0266 | R13204 | ENGG. CHEMISTRY | 17 | 0 | 0 |
| 15H41A0266 | R13205 | C PROGRAMMING | 10 | 14 | 0 |
| 15H41A0266 | R13210 | ENGG. MECHANICS | 16 | 0 | 0 |
| 15H41A0266 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 16 | 3 | 0 |
| 15H41A0266 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 40 | 2 |
| 15H41A0266 | R13217 | ENGINEERING CHEMISTRY LAB | 18 | 40 | 2 |
| 15H41A0266 | R13218 | C PROGRAMMING LAB | 22 | 44 | 2 |
| 15H41A0267 | R13201 | ENGLISH-II | 21 | 27 | 3 |
| 15H41A0267 | R13202 | MATHEMATICS-III | 16 | 8 | 0 |
| 15H41A0267 | R13204 | ENGG. CHEMISTRY | 17 | 13 | 0 |
| 15H41A0267 | R13205 | C PROGRAMMING | 19 | 6 | 0 |
| 15H41A0267 | R13210 | ENGG. MECHANICS | 18 | 0 | 0 |
| 15H41A0267 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 22 | 0 | 0 |
| 15H41A0267 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 34 | 2 |
| 15H41A0267 | R13217 | ENGINEERING CHEMISTRY LAB | 21 | 48 | 2 |
| 15H41A0267 | R13218 | C PROGRAMMING LAB | 21 | 43 | 2 |
| 15H41A0268 | R13201 | ENGLISH-II | 22 | 32 | 3 |
| 15H41A0268 | R13202 | MATHEMATICS-III | 16 | 11 | 0 |
| 15H41A0268 | R13204 | ENGG. CHEMISTRY | 19 | 10 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0268 | R13205 | C PROGRAMMING | 20 | 41 | 3 |
| 15H41A0268 | R13210 | ENGG. MECHANICS | 15 | 11 | 0 |
| 15H41A0268 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 20 | 24 | 3 |
| 15H41A0268 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 41 | 2 |
| 15H41A0268 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 40 | 2 |
| 15H41A0268 | R13218 | C PROGRAMMING LAB | 23 | 35 | 2 |
| 15H41A0269 | R13201 | ENGLISH-II | 23 | 39 | 3 |
| 15H41A0269 | R13202 | MATHEMATICS-III | 16 | 2 | 0 |
| 15H41A0269 | R13204 | ENGG. CHEMISTRY | 21 | 24 | 3 |
| 15H41A0269 | R13205 | C PROGRAMMING | 18 | 10 | 0 |
| 15H41A0269 | R13210 | ENGG. MECHANICS | 16 | 6 | 0 |
| 15H41A0269 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 19 | 0 | 0 |
| 15H41A0269 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A0269 | R13217 | ENGINEERING CHEMISTRY LAB | 17 | 45 | 2 |
| 15H41A0269 | R13218 | C PROGRAMMING LAB | 21 | 40 | 2 |
| 15H41A0270 | R13201 | ENGLISH-II | 25 | 37 | 3 |
| 15H41A0270 | R13202 | MATHEMATICS-III | 25 | 31 | 3 |
| 15H41A0270 | R13204 | ENGG. CHEMISTRY | 24 | 32 | 3 |
| 15H41A0270 | R13205 | C PROGRAMMING | 24 | 36 | 3 |
| 15H41A0270 | R13210 | ENGG. MECHANICS | 24 | 34 | 3 |
| 15H41A0270 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 22 | 30 | 3 |
| 15H41A0270 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0270 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 48 | 2 |
| 15H41A0270 | R13218 | C PROGRAMMING LAB | 21 | 46 | 2 |
| 15H41A0271 | R13201 | ENGLISH-II | 23 | 33 | 3 |
| 15H41A0271 | R13202 | MATHEMATICS-III | 21 | 28 | 3 |
| 15H41A0271 | R13204 | ENGG. CHEMISTRY | 21 | 24 | 3 |
| 15H41A0271 | R13205 | C PROGRAMMING | 25 | 34 | 3 |
| 15H41A0271 | R13210 | ENGG. MECHANICS | 20 | 24 | 3 |
| 15H41A0271 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 11 | 0 |
| 15H41A0271 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 38 | 2 |
| 15H41A0271 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 47 | 2 |
| 15H41A0271 | R13218 | C PROGRAMMING LAB | 23 | 47 | 2 |
| 15H41A0272 | R13201 | ENGLISH-II | 21 | 12 | 0 |
| 15H41A0272 | R13202 | MATHEMATICS-III | 16 | 11 | 0 |
| 15H41A0272 | R13204 | ENGG. CHEMISTRY | 16 | 3 | 0 |
| 15H41A0272 | R13205 | C PROGRAMMING | 19 | 4 | 0 |
| 15H41A0272 | R13210 | ENGG. MECHANICS | 21 | 1 | 0 |
| 15H41A0272 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 18 | 0 | 0 |
| 15H41A0272 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0272 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 42 | 2 |
| 15H41A0272 | R13218 | C PROGRAMMING LAB | 24 | 48 | 2 |
| 15H41A0273 | R13201 | ENGLISH-II | 24 | 32 | 3 |
| 15H41A0273 | R13202 | MATHEMATICS-III | 21 | 26 | 3 |
| 15H41A0273 | R13204 | ENGG. CHEMISTRY | 20 | 30 | 3 |
| 15H41A0273 | R13205 | C PROGRAMMING | 22 | 26 | 3 |
| 15H41A0273 | R13210 | ENGG. MECHANICS | 13 | 3 | 0 |
| 15H41A0273 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 5 | 0 |
| 15H41A0273 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0273 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 44 | 2 |
| 15H41A0273 | R13218 | C PROGRAMMING LAB | 25 | 48 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0275 | R13201 | ENGLISH-II | 25 | 31 | 3 |
| 15H41A0275 | R13202 | MATHEMATICS-III | 25 | 33 | 3 |
| 15H41A0275 | R13204 | ENGG. CHEMISTRY | 23 | 38 | 3 |
| 15H41A0275 | R13205 | C PROGRAMMING | 23 | 30 | 3 |
| 15H41A0275 | R13210 | ENGG. MECHANICS | 26 | 37 | 3 |
| 15H41A0275 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 22 | 30 | 3 |
| 15H41A0275 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0275 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0275 | R13218 | C PROGRAMMING LAB | 24 | 48 | 2 |
| 15H41A0276 | R13201 | ENGLISH-II | 25 | 42 | 3 |
| 15H41A0276 | R13202 | MATHEMATICS-III | 24 | 35 | 3 |
| 15H41A0276 | R13204 | ENGG. CHEMISTRY | 21 | 40 | 3 |
| 15H41A0276 | R13205 | C PROGRAMMING | 24 | 37 | 3 |
| 15H41A0276 | R13210 | ENGG. MECHANICS | 27 | 32 | 3 |
| 15H41A0276 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 26 | 44 | 3 |
| 15H41A0276 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0276 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 40 | 2 |
| 15H41A0276 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0277 | R13201 | ENGLISH-II | 25 | 30 | 3 |
| 15H41A0277 | R13202 | MATHEMATICS-III | 25 | 48 | 3 |
| 15H41A0277 | R13204 | ENGG. CHEMISTRY | 25 | 29 | 3 |
| 15H41A0277 | R13205 | C PROGRAMMING | 23 | 38 | 3 |
| 15H41A0277 | R13210 | ENGG. MECHANICS | 28 | 24 | 3 |
| 15H41A0277 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 26 | 8 | 0 |
| 15H41A0277 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 42 | 2 |
| 15H41A0277 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 48 | 2 |
| 15H41A0277 | R13218 | C PROGRAMMING LAB | 24 | 46 | 2 |
| 15H41A0278 | R13201 | ENGLISH-II | 18 | 16 | 0 |
| 15H41A0278 | R13202 | MATHEMATICS-III | 24 | 15 | 0 |
| 15H41A0278 | R13204 | ENGG. CHEMISTRY | 18 | 0 | 0 |
| 15H41A0278 | R13205 | C PROGRAMMING | 18 | 7 | 0 |
| 15H41A0278 | R13210 | ENGG. MECHANICS | 21 | 1 | 0 |
| 15H41A0278 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 20 | 0 | 0 |
| 15H41A0278 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 42 | 2 |
| 15H41A0278 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | 45 | 2 |
| 15H41A0278 | R13218 | C PROGRAMMING LAB | 22 | 43 | 2 |
| 15H41A0279 | R13201 | ENGLISH-II | 26 | 26 | 3 |
| 15H41A0279 | R13202 | MATHEMATICS-III | 21 | 33 | 3 |
| 15H41A0279 | R13204 | ENGG. CHEMISTRY | 20 | 16 | 0 |
| 15H41A0279 | R13205 | C PROGRAMMING | 17 | 16 | 0 |
| 15H41A0279 | R13210 | ENGG. MECHANICS | 21 | 24 | 3 |
| 15H41A0279 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 28 | 10 | 0 |
| 15H41A0279 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 39 | 2 |
| 15H41A0279 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 42 | 2 |
| 15H41A0279 | R13218 | C PROGRAMMING LAB | 22 | 44 | 2 |
| 15H41A0280 | R13201 | ENGLISH-II | 23 | 33 | 3 |
| 15H41A0280 | R13202 | MATHEMATICS-III | 20 | 3 | 0 |
| 15H41A0280 | R13204 | ENGG. CHEMISTRY | 19 | 24 | 3 |
| 15H41A0280 | R13205 | C PROGRAMMING | 21 | 10 | 0 |
| 15H41A0280 | R13210 | ENGG. MECHANICS | 20 | 13 | 0 |
| 15H41A0280 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 23 | 0 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0280 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0280 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 47 | 2 |
| 15H41A0280 | R13218 | C PROGRAMMING LAB | 23 | 46 | 2 |
| 15H41A0281 | R13201 | ENGLISH-II | 17 | 11 | 0 |
| 15H41A0281 | R13202 | MATHEMATICS-III | 16 | 9 | 0 |
| 15H41A0281 | R13204 | ENGG. CHEMISTRY | 15 | 4 | 0 |
| 15H41A0281 | R13205 | C PROGRAMMING | 15 | 6 | 0 |
| 15H41A0281 | R13210 | ENGG. MECHANICS | 16 | 5 | 0 |
| 15H41A0281 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 22 | 1 | 0 |
| 15H41A0281 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 43 | 2 |
| 15H41A0281 | R13217 | ENGINEERING CHEMISTRY LAB | 18 | 45 | 2 |
| 15H41A0281 | R13218 | C PROGRAMMING LAB | 22 | 44 | 2 |
| 15H41A0282 | R13201 | ENGLISH-II | 23 | 27 | 3 |
| 15H41A0282 | R13202 | MATHEMATICS-III | 22 | 46 | 3 |
| 15H41A0282 | R13204 | ENGG. CHEMISTRY | 23 | 12 | 0 |
| 15H41A0282 | R13205 | C PROGRAMMING | 20 | 30 | 3 |
| 15H41A0282 | R13210 | ENGG. MECHANICS | 23 | 3 | 0 |
| 15H41A0282 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 27 | 8 | 0 |
| 15H41A0282 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 47 | 2 |
| 15H41A0282 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | 48 | 2 |
| 15H41A0282 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0283 | R13201 | ENGLISH-II | 21 | 41 | 3 |
| 15H41A0283 | R13202 | MATHEMATICS-III | 22 | 43 | 3 |
| 15H41A0283 | R13204 | ENGG. CHEMISTRY | 23 | 24 | 3 |
| 15H41A0283 | R13205 | C PROGRAMMING | 22 | 38 | 3 |
| 15H41A0283 | R13210 | ENGG. MECHANICS | 17 | 34 | 3 |
| 15H41A0283 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 26 | 10 | 0 |
| 15H41A0283 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 41 | 2 |
| 15H41A0283 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 48 | 2 |
| 15H41A0283 | R13218 | C PROGRAMMING LAB | 24 | 46 | 2 |
| 15H41A0284 | R13201 | ENGLISH-II | 18 | 32 | 3 |
| 15H41A0284 | R13202 | MATHEMATICS-III | 4 | 8 | 0 |
| 15H41A0284 | R13204 | ENGG. CHEMISTRY | 10 | 0 | 0 |
| 15H41A0284 | R13205 | C PROGRAMMING | 6 | 10 | 0 |
| 15H41A0284 | R13210 | ENGG. MECHANICS | 5 | 2 | 0 |
| 15H41A0284 | R13212 | ELECTRICAL CIRCUITS ANALYSIS-I | 9 | 13 | 0 |
| 15H41A0284 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 35 | 2 |
| 15H41A0284 | R13217 | ENGINEERING CHEMISTRY LAB | 18 | 38 | 2 |
| 15H41A0284 | R13218 | C PROGRAMMING LAB | 19 | 35 | 2 |
| 15H41A0301 | R13201 | ENGLISH-II | 23 | 37 | 3 |
| 15H41A0301 | R13202 | MATHEMATICS-III | 17 | 28 | 3 |
| 15H41A0301 | R13203 | ENGG. PHYSICS | 22 | 2 | 0 |
| 15H41A0301 | R13207 | MATHEMATICS-II (MM) | 26 | 39 | 3 |
| 15H41A0301 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 15 | 0 |
| 15H41A0301 | R13209 | ENGG. DRAWING | 24 | 12 | 0 |
| 15H41A0301 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 44 | 2 |
| 15H41A0301 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0301 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 45 | 2 |
| 15H41A0302 | R13201 | ENGLISH-II | 16 | 17 | 0 |
| 15H41A0302 | R13202 | MATHEMATICS-III | 9 | 0 | 0 |
| 15H41A0302 | R13203 | ENGG. PHYSICS | 18 | 3 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0302 | R13207 | MATHEMATICS-II (MM) | 20 | 1 | 0 |
| 15H41A0302 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 20 | 29 | 3 |
| 15H41A0302 | R13209 | ENGG. DRAWING | 16 | 10 | 0 |
| 15H41A0302 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 40 | 2 |
| 15H41A0302 | R13214 | ENGINEERING PHYSICS LAB | 23 | 46 | 2 |
| 15H41A0302 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 18 | 39 | 2 |
| 15H41A0303 | R13201 | ENGLISH-II | 24 | 42 | 3 |
| 15H41A0303 | R13202 | MATHEMATICS-III | 16 | 14 | 0 |
| 15H41A0303 | R13203 | ENGG. PHYSICS | 20 | 6 | 0 |
| 15H41A0303 | R13207 | MATHEMATICS-II (MM) | 24 | 31 | 3 |
| 15H41A0303 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 27 | 3 |
| 15H41A0303 | R13209 | ENGG. DRAWING | 14 | 26 | 3 |
| 15H41A0303 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 43 | 2 |
| 15H41A0303 | R13214 | ENGINEERING PHYSICS LAB | 23 | 46 | 2 |
| 15H41A0303 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 41 | 2 |
| 15H41A0304 | R13201 | ENGLISH-II | 20 | 35 | 3 |
| 15H41A0304 | R13202 | MATHEMATICS-III | 11 | -1 | 0 |
| 15H41A0304 | R13203 | ENGG. PHYSICS | 11 | 4 | 0 |
| 15H41A0304 | R13207 | MATHEMATICS-II (MM) | 12 | 0 | 0 |
| 15H41A0304 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 18 | 39 | 3 |
| 15H41A0304 | R13209 | ENGG. DRAWING | 23 | -1 | 0 |
| 15H41A0304 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 40 | 2 |
| 15H41A0304 | R13214 | ENGINEERING PHYSICS LAB | 20 | 38 | 2 |
| 15H41A0304 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 18 | 24 | 2 |
| 15H41A0305 | R13201 | ENGLISH-II | 25 | 50 | 3 |
| 15H41A0305 | R13202 | MATHEMATICS-III | 25 | 52 | 3 |
| 15H41A0305 | R13203 | ENGG. PHYSICS | 21 | 31 | 3 |
| 15H41A0305 | R13207 | MATHEMATICS-II (MM) | 23 | 48 | 3 |
| 15H41A0305 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 31 | 3 |
| 15H41A0305 | R13209 | ENGG. DRAWING | 23 | 24 | 3 |
| 15H41A0305 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 42 | 2 |
| 15H41A0305 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0305 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 43 | 2 |
| 15H41A0306 | R13201 | ENGLISH-II | 20 | 15 | 0 |
| 15H41A0306 | R13202 | MATHEMATICS-III | 12 | 0 | 0 |
| 15H41A0306 | R13203 | ENGG. PHYSICS | 18 | 1 | 0 |
| 15H41A0306 | R13207 | MATHEMATICS-II (MM) | 17 | 0 | 0 |
| 15H41A0306 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 15 | 35 | 3 |
| 15H41A0306 | R13209 | ENGG. DRAWING | 6 | 0 | 0 |
| 15H41A0306 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 12 | 38 | 2 |
| 15H41A0306 | R13214 | ENGINEERING PHYSICS LAB | 23 | 44 | 2 |
| 15H41A0306 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 38 | 2 |
| 15H41A0307 | R13201 | ENGLISH-II | 21 | 43 | 3 |
| 15H41A0307 | R13202 | MATHEMATICS-III | 29 | 56 | 3 |
| 15H41A0307 | R13203 | ENGG. PHYSICS | 21 | 9 | 0 |
| 15H41A0307 | R13207 | MATHEMATICS-II (MM) | 27 | 6 | 0 |
| 15H41A0307 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 34 | 3 |
| 15H41A0307 | R13209 | ENGG. DRAWING | 29 | 34 | 3 |
| 15H41A0307 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 38 | 2 |
| 15H41A0307 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0307 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 48 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0308 | R13201 | ENGLISH-II | 19 | 36 | 3 |
| 15H41A0308 | R13202 | MATHEMATICS-III | 21 | 29 | 3 |
| 15H41A0308 | R13203 | ENGG. PHYSICS | 21 | 8 | 0 |
| 15H41A0308 | R13207 | MATHEMATICS-II (MM) | 25 | 36 | 3 |
| 15H41A0308 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 20 | 13 | 0 |
| 15H41A0308 | R13209 | ENGG. DRAWING | 24 | 6 | 0 |
| 15H41A0308 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 38 | 2 |
| 15H41A0308 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0308 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 34 | 2 |
| 15H41A0310 | R13201 | ENGLISH-II | 20 | 47 | 3 |
| 15H41A0310 | R13202 | MATHEMATICS-III | 17 | 10 | 0 |
| 15H41A0310 | R13203 | ENGG. PHYSICS | 17 | 1 | 0 |
| 15H41A0310 | R13207 | MATHEMATICS-II (MM) | 19 | 26 | 3 |
| 15H41A0310 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 19 | 25 | 3 |
| 15H41A0310 | R13209 | ENGG. DRAWING | 16 | 39 | 3 |
| 15H41A0310 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 41 | 2 |
| 15H41A0310 | R13214 | ENGINEERING PHYSICS LAB | 21 | 42 | 2 |
| 15H41A0310 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 32 | 2 |
| 15H41A0311 | R13201 | ENGLISH-II | 15 | 18 | 0 |
| 15H41A0311 | R13202 | MATHEMATICS-III | 13 | 30 | 3 |
| 15H41A0311 | R13203 | ENGG. PHYSICS | 20 | 5 | 0 |
| 15H41A0311 | R13207 | MATHEMATICS-II (MM) | 19 | 28 | 3 |
| 15H41A0311 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 16 | 25 | 3 |
| 15H41A0311 | R13209 | ENGG. DRAWING | 16 | 11 | 0 |
| 15H41A0311 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 44 | 2 |
| 15H41A0311 | R13214 | ENGINEERING PHYSICS LAB | 23 | 45 | 2 |
| 15H41A0311 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 38 | 2 |
| 15H41A0312 | R13201 | ENGLISH-II | 19 | 43 | 3 |
| 15H41A0312 | R13202 | MATHEMATICS-III | 18 | 27 | 3 |
| 15H41A0312 | R13203 | ENGG. PHYSICS | 16 | 10 | 0 |
| 15H41A0312 | R13207 | MATHEMATICS-II (MM) | 19 | 28 | 3 |
| 15H41A0312 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 18 | 28 | 3 |
| 15H41A0312 | R13209 | ENGG. DRAWING | 21 | 4 | 0 |
| 15H41A0312 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 44 | 2 |
| 15H41A0312 | R13214 | ENGINEERING PHYSICS LAB | 22 | 44 | 2 |
| 15H41A0312 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 45 | 2 |
| 15H41A0313 | R13201 | ENGLISH-II | 27 | 35 | 3 |
| 15H41A0313 | R13202 | MATHEMATICS-III | 23 | 31 | 3 |
| 15H41A0313 | R13203 | ENGG. PHYSICS | 24 | 25 | 3 |
| 15H41A0313 | R13207 | MATHEMATICS-II (MM) | 28 | 41 | 3 |
| 15H41A0313 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 42 | 3 |
| 15H41A0313 | R13209 | ENGG. DRAWING | 16 | 40 | 3 |
| 15H41A0313 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 46 | 2 |
| 15H41A0313 | R13214 | ENGINEERING PHYSICS LAB | 25 | 47 | 2 |
| 15H41A0313 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 47 | 2 |
| 15H41A0314 | R13201 | ENGLISH-II | 16 | 33 | 3 |
| 15H41A0314 | R13202 | MATHEMATICS-III | 15 | 2 | 0 |
| 15H41A0314 | R13203 | ENGG. PHYSICS | 14 | 6 | 0 |
| 15H41A0314 | R13207 | MATHEMATICS-II (MM) | 15 | 2 | 0 |
| 15H41A0314 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 15 | 25 | 3 |
| 15H41A0314 | R13209 | ENGG. DRAWING | 19 | 31 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0314 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 40 | 2 |
| 15H41A0314 | R13214 | ENGINEERING PHYSICS LAB | 20 | 42 | 2 |
| 15H41A0314 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 37 | 2 |
| 15H41A0315 | R13201 | ENGLISH-II | 21 | 24 | 3 |
| 15H41A0315 | R13202 | MATHEMATICS-III | 18 | 29 | 3 |
| 15H41A0315 | R13203 | ENGG. PHYSICS | 19 | 9 | 0 |
| 15H41A0315 | R13207 | MATHEMATICS-II (MM) | 22 | 9 | 0 |
| 15H41A0315 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 31 | 3 |
| 15H41A0315 | R13209 | ENGG. DRAWING | 25 | 31 | 3 |
| 15H41A0315 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 41 | 2 |
| 15H41A0315 | R13214 | ENGINEERING PHYSICS LAB | 23 | 45 | 2 |
| 15H41A0315 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 44 | 2 |
| 15H41A0316 | R13201 | ENGLISH-II | 14 | 39 | 3 |
| 15H41A0316 | R13202 | MATHEMATICS-III | 14 | 0 | 0 |
| 15H41A0316 | R13203 | ENGG. PHYSICS | 12 | 0 | 0 |
| 15H41A0316 | R13207 | MATHEMATICS-II (MM) | 7 | 0 | 0 |
| 15H41A0316 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 18 | 38 | 3 |
| 15H41A0316 | R13209 | ENGG. DRAWING | 11 | -1 | 0 |
| 15H41A0316 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 38 | 2 |
| 15H41A0316 | R13214 | ENGINEERING PHYSICS LAB | 20 | 42 | 2 |
| 15H41A0316 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 23 | 2 |
| 15H41A0317 | R13201 | ENGLISH-II | 17 | 20 | 0 |
| 15H41A0317 | R13202 | MATHEMATICS-III | 16 | 2 | 0 |
| 15H41A0317 | R13203 | ENGG. PHYSICS | 14 | 0 | 0 |
| 15H41A0317 | R13207 | MATHEMATICS-II (MM) | 12 | 7 | 0 |
| 15H41A0317 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 15 | 13 | 0 |
| 15H41A0317 | R13209 | ENGG. DRAWING | 10 | 0 | 0 |
| 15H41A0317 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 38 | 2 |
| 15H41A0317 | R13214 | ENGINEERING PHYSICS LAB | 20 | 42 | 2 |
| 15H41A0317 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 24 | 2 |
| 15H41A0318 | R13201 | ENGLISH-II | 22 | 50 | 3 |
| 15H41A0318 | R13202 | MATHEMATICS-III | 22 | 26 | 3 |
| 15H41A0318 | R13203 | ENGG. PHYSICS | 18 | 0 | 0 |
| 15H41A0318 | R13207 | MATHEMATICS-II (MM) | 22 | 12 | 0 |
| 15H41A0318 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 27 | 3 |
| 15H41A0318 | R13209 | ENGG. DRAWING | 16 | 0 | 0 |
| 15H41A0318 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 40 | 2 |
| 15H41A0318 | R13214 | ENGINEERING PHYSICS LAB | 22 | 44 | 2 |
| 15H41A0318 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 35 | 2 |
| 15H41A0319 | R13201 | ENGLISH-II | 19 | 6 | 0 |
| 15H41A0319 | R13202 | MATHEMATICS-III | 17 | -1 | 0 |
| 15H41A0319 | R13203 | ENGG. PHYSICS | 16 | 5 | 0 |
| 15H41A0319 | R13207 | MATHEMATICS-II (MM) | 17 | 2 | 0 |
| 15H41A0319 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 20 | 34 | 3 |
| 15H41A0319 | R13209 | ENGG. DRAWING | 11 | -1 | 0 |
| 15H41A0319 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 38 | 2 |
| 15H41A0319 | R13214 | ENGINEERING PHYSICS LAB | 21 | 42 | 2 |
| 15H41A0319 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 23 | 2 |
| 15H41A0320 | R13201 | ENGLISH-II | 21 | 44 | 3 |
| 15H41A0320 | R13202 | MATHEMATICS-III | 14 | 0 | 0 |
| 15H41A0320 | R13203 | ENGG. PHYSICS | 22 | 8 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0320 | R13207 | MATHEMATICS-II (MM) | 17 | 5 | 0 |
| 15H41A0320 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 19 | 26 | 3 |
| 15H41A0320 | R13209 | ENGG. DRAWING | 18 | 24 | 3 |
| 15H41A0320 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 42 | 2 |
| 15H41A0320 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0320 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 18 | 47 | 2 |
| 15H41A0321 | R13201 | ENGLISH-II | 27 | 36 | 3 |
| 15H41A0321 | R13202 | MATHEMATICS-III | 25 | 32 | 3 |
| 15H41A0321 | R13203 | ENGG. PHYSICS | 27 | 24 | 3 |
| 15H41A0321 | R13207 | MATHEMATICS-II (MM) | 27 | 49 | 3 |
| 15H41A0321 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 43 | 3 |
| 15H41A0321 | R13209 | ENGG. DRAWING | 29 | 26 | 3 |
| 15H41A0321 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0321 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0321 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A0322 | R13201 | ENGLISH-II | 22 | 45 | 3 |
| 15H41A0322 | R13202 | MATHEMATICS-III | 24 | 29 | 3 |
| 15H41A0322 | R13203 | ENGG. PHYSICS | 17 | 2 | 0 |
| 15H41A0322 | R13207 | MATHEMATICS-II (MM) | 26 | 42 | 3 |
| 15H41A0322 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 32 | 3 |
| 15H41A0322 | R13209 | ENGG. DRAWING | 19 | 24 | 3 |
| 15H41A0322 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 44 | 2 |
| 15H41A0322 | R13214 | ENGINEERING PHYSICS LAB | 23 | 47 | 2 |
| 15H41A0322 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 38 | 2 |
| 15H41A0323 | R13201 | ENGLISH-II | 22 | 26 | 3 |
| 15H41A0323 | R13202 | MATHEMATICS-III | 25 | 33 | 3 |
| 15H41A0323 | R13203 | ENGG. PHYSICS | 17 | 6 | 0 |
| 15H41A0323 | R13207 | MATHEMATICS-II (MM) | 22 | 29 | 3 |
| 15H41A0323 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 26 | 3 |
| 15H41A0323 | R13209 | ENGG. DRAWING | 25 | 10 | 0 |
| 15H41A0323 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 45 | 2 |
| 15H41A0323 | R13214 | ENGINEERING PHYSICS LAB | 23 | 46 | 2 |
| 15H41A0323 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 43 | 2 |
| 15H41A0324 | R13201 | ENGLISH-II | 17 | 37 | 3 |
| 15H41A0324 | R13202 | MATHEMATICS-III | 11 | 0 | 0 |
| 15H41A0324 | R13203 | ENGG. PHYSICS | 18 | 10 | 0 |
| 15H41A0324 | R13207 | MATHEMATICS-II (MM) | 16 | 6 | 0 |
| 15H41A0324 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 18 | 29 | 3 |
| 15H41A0324 | R13209 | ENGG. DRAWING | 23 | 3 | 0 |
| 15H41A0324 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 41 | 2 |
| 15H41A0324 | R13214 | ENGINEERING PHYSICS LAB | 23 | 45 | 2 |
| 15H41A0324 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 39 | 2 |
| 15H41A0325 | R13201 | ENGLISH-II | 22 | 37 | 3 |
| 15H41A0325 | R13202 | MATHEMATICS-III | 21 | 36 | 3 |
| 15H41A0325 | R13203 | ENGG. PHYSICS | 18 | 35 | 3 |
| 15H41A0325 | R13207 | MATHEMATICS-II (MM) | 26 | 37 | 3 |
| 15H41A0325 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 27 | 3 |
| 15H41A0325 | R13209 | ENGG. DRAWING | 27 | 24 | 3 |
| 15H41A0325 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 42 | 2 |
| 15H41A0325 | R13214 | ENGINEERING PHYSICS LAB | 24 | 46 | 2 |
| 15H41A0325 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 47 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0326 | R13201 | ENGLISH-II | 28 | 51 | 3 |
| 15H41A0326 | R13202 | MATHEMATICS-III | 29 | 44 | 3 |
| 15H41A0326 | R13203 | ENGG. PHYSICS | 23 | 32 | 3 |
| 15H41A0326 | R13207 | MATHEMATICS-II (MM) | 27 | 48 | 3 |
| 15H41A0326 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 29 | 3 |
| 15H41A0326 | R13209 | ENGG. DRAWING | 30 | 56 | 3 |
| 15H41A0326 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0326 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0326 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A0327 | R13201 | ENGLISH-II | 25 | 24 | 3 |
| 15H41A0327 | R13202 | MATHEMATICS-III | 20 | 37 | 3 |
| 15H41A0327 | R13203 | ENGG. PHYSICS | 20 | 28 | 3 |
| 15H41A0327 | R13207 | MATHEMATICS-II (MM) | 19 | 39 | 3 |
| 15H41A0327 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 31 | 3 |
| 15H41A0327 | R13209 | ENGG. DRAWING | 25 | 30 | 3 |
| 15H41A0327 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 44 | 2 |
| 15H41A0327 | R13214 | ENGINEERING PHYSICS LAB | 23 | 47 | 2 |
| 15H41A0327 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 46 | 2 |
| 15H41A0328 | R13201 | ENGLISH-II | 12 | -1 | 0 |
| 15H41A0328 | R13202 | MATHEMATICS-III | 13 | -1 | 0 |
| 15H41A0328 | R13203 | ENGG. PHYSICS | 10 | -1 | 0 |
| 15H41A0328 | R13207 | MATHEMATICS-II (MM) | 16 | -1 | 0 |
| 15H41A0328 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 11 | -1 | 0 |
| 15H41A0328 | R13209 | ENGG. DRAWING | 8 | -1 | 0 |
| 15H41A0328 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 12 | -1 | 0 |
| 15H41A0328 | R13214 | ENGINEERING PHYSICS LAB | 14 | -1 | 0 |
| 15H41A0328 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 4 | -1 | 0 |
| 15H41A0329 | R13201 | ENGLISH-II | 24 | 36 | 3 |
| 15H41A0329 | R13202 | MATHEMATICS-III | 19 | 34 | 3 |
| 15H41A0329 | R13203 | ENGG. PHYSICS | 17 | 6 | 0 |
| 15H41A0329 | R13207 | MATHEMATICS-II (MM) | 23 | 36 | 3 |
| 15H41A0329 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 39 | 3 |
| 15H41A0329 | R13209 | ENGG. DRAWING | 27 | 24 | 3 |
| 15H41A0329 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 42 | 2 |
| 15H41A0329 | R13214 | ENGINEERING PHYSICS LAB | 24 | 48 | 2 |
| 15H41A0329 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 46 | 2 |
| 15H41A0330 | R13201 | ENGLISH-II | 27 | 46 | 3 |
| 15H41A0330 | R13202 | MATHEMATICS-III | 28 | 57 | 3 |
| 15H41A0330 | R13203 | ENGG. PHYSICS | 27 | 9 | 0 |
| 15H41A0330 | R13207 | MATHEMATICS-II (MM) | 27 | 60 | 3 |
| 15H41A0330 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 31 | 3 |
| 15H41A0330 | R13209 | ENGG. DRAWING | 26 | 53 | 3 |
| 15H41A0330 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 39 | 2 |
| 15H41A0330 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0330 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A0331 | R13201 | ENGLISH-II | 30 | 46 | 3 |
| 15H41A0331 | R13202 | MATHEMATICS-III | 29 | 50 | 3 |
| 15H41A0331 | R13203 | ENGG. PHYSICS | 22 | 24 | 3 |
| 15H41A0331 | R13207 | MATHEMATICS-II (MM) | 27 | 55 | 3 |
| 15H41A0331 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 33 | 3 |
| 15H41A0331 | R13209 | ENGG. DRAWING | 26 | 44 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0331 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0331 | R13214 | ENGINEERING PHYSICS LAB | 23 | 47 | 2 |
| 15H41A0331 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 49 | 2 |
| 15H41A0332 | R13201 | ENGLISH-II | 24 | 36 | 3 |
| 15H41A0332 | R13202 | MATHEMATICS-III | 25 | 44 | 3 |
| 15H41A0332 | R13203 | ENGG. PHYSICS | 19 | 35 | 3 |
| 15H41A0332 | R13207 | MATHEMATICS-II (MM) | 25 | 58 | 3 |
| 15H41A0332 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 31 | 3 |
| 15H41A0332 | R13209 | ENGG. DRAWING | 29 | 40 | 3 |
| 15H41A0332 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 42 | 2 |
| 15H41A0332 | R13214 | ENGINEERING PHYSICS LAB | 22 | 46 | 2 |
| 15H41A0332 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 44 | 2 |
| 15H41A0333 | R13201 | ENGLISH-II | 27 | 41 | 3 |
| 15H41A0333 | R13202 | MATHEMATICS-III | 20 | 27 | 3 |
| 15H41A0333 | R13203 | ENGG. PHYSICS | 25 | 32 | 3 |
| 15H41A0333 | R13207 | MATHEMATICS-II (MM) | 25 | 35 | 3 |
| 15H41A0333 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 34 | 3 |
| 15H41A0333 | R13209 | ENGG. DRAWING | 28 | 34 | 3 |
| 15H41A0333 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 42 | 2 |
| 15H41A0333 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A0333 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 47 | 2 |
| 15H41A0334 | R13201 | ENGLISH-II | 21 | 45 | 3 |
| 15H41A0334 | R13202 | MATHEMATICS-III | 19 | 24 | 3 |
| 15H41A0334 | R13203 | ENGG. PHYSICS | 20 | 3 | 0 |
| 15H41A0334 | R13207 | MATHEMATICS-II (MM) | 20 | 24 | 3 |
| 15H41A0334 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 28 | 3 |
| 15H41A0334 | R13209 | ENGG. DRAWING | 21 | 37 | 3 |
| 15H41A0334 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 39 | 2 |
| 15H41A0334 | R13214 | ENGINEERING PHYSICS LAB | 23 | 45 | 2 |
| 15H41A0334 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 44 | 2 |
| 15H41A0335 | R13201 | ENGLISH-II | 30 | 29 | 3 |
| 15H41A0335 | R13202 | MATHEMATICS-III | 28 | 51 | 3 |
| 15H41A0335 | R13203 | ENGG. PHYSICS | 26 | 24 | 3 |
| 15H41A0335 | R13207 | MATHEMATICS-II (MM) | 29 | 57 | 3 |
| 15H41A0335 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 12 | 0 |
| 15H41A0335 | R13209 | ENGG. DRAWING | 20 | 31 | 3 |
| 15H41A0335 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0335 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A0335 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 44 | 2 |
| 15H41A0336 | R13201 | ENGLISH-II | 16 | 34 | 3 |
| 15H41A0336 | R13202 | MATHEMATICS-III | 11 | 15 | 0 |
| 15H41A0336 | R13203 | ENGG. PHYSICS | 17 | 8 | 0 |
| 15H41A0336 | R13207 | MATHEMATICS-II (MM) | 18 | 11 | 0 |
| 15H41A0336 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 27 | 3 |
| 15H41A0336 | R13209 | ENGG. DRAWING | 27 | 2 | 0 |
| 15H41A0336 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 39 | 2 |
| 15H41A0336 | R13214 | ENGINEERING PHYSICS LAB | 22 | 44 | 2 |
| 15H41A0336 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 40 | 2 |
| 15H41A0337 | R13201 | ENGLISH-II | 29 | 47 | 3 |
| 15H41A0337 | R13202 | MATHEMATICS-III | 28 | 40 | 3 |
| 15H41A0337 | R13203 | ENGG. PHYSICS | 27 | 31 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0337 | R13207 | MATHEMATICS-II (MM) | 29 | 58 | 3 |
| 15H41A0337 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 48 | 3 |
| 15H41A0337 | R13209 | ENGG. DRAWING | 30 | 42 | 3 |
| 15H41A0337 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0337 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0337 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A0338 | R13201 | ENGLISH-II | 16 | 26 | 3 |
| 15H41A0338 | R13202 | MATHEMATICS-III | 8 | 0 | 0 |
| 15H41A0338 | R13203 | ENGG. PHYSICS | 14 | 0 | 0 |
| 15H41A0338 | R13207 | MATHEMATICS-II (MM) | 10 | 0 | 0 |
| 15H41A0338 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 16 | 27 | 3 |
| 15H41A0338 | R13209 | ENGG. DRAWING | 6 | -1 | 0 |
| 15H41A0338 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 15 | 38 | 2 |
| 15H41A0338 | R13214 | ENGINEERING PHYSICS LAB | 20 | 42 | 2 |
| 15H41A0338 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 15 | 23 | 2 |
| 15H41A0339 | R13201 | ENGLISH-II | 25 | 28 | 3 |
| 15H41A0339 | R13202 | MATHEMATICS-III | 24 | 45 | 3 |
| 15H41A0339 | R13203 | ENGG. PHYSICS | 19 | 8 | 0 |
| 15H41A0339 | R13207 | MATHEMATICS-II (MM) | 26 | 27 | 3 |
| 15H41A0339 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 31 | 3 |
| 15H41A0339 | R13209 | ENGG. DRAWING | 19 | 28 | 3 |
| 15H41A0339 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 45 | 2 |
| 15H41A0339 | R13214 | ENGINEERING PHYSICS LAB | 22 | 45 | 2 |
| 15H41A0339 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 40 | 2 |
| 15H41A0340 | R13201 | ENGLISH-II | 27 | 45 | 3 |
| 15H41A0340 | R13202 | MATHEMATICS-III | 23 | 45 | 3 |
| 15H41A0340 | R13203 | ENGG. PHYSICS | 23 | 36 | 3 |
| 15H41A0340 | R13207 | MATHEMATICS-II (MM) | 24 | 52 | 3 |
| 15H41A0340 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 31 | 3 |
| 15H41A0340 | R13209 | ENGG. DRAWING | 19 | 44 | 3 |
| 15H41A0340 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 46 | 2 |
| 15H41A0340 | R13214 | ENGINEERING PHYSICS LAB | 24 | 48 | 2 |
| 15H41A0340 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 43 | 2 |
| 15H41A0341 | R13201 | ENGLISH-II | 23 | 39 | 3 |
| 15H41A0341 | R13202 | MATHEMATICS-III | 22 | 29 | 3 |
| 15H41A0341 | R13203 | ENGG. PHYSICS | 21 | 31 | 3 |
| 15H41A0341 | R13207 | MATHEMATICS-II (MM) | 24 | 32 | 3 |
| 15H41A0341 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 30 | 3 |
| 15H41A0341 | R13209 | ENGG. DRAWING | 23 | 10 | 0 |
| 15H41A0341 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 42 | 2 |
| 15H41A0341 | R13214 | ENGINEERING PHYSICS LAB | 23 | 46 | 2 |
| 15H41A0341 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 44 | 2 |
| 15H41A0342 | R13201 | ENGLISH-II | 24 | 47 | 3 |
| 15H41A0342 | R13202 | MATHEMATICS-III | 21 | 11 | 0 |
| 15H41A0342 | R13203 | ENGG. PHYSICS | 21 | 6 | 0 |
| 15H41A0342 | R13207 | MATHEMATICS-II (MM) | 22 | 24 | 3 |
| 15H41A0342 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 31 | 3 |
| 15H41A0342 | R13209 | ENGG. DRAWING | 19 | 8 | 0 |
| 15H41A0342 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 42 | 2 |
| 15H41A0342 | R13214 | ENGINEERING PHYSICS LAB | 22 | 47 | 2 |
| 15H41A0342 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 42 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0343 | R13201 | ENGLISH-II | 25 | 29 | 3 |
| 15H41A0343 | R13202 | MATHEMATICS-III | 25 | 48 | 3 |
| 15H41A0343 | R13203 | ENGG. PHYSICS | 22 | 24 | 3 |
| 15H41A0343 | R13207 | MATHEMATICS-II (MM) | 27 | 40 | 3 |
| 15H41A0343 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 30 | 3 |
| 15H41A0343 | R13209 | ENGG. DRAWING | 24 | 32 | 3 |
| 15H41A0343 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 48 | 2 |
| 15H41A0343 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0343 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 42 | 2 |
| 15H41A0344 | R13201 | ENGLISH-II | 26 | 46 | 3 |
| 15H41A0344 | R13202 | MATHEMATICS-III | 24 | 42 | 3 |
| 15H41A0344 | R13203 | ENGG. PHYSICS | 25 | 35 | 3 |
| 15H41A0344 | R13207 | MATHEMATICS-II (MM) | 28 | 47 | 3 |
| 15H41A0344 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 36 | 3 |
| 15H41A0344 | R13209 | ENGG. DRAWING | 25 | 10 | 0 |
| 15H41A0344 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 42 | 2 |
| 15H41A0344 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0344 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 48 | 2 |
| 15H41A0345 | R13201 | ENGLISH-II | 20 | 31 | 3 |
| 15H41A0345 | R13202 | MATHEMATICS-III | 11 | 0 | 0 |
| 15H41A0345 | R13203 | ENGG. PHYSICS | 15 | 4 | 0 |
| 15H41A0345 | R13207 | MATHEMATICS-II (MM) | 15 | 0 | 0 |
| 15H41A0345 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 32 | 3 |
| 15H41A0345 | R13209 | ENGG. DRAWING | 12 | 0 | 0 |
| 15H41A0345 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 15 | 36 | 2 |
| 15H41A0345 | R13214 | ENGINEERING PHYSICS LAB | 21 | 42 | 2 |
| 15H41A0345 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 15 | 39 | 2 |
| 15H41A0346 | R13201 | ENGLISH-II | 20 | 44 | 3 |
| 15H41A0346 | R13202 | MATHEMATICS-III | 20 | 24 | 3 |
| 15H41A0346 | R13203 | ENGG. PHYSICS | 20 | 2 | 0 |
| 15H41A0346 | R13207 | MATHEMATICS-II (MM) | 23 | 24 | 3 |
| 15H41A0346 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 25 | 3 |
| 15H41A0346 | R13209 | ENGG. DRAWING | 30 | 29 | 3 |
| 15H41A0346 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 48 | 2 |
| 15H41A0346 | R13214 | ENGINEERING PHYSICS LAB | 23 | 45 | 2 |
| 15H41A0346 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 49 | 2 |
| 15H41A0347 | R13201 | ENGLISH-II | 16 | 9 | 0 |
| 15H41A0347 | R13202 | MATHEMATICS-III | 11 | 6 | 0 |
| 15H41A0347 | R13203 | ENGG. PHYSICS | 16 | 8 | 0 |
| 15H41A0347 | R13207 | MATHEMATICS-II (MM) | 16 | 6 | 0 |
| 15H41A0347 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 18 | 25 | 3 |
| 15H41A0347 | R13209 | ENGG. DRAWING | 23 | 15 | 0 |
| 15H41A0347 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 38 | 2 |
| 15H41A0347 | R13214 | ENGINEERING PHYSICS LAB | 21 | 42 | 2 |
| 15H41A0347 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 18 | 40 | 2 |
| 15H41A0348 | R13201 | ENGLISH-II | 13 | 27 | 3 |
| 15H41A0348 | R13202 | MATHEMATICS-III | 10 | 0 | 0 |
| 15H41A0348 | R13203 | ENGG. PHYSICS | 15 | 0 | 0 |
| 15H41A0348 | R13207 | MATHEMATICS-II (MM) | 8 | 6 | 0 |
| 15H41A0348 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 14 | 14 | 0 |
| 15H41A0348 | R13209 | ENGG. DRAWING | 17 | 4 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0348 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 15 | 37 | 2 |
| 15H41A0348 | R13214 | ENGINEERING PHYSICS LAB | 20 | 42 | 2 |
| 15H41A0348 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 35 | 2 |
| 15H41A0349 | R13201 | ENGLISH-II | 25 | 37 | 3 |
| 15H41A0349 | R13202 | MATHEMATICS-III | 26 | 28 | 3 |
| 15H41A0349 | R13203 | ENGG. PHYSICS | 21 | 24 | 3 |
| 15H41A0349 | R13207 | MATHEMATICS-II (MM) | 25 | 37 | 3 |
| 15H41A0349 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 39 | 3 |
| 15H41A0349 | R13209 | ENGG. DRAWING | 19 | 51 | 3 |
| 15H41A0349 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 49 | 2 |
| 15H41A0349 | R13214 | ENGINEERING PHYSICS LAB | 23 | 46 | 2 |
| 15H41A0349 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 49 | 2 |
| 15H41A0350 | R13201 | ENGLISH-II | 21 | 14 | 0 |
| 15H41A0350 | R13202 | MATHEMATICS-III | 10 | 0 | 0 |
| 15H41A0350 | R13203 | ENGG. PHYSICS | 14 | 4 | 0 |
| 15H41A0350 | R13207 | MATHEMATICS-II (MM) | 17 | 5 | 0 |
| 15H41A0350 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 16 | 15 | 0 |
| 15H41A0350 | R13209 | ENGG. DRAWING | 9 | 0 | 0 |
| 15H41A0350 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 17 | 41 | 2 |
| 15H41A0350 | R13214 | ENGINEERING PHYSICS LAB | 20 | 42 | 2 |
| 15H41A0350 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 16 | 27 | 2 |
| 15H41A0351 | R13201 | ENGLISH-II | 22 | 37 | 3 |
| 15H41A0351 | R13202 | MATHEMATICS-III | 11 | 29 | 3 |
| 15H41A0351 | R13203 | ENGG. PHYSICS | 16 | 4 | 0 |
| 15H41A0351 | R13207 | MATHEMATICS-II (MM) | 17 | 11 | 0 |
| 15H41A0351 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 24 | 3 |
| 15H41A0351 | R13209 | ENGG. DRAWING | 18 | 30 | 3 |
| 15H41A0351 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 16 | 41 | 2 |
| 15H41A0351 | R13214 | ENGINEERING PHYSICS LAB | 21 | 43 | 2 |
| 15H41A0351 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 44 | 2 |
| 15H41A0352 | R13201 | ENGLISH-II | 22 | 40 | 3 |
| 15H41A0352 | R13202 | MATHEMATICS-III | 16 | 18 | 0 |
| 15H41A0352 | R13203 | ENGG. PHYSICS | 17 | 34 | 3 |
| 15H41A0352 | R13207 | MATHEMATICS-II (MM) | 19 | 26 | 3 |
| 15H41A0352 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 28 | 3 |
| 15H41A0352 | R13209 | ENGG. DRAWING | 17 | 24 | 3 |
| 15H41A0352 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A0352 | R13214 | ENGINEERING PHYSICS LAB | 22 | 43 | 2 |
| 15H41A0352 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 36 | 2 |
| 15H41A0353 | R13201 | ENGLISH-II | 21 | 35 | 3 |
| 15H41A0353 | R13202 | MATHEMATICS-III | 20 | -1 | 0 |
| 15H41A0353 | R13203 | ENGG. PHYSICS | 19 | 9 | 0 |
| 15H41A0353 | R13207 | MATHEMATICS-II (MM) | 26 | 24 | 3 |
| 15H41A0353 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 33 | 3 |
| 15H41A0353 | R13209 | ENGG. DRAWING | 23 | -1 | 0 |
| 15H41A0353 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 39 | 2 |
| 15H41A0353 | R13214 | ENGINEERING PHYSICS LAB | 23 | 44 | 2 |
| 15H41A0353 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 38 | 2 |
| 15H41A0354 | R13201 | ENGLISH-II | 21 | 29 | 3 |
| 15H41A0354 | R13202 | MATHEMATICS-III | 18 | 24 | 3 |
| 15H41A0354 | R13203 | ENGG. PHYSICS | 22 | 4 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0354 | R13207 | MATHEMATICS-II (MM) | 25 | 40 | 3 |
| 15H41A0354 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 23 | 25 | 3 |
| 15H41A0354 | R13209 | ENGG. DRAWING | 18 | 24 | 3 |
| 15H41A0354 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 39 | 2 |
| 15H41A0354 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0354 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 40 | 2 |
| 15H41A0355 | R13201 | ENGLISH-II | 27 | 53 | 3 |
| 15H41A0355 | R13202 | MATHEMATICS-III | 27 | 55 | 3 |
| 15H41A0355 | R13203 | ENGG. PHYSICS | 25 | 60 | 3 |
| 15H41A0355 | R13207 | MATHEMATICS-II (MM) | 28 | 42 | 3 |
| 15H41A0355 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 50 | 3 |
| 15H41A0355 | R13209 | ENGG. DRAWING | 24 | 44 | 3 |
| 15H41A0355 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0355 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0355 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 43 | 2 |
| 15H41A0356 | R13201 | ENGLISH-II | 27 | -1 | 0 |
| 15H41A0356 | R13202 | MATHEMATICS-III | 17 | 11 | 0 |
| 15H41A0356 | R13203 | ENGG. PHYSICS | 20 | 0 | 0 |
| 15H41A0356 | R13207 | MATHEMATICS-II (MM) | 27 | 39 | 3 |
| 15H41A0356 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 35 | 3 |
| 15H41A0356 | R13209 | ENGG. DRAWING | 21 | 33 | 3 |
| 15H41A0356 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0356 | R13214 | ENGINEERING PHYSICS LAB | 24 | 50 | 2 |
| 15H41A0356 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 40 | 2 |
| 15H41A0401 | R13201 | ENGLISH-II | 24 | 47 | 3 |
| 15H41A0401 | R13202 | MATHEMATICS-III | 21 | 40 | 3 |
| 15H41A0401 | R13204 | ENGG. CHEMISTRY | 23 | 14 | 0 |
| 15H41A0401 | R13205 | C PROGRAMMING | 26 | 24 | 3 |
| 15H41A0401 | R13210 | ENGG. MECHANICS | 19 | 24 | 3 |
| 15H41A0401 | R13211 | NETWORK ANALYSIS | 19 | 7 | 0 |
| 15H41A0401 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A0401 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 48 | 2 |
| 15H41A0401 | R13218 | C PROGRAMMING LAB | 22 | 46 | 2 |
| 15H41A0402 | R13201 | ENGLISH-II | 27 | 47 | 3 |
| 15H41A0402 | R13202 | MATHEMATICS-III | 27 | 47 | 3 |
| 15H41A0402 | R13204 | ENGG. CHEMISTRY | 26 | 40 | 3 |
| 15H41A0402 | R13205 | C PROGRAMMING | 26 | 43 | 3 |
| 15H41A0402 | R13210 | ENGG. MECHANICS | 27 | 52 | 3 |
| 15H41A0402 | R13211 | NETWORK ANALYSIS | 26 | 68 | 3 |
| 15H41A0402 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0402 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 48 | 2 |
| 15H41A0402 | R13218 | C PROGRAMMING LAB | 23 | 50 | 2 |
| 15H41A0403 | R13201 | ENGLISH-II | 24 | 42 | 3 |
| 15H41A0403 | R13202 | MATHEMATICS-III | 28 | 34 | 3 |
| 15H41A0403 | R13204 | ENGG. CHEMISTRY | 29 | 30 | 3 |
| 15H41A0403 | R13205 | C PROGRAMMING | 28 | 31 | 3 |
| 15H41A0403 | R13210 | ENGG. MECHANICS | 26 | 32 | 3 |
| 15H41A0403 | R13211 | NETWORK ANALYSIS | 24 | 38 | 3 |
| 15H41A0403 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0403 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 48 | 2 |
| 15H41A0403 | R13218 | C PROGRAMMING LAB | 22 | 48 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0404 | R13201 | ENGLISH-II | 23 | 39 | 3 |
| 15H41A0404 | R13202 | MATHEMATICS-III | 29 | 56 | 3 |
| 15H41A0404 | R13204 | ENGG. CHEMISTRY | 29 | 44 | 3 |
| 15H41A0404 | R13205 | C PROGRAMMING | 28 | 31 | 3 |
| 15H41A0404 | R13210 | ENGG. MECHANICS | 28 | 59 | 3 |
| 15H41A0404 | R13211 | NETWORK ANALYSIS | 28 | 64 | 3 |
| 15H41A0404 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0404 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 47 | 2 |
| 15H41A0404 | R13218 | C PROGRAMMING LAB | 24 | 49 | 2 |
| 15H41A0405 | R13201 | ENGLISH-II | 28 | 63 | 3 |
| 15H41A0405 | R13202 | MATHEMATICS-III | 30 | 64 | 3 |
| 15H41A0405 | R13204 | ENGG. CHEMISTRY | 25 | 31 | 3 |
| 15H41A0405 | R13205 | C PROGRAMMING | 29 | 29 | 3 |
| 15H41A0405 | R13210 | ENGG. MECHANICS | 27 | 35 | 3 |
| 15H41A0405 | R13211 | NETWORK ANALYSIS | 25 | 48 | 3 |
| 15H41A0405 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0405 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 46 | 2 |
| 15H41A0405 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0406 | R13201 | ENGLISH-II | 23 | 50 | 3 |
| 15H41A0406 | R13202 | MATHEMATICS-III | 25 | 33 | 3 |
| 15H41A0406 | R13204 | ENGG. CHEMISTRY | 27 | 27 | 3 |
| 15H41A0406 | R13205 | C PROGRAMMING | 26 | 29 | 3 |
| 15H41A0406 | R13210 | ENGG. MECHANICS | 20 | 52 | 3 |
| 15H41A0406 | R13211 | NETWORK ANALYSIS | 23 | 46 | 3 |
| 15H41A0406 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 44 | 2 |
| 15H41A0406 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 49 | 2 |
| 15H41A0406 | R13218 | C PROGRAMMING LAB | 21 | 42 | 2 |
| 15H41A0407 | R13201 | ENGLISH-II | 19 | 35 | 3 |
| 15H41A0407 | R13202 | MATHEMATICS-III | 16 | 25 | 3 |
| 15H41A0407 | R13204 | ENGG. CHEMISTRY | 18 | 14 | 0 |
| 15H41A0407 | R13205 | C PROGRAMMING | 21 | 24 | 3 |
| 15H41A0407 | R13210 | ENGG. MECHANICS | 15 | 10 | 0 |
| 15H41A0407 | R13211 | NETWORK ANALYSIS | 16 | 1 | 0 |
| 15H41A0407 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 45 | 2 |
| 15H41A0407 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 45 | 2 |
| 15H41A0407 | R13218 | C PROGRAMMING LAB | 20 | 40 | 2 |
| 15H41A0408 | R13201 | ENGLISH-II | 24 | 48 | 3 |
| 15H41A0408 | R13202 | MATHEMATICS-III | 30 | 49 | 3 |
| 15H41A0408 | R13204 | ENGG. CHEMISTRY | 29 | 57 | 3 |
| 15H41A0408 | R13205 | C PROGRAMMING | 29 | 33 | 3 |
| 15H41A0408 | R13210 | ENGG. MECHANICS | 26 | 61 | 3 |
| 15H41A0408 | R13211 | NETWORK ANALYSIS | 27 | 59 | 3 |
| 15H41A0408 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0408 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0408 | R13218 | C PROGRAMMING LAB | 25 | 49 | 2 |
| 15H41A0409 | R13201 | ENGLISH-II | 15 | 40 | 3 |
| 15H41A0409 | R13202 | MATHEMATICS-III | 10 | 1 | 0 |
| 15H41A0409 | R13204 | ENGG. CHEMISTRY | 16 | 2 | 0 |
| 15H41A0409 | R13205 | C PROGRAMMING | 15 | 8 | 0 |
| 15H41A0409 | R13210 | ENGG. MECHANICS | 13 | 0 | 0 |
| 15H41A0409 | R13211 | NETWORK ANALYSIS | 4 | 2 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0409 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | -1 | 0 |
| 15H41A0409 | R13217 | ENGINEERING CHEMISTRY LAB | 0 | 37 | 2 |
| 15H41A0409 | R13218 | C PROGRAMMING LAB | 17 | 39 | 2 |
| 15H41A0410 | R13201 | ENGLISH-II | 21 | 43 | 3 |
| 15H41A0410 | R13202 | MATHEMATICS-III | 21 | 39 | 3 |
| 15H41A0410 | R13204 | ENGG. CHEMISTRY | 22 | 45 | 3 |
| 15H41A0410 | R13205 | C PROGRAMMING | 25 | 24 | 3 |
| 15H41A0410 | R13210 | ENGG. MECHANICS | 22 | 32 | 3 |
| 15H41A0410 | R13211 | NETWORK ANALYSIS | 20 | 26 | 3 |
| 15H41A0410 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 45 | 2 |
| 15H41A0410 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 42 | 2 |
| 15H41A0410 | R13218 | C PROGRAMMING LAB | 20 | 40 | 2 |
| 15H41A0411 | R13201 | ENGLISH-II | 22 | 44 | 3 |
| 15H41A0411 | R13202 | MATHEMATICS-III | 25 | 28 | 3 |
| 15H41A0411 | R13204 | ENGG. CHEMISTRY | 26 | 38 | 3 |
| 15H41A0411 | R13205 | C PROGRAMMING | 26 | 28 | 3 |
| 15H41A0411 | R13210 | ENGG. MECHANICS | 20 | 31 | 3 |
| 15H41A0411 | R13211 | NETWORK ANALYSIS | 24 | 9 | 0 |
| 15H41A0411 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 47 | 2 |
| 15H41A0411 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 48 | 2 |
| 15H41A0411 | R13218 | C PROGRAMMING LAB | 23 | 48 | 2 |
| 15H41A0412 | R13201 | ENGLISH-II | 30 | 47 | 3 |
| 15H41A0412 | R13202 | MATHEMATICS-III | 29 | 58 | 3 |
| 15H41A0412 | R13204 | ENGG. CHEMISTRY | 29 | 61 | 3 |
| 15H41A0412 | R13205 | C PROGRAMMING | 28 | 36 | 3 |
| 15H41A0412 | R13210 | ENGG. MECHANICS | 29 | 49 | 3 |
| 15H41A0412 | R13211 | NETWORK ANALYSIS | 25 | 54 | 3 |
| 15H41A0412 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0412 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0412 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0413 | R13201 | ENGLISH-II | 21 | 58 | 3 |
| 15H41A0413 | R13202 | MATHEMATICS-III | 25 | 57 | 3 |
| 15H41A0413 | R13204 | ENGG. CHEMISTRY | 25 | 26 | 3 |
| 15H41A0413 | R13205 | C PROGRAMMING | 25 | 34 | 3 |
| 15H41A0413 | R13210 | ENGG. MECHANICS | 19 | 43 | 3 |
| 15H41A0413 | R13211 | NETWORK ANALYSIS | 22 | 33 | 3 |
| 15H41A0413 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 42 | 2 |
| 15H41A0413 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 45 | 2 |
| 15H41A0413 | R13218 | C PROGRAMMING LAB | 18 | 40 | 2 |
| 15H41A0414 | R13201 | ENGLISH-II | 25 | 48 | 3 |
| 15H41A0414 | R13202 | MATHEMATICS-III | 24 | 43 | 3 |
| 15H41A0414 | R13204 | ENGG. CHEMISTRY | 26 | 41 | 3 |
| 15H41A0414 | R13205 | C PROGRAMMING | 24 | 24 | 3 |
| 15H41A0414 | R13210 | ENGG. MECHANICS | 22 | 30 | 3 |
| 15H41A0414 | R13211 | NETWORK ANALYSIS | 21 | 60 | 3 |
| 15H41A0414 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 43 | 2 |
| 15H41A0414 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 48 | 2 |
| 15H41A0414 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0415 | R13201 | ENGLISH-II | 24 | 38 | 3 |
| 15H41A0415 | R13202 | MATHEMATICS-III | 22 | 12 | 0 |
| 15H41A0415 | R13204 | ENGG. CHEMISTRY | 22 | 29 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0415 | R13205 | C PROGRAMMING | 25 | 32 | 3 |
| 15H41A0415 | R13210 | ENGG. MECHANICS | 21 | 24 | 3 |
| 15H41A0415 | R13211 | NETWORK ANALYSIS | 20 | 24 | 3 |
| 15H41A0415 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 49 | 2 |
| 15H41A0415 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 40 | 2 |
| 15H41A0415 | R13218 | C PROGRAMMING LAB | 23 | 41 | 2 |
| 15H41A0417 | R13201 | ENGLISH-II | 26 | 40 | 3 |
| 15H41A0417 | R13202 | MATHEMATICS-III | 27 | 55 | 3 |
| 15H41A0417 | R13204 | ENGG. CHEMISTRY | 27 | 32 | 3 |
| 15H41A0417 | R13205 | C PROGRAMMING | 27 | 39 | 3 |
| 15H41A0417 | R13210 | ENGG. MECHANICS | 22 | 41 | 3 |
| 15H41A0417 | R13211 | NETWORK ANALYSIS | 24 | 50 | 3 |
| 15H41A0417 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0417 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 45 | 2 |
| 15H41A0417 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0418 | R13201 | ENGLISH-II | 22 | 36 | 3 |
| 15H41A0418 | R13202 | MATHEMATICS-III | 23 | 56 | 3 |
| 15H41A0418 | R13204 | ENGG. CHEMISTRY | 25 | 12 | 0 |
| 15H41A0418 | R13205 | C PROGRAMMING | 22 | 24 | 3 |
| 15H41A0418 | R13210 | ENGG. MECHANICS | 21 | 14 | 0 |
| 15H41A0418 | R13211 | NETWORK ANALYSIS | 24 | 24 | 3 |
| 15H41A0418 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 43 | 2 |
| 15H41A0418 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0418 | R13218 | C PROGRAMMING LAB | 15 | 41 | 2 |
| 15H41A0419 | R13201 | ENGLISH-II | 16 | 18 | 0 |
| 15H41A0419 | R13202 | MATHEMATICS-III | 16 | 10 | 0 |
| 15H41A0419 | R13204 | ENGG. CHEMISTRY | 21 | 10 | 0 |
| 15H41A0419 | R13205 | C PROGRAMMING | 19 | 24 | 3 |
| 15H41A0419 | R13210 | ENGG. MECHANICS | 14 | 2 | 0 |
| 15H41A0419 | R13211 | NETWORK ANALYSIS | 17 | 34 | 3 |
| 15H41A0419 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 41 | 2 |
| 15H41A0419 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 38 | 2 |
| 15H41A0419 | R13218 | C PROGRAMMING LAB | 15 | 40 | 2 |
| 15H41A0420 | R13201 | ENGLISH-II | 19 | 48 | 3 |
| 15H41A0420 | R13202 | MATHEMATICS-III | 16 | 6 | 0 |
| 15H41A0420 | R13204 | ENGG. CHEMISTRY | 16 | 7 | 0 |
| 15H41A0420 | R13205 | C PROGRAMMING | 20 | 0 | 0 |
| 15H41A0420 | R13210 | ENGG. MECHANICS | 12 | 12 | 0 |
| 15H41A0420 | R13211 | NETWORK ANALYSIS | 13 | 4 | 0 |
| 15H41A0420 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | -1 | 0 |
| 15H41A0420 | R13217 | ENGINEERING CHEMISTRY LAB | 21 | -1 | 0 |
| 15H41A0420 | R13218 | C PROGRAMMING LAB | 15 | 45 | 2 |
| 15H41A0421 | R13201 | ENGLISH-II | 22 | 37 | 3 |
| 15H41A0421 | R13202 | MATHEMATICS-III | 30 | 49 | 3 |
| 15H41A0421 | R13204 | ENGG. CHEMISTRY | 27 | 37 | 3 |
| 15H41A0421 | R13205 | C PROGRAMMING | 29 | 26 | 3 |
| 15H41A0421 | R13210 | ENGG. MECHANICS | 23 | 29 | 3 |
| 15H41A0421 | R13211 | NETWORK ANALYSIS | 23 | 49 | 3 |
| 15H41A0421 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0421 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 45 | 2 |
| 15H41A0421 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0422 | R13201 | ENGLISH-II | 25 | 44 | 3 |
| 15H41A0422 | R13202 | MATHEMATICS-III | 19 | 27 | 3 |
| 15H41A0422 | R13204 | ENGG. CHEMISTRY | 19 | 10 | 0 |
| 15H41A0422 | R13205 | C PROGRAMMING | 25 | 15 | 0 |
| 15H41A0422 | R13210 | ENGG. MECHANICS | 17 | 24 | 3 |
| 15H41A0422 | R13211 | NETWORK ANALYSIS | 14 | 9 | 0 |
| 15H41A0422 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 49 | 2 |
| 15H41A0422 | R13217 | ENGINEERING CHEMISTRY LAB | 20 | 38 | 2 |
| 15H41A0422 | R13218 | C PROGRAMMING LAB | 15 | 41 | 2 |
| 15H41A0423 | R13201 | ENGLISH-II | 20 | 27 | 3 |
| 15H41A0423 | R13202 | MATHEMATICS-III | 24 | 30 | 3 |
| 15H41A0423 | R13204 | ENGG. CHEMISTRY | 22 | 24 | 3 |
| 15H41A0423 | R13205 | C PROGRAMMING | 25 | 24 | 3 |
| 15H41A0423 | R13210 | ENGG. MECHANICS | 17 | 31 | 3 |
| 15H41A0423 | R13211 | NETWORK ANALYSIS | 19 | 67 | 3 |
| 15H41A0423 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 44 | 2 |
| 15H41A0423 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0423 | R13218 | C PROGRAMMING LAB | 23 | 48 | 2 |
| 15H41A0424 | R13201 | ENGLISH-II | 25 | 45 | 3 |
| 15H41A0424 | R13202 | MATHEMATICS-III | 29 | 51 | 3 |
| 15H41A0424 | R13204 | ENGG. CHEMISTRY | 26 | 29 | 3 |
| 15H41A0424 | R13205 | C PROGRAMMING | 23 | 32 | 3 |
| 15H41A0424 | R13210 | ENGG. MECHANICS | 23 | 34 | 3 |
| 15H41A0424 | R13211 | NETWORK ANALYSIS | 27 | 37 | 3 |
| 15H41A0424 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0424 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 49 | 2 |
| 15H41A0424 | R13218 | C PROGRAMMING LAB | 23 | 50 | 2 |
| 15H41A0425 | R13201 | ENGLISH-II | 29 | 48 | 3 |
| 15H41A0425 | R13202 | MATHEMATICS-III | 30 | 55 | 3 |
| 15H41A0425 | R13204 | ENGG. CHEMISTRY | 29 | 52 | 3 |
| 15H41A0425 | R13205 | C PROGRAMMING | 27 | 36 | 3 |
| 15H41A0425 | R13210 | ENGG. MECHANICS | 28 | 55 | 3 |
| 15H41A0425 | R13211 | NETWORK ANALYSIS | 26 | 48 | 3 |
| 15H41A0425 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0425 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 49 | 2 |
| 15H41A0425 | R13218 | C PROGRAMMING LAB | 23 | 48 | 2 |
| 15H41A0426 | R13201 | ENGLISH-II | 25 | 50 | 3 |
| 15H41A0426 | R13202 | MATHEMATICS-III | 29 | 49 | 3 |
| 15H41A0426 | R13204 | ENGG. CHEMISTRY | 22 | 26 | 3 |
| 15H41A0426 | R13205 | C PROGRAMMING | 21 | 30 | 3 |
| 15H41A0426 | R13210 | ENGG. MECHANICS | 20 | 30 | 3 |
| 15H41A0426 | R13211 | NETWORK ANALYSIS | 25 | 33 | 3 |
| 15H41A0426 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0426 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 49 | 2 |
| 15H41A0426 | R13218 | C PROGRAMMING LAB | 22 | 50 | 2 |
| 15H41A0427 | R13201 | ENGLISH-II | 20 | 31 | 3 |
| 15H41A0427 | R13202 | MATHEMATICS-III | 29 | 41 | 3 |
| 15H41A0427 | R13204 | ENGG. CHEMISTRY | 21 | 14 | 0 |
| 15H41A0427 | R13205 | C PROGRAMMING | 21 | 24 | 3 |
| 15H41A0427 | R13210 | ENGG. MECHANICS | 20 | 44 | 3 |
| 15H41A0427 | R13211 | NETWORK ANALYSIS | 20 | 29 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0427 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 44 | 2 |
| 15H41A0427 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0427 | R13218 | C PROGRAMMING LAB | 23 | 40 | 2 |
| 15H41A0428 | R13201 | ENGLISH-II | 23 | 46 | 3 |
| 15H41A0428 | R13202 | MATHEMATICS-III | 24 | 0 | 0 |
| 15H41A0428 | R13204 | ENGG. CHEMISTRY | 18 | 29 | 3 |
| 15H41A0428 | R13205 | C PROGRAMMING | 24 | 10 | 0 |
| 15H41A0428 | R13210 | ENGG. MECHANICS | 18 | 24 | 3 |
| 15H41A0428 | R13211 | NETWORK ANALYSIS | 17 | 1 | 0 |
| 15H41A0428 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0428 | R13217 | ENGINEERING CHEMISTRY LAB | 21 | 48 | 2 |
| 15H41A0428 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0429 | R13201 | ENGLISH-II | 27 | 42 | 3 |
| 15H41A0429 | R13202 | MATHEMATICS-III | 30 | 61 | 3 |
| 15H41A0429 | R13204 | ENGG. CHEMISTRY | 27 | 48 | 3 |
| 15H41A0429 | R13205 | C PROGRAMMING | 28 | 29 | 3 |
| 15H41A0429 | R13210 | ENGG. MECHANICS | 24 | 37 | 3 |
| 15H41A0429 | R13211 | NETWORK ANALYSIS | 27 | 50 | 3 |
| 15H41A0429 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0429 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 48 | 2 |
| 15H41A0429 | R13218 | C PROGRAMMING LAB | 25 | 46 | 2 |
| 15H41A0430 | R13201 | ENGLISH-II | 14 | 32 | 3 |
| 15H41A0430 | R13202 | MATHEMATICS-III | 16 | 7 | 0 |
| 15H41A0430 | R13204 | ENGG. CHEMISTRY | 16 | 1 | 0 |
| 15H41A0430 | R13205 | C PROGRAMMING | 16 | 7 | 0 |
| 15H41A0430 | R13210 | ENGG. MECHANICS | 12 | 0 | 0 |
| 15H41A0430 | R13211 | NETWORK ANALYSIS | 12 | 3 | 0 |
| 15H41A0430 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 42 | 2 |
| 15H41A0430 | R13217 | ENGINEERING CHEMISTRY LAB | 18 | 38 | 2 |
| 15H41A0430 | R13218 | C PROGRAMMING LAB | 21 | 39 | 2 |
| 15H41A0431 | R13201 | ENGLISH-II | 27 | 44 | 3 |
| 15H41A0431 | R13202 | MATHEMATICS-III | 30 | 65 | 3 |
| 15H41A0431 | R13204 | ENGG. CHEMISTRY | 26 | 43 | 3 |
| 15H41A0431 | R13205 | C PROGRAMMING | 27 | 41 | 3 |
| 15H41A0431 | R13210 | ENGG. MECHANICS | 27 | 59 | 3 |
| 15H41A0431 | R13211 | NETWORK ANALYSIS | 28 | 47 | 3 |
| 15H41A0431 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0431 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0431 | R13218 | C PROGRAMMING LAB | 22 | 50 | 2 |
| 15H41A0432 | R13201 | ENGLISH-II | 21 | 27 | 3 |
| 15H41A0432 | R13202 | MATHEMATICS-III | 22 | 11 | 0 |
| 15H41A0432 | R13204 | ENGG. CHEMISTRY | 24 | 14 | 0 |
| 15H41A0432 | R13205 | C PROGRAMMING | 20 | 24 | 3 |
| 15H41A0432 | R13210 | ENGG. MECHANICS | 16 | 10 | 0 |
| 15H41A0432 | R13211 | NETWORK ANALYSIS | 16 | 6 | 0 |
| 15H41A0432 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 42 | 2 |
| 15H41A0432 | R13217 | ENGINEERING CHEMISTRY LAB | 21 | 40 | 2 |
| 15H41A0432 | R13218 | C PROGRAMMING LAB | 19 | 46 | 2 |
| 15H41A0433 | R13201 | ENGLISH-II | 30 | 42 | 3 |
| 15H41A0433 | R13202 | MATHEMATICS-III | 30 | 64 | 3 |
| 15H41A0433 | R13204 | ENGG. CHEMISTRY | 28 | 42 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0433 | R13205 | C PROGRAMMING | 28 | 27 | 3 |
| 15H41A0433 | R13210 | ENGG. MECHANICS | 26 | 47 | 3 |
| 15H41A0433 | R13211 | NETWORK ANALYSIS | 29 | 44 | 3 |
| 15H41A0433 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0433 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 47 | 2 |
| 15H41A0433 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0434 | R13201 | ENGLISH-II | 28 | 59 | 3 |
| 15H41A0434 | R13202 | MATHEMATICS-III | 29 | 65 | 3 |
| 15H41A0434 | R13204 | ENGG. CHEMISTRY | 29 | 60 | 3 |
| 15H41A0434 | R13205 | C PROGRAMMING | 28 | 33 | 3 |
| 15H41A0434 | R13210 | ENGG. MECHANICS | 29 | 56 | 3 |
| 15H41A0434 | R13211 | NETWORK ANALYSIS | 27 | 36 | 3 |
| 15H41A0434 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0434 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0434 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0435 | R13201 | ENGLISH-II | 23 | 24 | 3 |
| 15H41A0435 | R13202 | MATHEMATICS-III | 16 | 9 | 0 |
| 15H41A0435 | R13204 | ENGG. CHEMISTRY | 19 | 18 | 0 |
| 15H41A0435 | R13205 | C PROGRAMMING | 21 | 12 | 0 |
| 15H41A0435 | R13210 | ENGG. MECHANICS | 14 | 6 | 0 |
| 15H41A0435 | R13211 | NETWORK ANALYSIS | 10 | 5 | 0 |
| 15H41A0435 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 45 | 2 |
| 15H41A0435 | R13217 | ENGINEERING CHEMISTRY LAB | 19 | 36 | 2 |
| 15H41A0435 | R13218 | C PROGRAMMING LAB | 17 | 35 | 2 |
| 15H41A0436 | R13201 | ENGLISH-II | 23 | 46 | 3 |
| 15H41A0436 | R13202 | MATHEMATICS-III | 21 | 38 | 3 |
| 15H41A0436 | R13204 | ENGG. CHEMISTRY | 21 | 29 | 3 |
| 15H41A0436 | R13205 | C PROGRAMMING | 24 | 28 | 3 |
| 15H41A0436 | R13210 | ENGG. MECHANICS | 20 | 34 | 3 |
| 15H41A0436 | R13211 | NETWORK ANALYSIS | 21 | 37 | 3 |
| 15H41A0436 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 44 | 2 |
| 15H41A0436 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 42 | 2 |
| 15H41A0436 | R13218 | C PROGRAMMING LAB | 20 | 48 | 2 |
| 15H41A0437 | R13201 | ENGLISH-II | 29 | 45 | 3 |
| 15H41A0437 | R13202 | MATHEMATICS-III | 29 | 58 | 3 |
| 15H41A0437 | R13204 | ENGG. CHEMISTRY | 27 | 48 | 3 |
| 15H41A0437 | R13205 | C PROGRAMMING | 28 | 30 | 3 |
| 15H41A0437 | R13210 | ENGG. MECHANICS | 28 | 46 | 3 |
| 15H41A0437 | R13211 | NETWORK ANALYSIS | 28 | 46 | 3 |
| 15H41A0437 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0437 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0437 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0438 | R13201 | ENGLISH-II | 25 | 56 | 3 |
| 15H41A0438 | R13202 | MATHEMATICS-III | 29 | 58 | 3 |
| 15H41A0438 | R13204 | ENGG. CHEMISTRY | 29 | 27 | 3 |
| 15H41A0438 | R13205 | C PROGRAMMING | 24 | 33 | 3 |
| 15H41A0438 | R13210 | ENGG. MECHANICS | 25 | 45 | 3 |
| 15H41A0438 | R13211 | NETWORK ANALYSIS | 25 | 33 | 3 |
| 15H41A0438 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0438 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0438 | R13218 | C PROGRAMMING LAB | 24 | 49 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0439 | R13201 | ENGLISH-II | 22 | 27 | 3 |
| 15H41A0439 | R13202 | MATHEMATICS-III | 29 | 25 | 3 |
| 15H41A0439 | R13204 | ENGG. CHEMISTRY | 21 | 33 | 3 |
| 15H41A0439 | R13205 | C PROGRAMMING | 25 | 24 | 3 |
| 15H41A0439 | R13210 | ENGG. MECHANICS | 19 | 24 | 3 |
| 15H41A0439 | R13211 | NETWORK ANALYSIS | 22 | 40 | 3 |
| 15H41A0439 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 44 | 2 |
| 15H41A0439 | R13217 | ENGINEERING CHEMISTRY LAB | 21 | 44 | 2 |
| 15H41A0439 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0440 | R13201 | ENGLISH-II | 19 | 31 | 3 |
| 15H41A0440 | R13202 | MATHEMATICS-III | 17 | 10 | 0 |
| 15H41A0440 | R13204 | ENGG. CHEMISTRY | 18 | 7 | 0 |
| 15H41A0440 | R13205 | C PROGRAMMING | 21 | 0 | 0 |
| 15H41A0440 | R13210 | ENGG. MECHANICS | 11 | 5 | 0 |
| 15H41A0440 | R13211 | NETWORK ANALYSIS | 9 | 3 | 0 |
| 15H41A0440 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 20 | 44 | 2 |
| 15H41A0440 | R13217 | ENGINEERING CHEMISTRY LAB | 19 | 35 | 2 |
| 15H41A0440 | R13218 | C PROGRAMMING LAB | 18 | 40 | 2 |
| 15H41A0441 | R13201 | ENGLISH-II | 26 | 42 | 3 |
| 15H41A0441 | R13202 | MATHEMATICS-III | 23 | 47 | 3 |
| 15H41A0441 | R13204 | ENGG. CHEMISTRY | 27 | 39 | 3 |
| 15H41A0441 | R13205 | C PROGRAMMING | 27 | 32 | 3 |
| 15H41A0441 | R13210 | ENGG. MECHANICS | 23 | 42 | 3 |
| 15H41A0441 | R13211 | NETWORK ANALYSIS | 27 | 48 | 3 |
| 15H41A0441 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 44 | 2 |
| 15H41A0441 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0441 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0442 | R13201 | ENGLISH-II | 24 | 53 | 3 |
| 15H41A0442 | R13202 | MATHEMATICS-III | 26 | 57 | 3 |
| 15H41A0442 | R13204 | ENGG. CHEMISTRY | 24 | 42 | 3 |
| 15H41A0442 | R13205 | C PROGRAMMING | 27 | 29 | 3 |
| 15H41A0442 | R13210 | ENGG. MECHANICS | 25 | 33 | 3 |
| 15H41A0442 | R13211 | NETWORK ANALYSIS | 27 | 33 | 3 |
| 15H41A0442 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0442 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 49 | 2 |
| 15H41A0442 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0443 | R13201 | ENGLISH-II | 25 | 36 | 3 |
| 15H41A0443 | R13202 | MATHEMATICS-III | 29 | 59 | 3 |
| 15H41A0443 | R13204 | ENGG. CHEMISTRY | 26 | 27 | 3 |
| 15H41A0443 | R13205 | C PROGRAMMING | 26 | 26 | 3 |
| 15H41A0443 | R13210 | ENGG. MECHANICS | 25 | 40 | 3 |
| 15H41A0443 | R13211 | NETWORK ANALYSIS | 27 | 54 | 3 |
| 15H41A0443 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0443 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0443 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0444 | R13201 | ENGLISH-II | 20 | 30 | 3 |
| 15H41A0444 | R13202 | MATHEMATICS-III | 18 | 9 | 0 |
| 15H41A0444 | R13204 | ENGG. CHEMISTRY | 16 | 9 | 0 |
| 15H41A0444 | R13205 | C PROGRAMMING | 18 | 0 | 0 |
| 15H41A0444 | R13210 | ENGG. MECHANICS | 17 | 24 | 3 |
| 15H41A0444 | R13211 | NETWORK ANALYSIS | 13 | 5 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0444 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 41 | 2 |
| 15H41A0444 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 45 | 2 |
| 15H41A0444 | R13218 | C PROGRAMMING LAB | 19 | 47 | 2 |
| 15H41A0445 | R13201 | ENGLISH-II | 25 | 43 | 3 |
| 15H41A0445 | R13202 | MATHEMATICS-III | 28 | 59 | 3 |
| 15H41A0445 | R13204 | ENGG. CHEMISTRY | 26 | 46 | 3 |
| 15H41A0445 | R13205 | C PROGRAMMING | 27 | 36 | 3 |
| 15H41A0445 | R13210 | ENGG. MECHANICS | 26 | 55 | 3 |
| 15H41A0445 | R13211 | NETWORK ANALYSIS | 26 | 50 | 3 |
| 15H41A0445 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 49 | 2 |
| 15H41A0445 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 49 | 2 |
| 15H41A0445 | R13218 | C PROGRAMMING LAB | 24 | 49 | 2 |
| 15H41A0446 | R13201 | ENGLISH-II | 25 | 48 | 3 |
| 15H41A0446 | R13202 | MATHEMATICS-III | 26 | 49 | 3 |
| 15H41A0446 | R13204 | ENGG. CHEMISTRY | 22 | 34 | 3 |
| 15H41A0446 | R13205 | C PROGRAMMING | 28 | 29 | 3 |
| 15H41A0446 | R13210 | ENGG. MECHANICS | 21 | 33 | 3 |
| 15H41A0446 | R13211 | NETWORK ANALYSIS | 21 | 33 | 3 |
| 15H41A0446 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0446 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0446 | R13218 | C PROGRAMMING LAB | 21 | 41 | 2 |
| 15H41A0447 | R13201 | ENGLISH-II | 26 | 34 | 3 |
| 15H41A0447 | R13202 | MATHEMATICS-III | 29 | 45 | 3 |
| 15H41A0447 | R13204 | ENGG. CHEMISTRY | 25 | 34 | 3 |
| 15H41A0447 | R13205 | C PROGRAMMING | 30 | 25 | 3 |
| 15H41A0447 | R13210 | ENGG. MECHANICS | 18 | 29 | 3 |
| 15H41A0447 | R13211 | NETWORK ANALYSIS | 19 | 50 | 3 |
| 15H41A0447 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0447 | R13217 | ENGINEERING CHEMISTRY LAB | 22 | 48 | 2 |
| 15H41A0447 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0448 | R13201 | ENGLISH-II | 26 | 60 | 3 |
| 15H41A0448 | R13202 | MATHEMATICS-III | 27 | 48 | 3 |
| 15H41A0448 | R13204 | ENGG. CHEMISTRY | 28 | 38 | 3 |
| 15H41A0448 | R13205 | C PROGRAMMING | 27 | 28 | 3 |
| 15H41A0448 | R13210 | ENGG. MECHANICS | 19 | 36 | 3 |
| 15H41A0448 | R13211 | NETWORK ANALYSIS | 23 | 60 | 3 |
| 15H41A0448 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0448 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0448 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0449 | R13201 | ENGLISH-II | 26 | 40 | 3 |
| 15H41A0449 | R13202 | MATHEMATICS-III | 26 | 43 | 3 |
| 15H41A0449 | R13204 | ENGG. CHEMISTRY | 26 | 44 | 3 |
| 15H41A0449 | R13205 | C PROGRAMMING | 27 | 38 | 3 |
| 15H41A0449 | R13210 | ENGG. MECHANICS | 22 | 39 | 3 |
| 15H41A0449 | R13211 | NETWORK ANALYSIS | 20 | 47 | 3 |
| 15H41A0449 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0449 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 49 | 2 |
| 15H41A0449 | R13218 | C PROGRAMMING LAB | 24 | 49 | 2 |
| 15H41A0450 | R13201 | ENGLISH-II | 24 | 51 | 3 |
| 15H41A0450 | R13202 | MATHEMATICS-III | 29 | 51 | 3 |
| 15H41A0450 | R13204 | ENGG. CHEMISTRY | 25 | 38 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0450 | R13205 | C PROGRAMMING | 25 | 24 | 3 |
| 15H41A0450 | R13210 | ENGG. MECHANICS | 23 | 38 | 3 |
| 15H41A0450 | R13211 | NETWORK ANALYSIS | 19 | 33 | 3 |
| 15H41A0450 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0450 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0450 | R13218 | C PROGRAMMING LAB | 23 | 30 | 2 |
| 15H41A0451 | R13201 | ENGLISH-II | 27 | 37 | 3 |
| 15H41A0451 | R13202 | MATHEMATICS-III | 30 | 57 | 3 |
| 15H41A0451 | R13204 | ENGG. CHEMISTRY | 26 | 36 | 3 |
| 15H41A0451 | R13205 | C PROGRAMMING | 26 | 25 | 3 |
| 15H41A0451 | R13210 | ENGG. MECHANICS | 26 | 42 | 3 |
| 15H41A0451 | R13211 | NETWORK ANALYSIS | 25 | 40 | 3 |
| 15H41A0451 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 45 | 2 |
| 15H41A0451 | R13217 | ENGINEERING CHEMISTRY LAB | 21 | 48 | 2 |
| 15H41A0451 | R13218 | C PROGRAMMING LAB | 22 | 48 | 2 |
| 15H41A0452 | R13201 | ENGLISH-II | 28 | 58 | 3 |
| 15H41A0452 | R13202 | MATHEMATICS-III | 30 | 53 | 3 |
| 15H41A0452 | R13204 | ENGG. CHEMISTRY | 29 | 35 | 3 |
| 15H41A0452 | R13205 | C PROGRAMMING | 27 | 39 | 3 |
| 15H41A0452 | R13210 | ENGG. MECHANICS | 24 | 49 | 3 |
| 15H41A0452 | R13211 | NETWORK ANALYSIS | 28 | 52 | 3 |
| 15H41A0452 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0452 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0452 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0453 | R13201 | ENGLISH-II | 28 | 40 | 3 |
| 15H41A0453 | R13202 | MATHEMATICS-III | 16 | 16 | 0 |
| 15H41A0453 | R13204 | ENGG. CHEMISTRY | 23 | 2 | 0 |
| 15H41A0453 | R13205 | C PROGRAMMING | 27 | 26 | 3 |
| 15H41A0453 | R13210 | ENGG. MECHANICS | 16 | 8 | 0 |
| 15H41A0453 | R13211 | NETWORK ANALYSIS | 18 | 13 | 0 |
| 15H41A0453 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 41 | 2 |
| 15H41A0453 | R13217 | ENGINEERING CHEMISTRY LAB | 21 | 44 | 2 |
| 15H41A0453 | R13218 | C PROGRAMMING LAB | 24 | 49 | 2 |
| 15H41A0454 | R13201 | ENGLISH-II | 23 | 53 | 3 |
| 15H41A0454 | R13202 | MATHEMATICS-III | 24 | 51 | 3 |
| 15H41A0454 | R13204 | ENGG. CHEMISTRY | 26 | 27 | 3 |
| 15H41A0454 | R13205 | C PROGRAMMING | 27 | 28 | 3 |
| 15H41A0454 | R13210 | ENGG. MECHANICS | 20 | 30 | 3 |
| 15H41A0454 | R13211 | NETWORK ANALYSIS | 23 | 34 | 3 |
| 15H41A0454 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 43 | 2 |
| 15H41A0454 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 48 | 2 |
| 15H41A0454 | R13218 | C PROGRAMMING LAB | 24 | 50 | 2 |
| 15H41A0455 | R13201 | ENGLISH-II | 20 | 24 | 3 |
| 15H41A0455 | R13202 | MATHEMATICS-III | 22 | 4 | 0 |
| 15H41A0455 | R13204 | ENGG. CHEMISTRY | 17 | 24 | 3 |
| 15H41A0455 | R13205 | C PROGRAMMING | 13 | 18 | 0 |
| 15H41A0455 | R13210 | ENGG. MECHANICS | 10 | 5 | 0 |
| 15H41A0455 | R13211 | NETWORK ANALYSIS | 11 | 10 | 0 |
| 15H41A0455 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 45 | 2 |
| 15H41A0455 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 46 | 2 |
| 15H41A0455 | R13218 | C PROGRAMMING LAB | 23 | 40 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0456 | R13201 | ENGLISH-II | 18 | 25 | 3 |
| 15H41A0456 | R13202 | MATHEMATICS-III | 25 | 17 | 0 |
| 15H41A0456 | R13204 | ENGG. CHEMISTRY | 24 | 13 | 0 |
| 15H41A0456 | R13205 | C PROGRAMMING | 22 | 8 | 0 |
| 15H41A0456 | R13210 | ENGG. MECHANICS | 20 | 14 | 0 |
| 15H41A0456 | R13211 | NETWORK ANALYSIS | 12 | 11 | 0 |
| 15H41A0456 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0456 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 47 | 2 |
| 15H41A0456 | R13218 | C PROGRAMMING LAB | 21 | 48 | 2 |
| 15H41A0457 | R13201 | ENGLISH-II | 26 | 46 | 3 |
| 15H41A0457 | R13202 | MATHEMATICS-III | 28 | 49 | 3 |
| 15H41A0457 | R13204 | ENGG. CHEMISTRY | 27 | 40 | 3 |
| 15H41A0457 | R13205 | C PROGRAMMING | 28 | 31 | 3 |
| 15H41A0457 | R13210 | ENGG. MECHANICS | 29 | 47 | 3 |
| 15H41A0457 | R13211 | NETWORK ANALYSIS | 21 | 40 | 3 |
| 15H41A0457 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A0457 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0457 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0458 | R13201 | ENGLISH-II | 25 | 42 | 3 |
| 15H41A0458 | R13202 | MATHEMATICS-III | 26 | 33 | 3 |
| 15H41A0458 | R13204 | ENGG. CHEMISTRY | 22 | 24 | 3 |
| 15H41A0458 | R13205 | C PROGRAMMING | 28 | 11 | 0 |
| 15H41A0458 | R13210 | ENGG. MECHANICS | 23 | 29 | 3 |
| 15H41A0458 | R13211 | NETWORK ANALYSIS | 16 | 24 | 3 |
| 15H41A0458 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0458 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0458 | R13218 | C PROGRAMMING LAB | 20 | 48 | 2 |
| 15H41A0459 | R13201 | ENGLISH-II | 24 | 43 | 3 |
| 15H41A0459 | R13202 | MATHEMATICS-III | 24 | 28 | 3 |
| 15H41A0459 | R13204 | ENGG. CHEMISTRY | 21 | 33 | 3 |
| 15H41A0459 | R13205 | C PROGRAMMING | 26 | 29 | 3 |
| 15H41A0459 | R13210 | ENGG. MECHANICS | 24 | 31 | 3 |
| 15H41A0459 | R13211 | NETWORK ANALYSIS | 13 | 51 | 3 |
| 15H41A0459 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0459 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 47 | 2 |
| 15H41A0459 | R13218 | C PROGRAMMING LAB | 22 | 50 | 2 |
| 15H41A0460 | R13201 | ENGLISH-II | 25 | 43 | 3 |
| 15H41A0460 | R13202 | MATHEMATICS-III | 27 | 31 | 3 |
| 15H41A0460 | R13204 | ENGG. CHEMISTRY | 27 | 31 | 3 |
| 15H41A0460 | R13205 | C PROGRAMMING | 27 | 24 | 3 |
| 15H41A0460 | R13210 | ENGG. MECHANICS | 19 | 11 | 0 |
| 15H41A0460 | R13211 | NETWORK ANALYSIS | 18 | 28 | 3 |
| 15H41A0460 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0460 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0460 | R13218 | C PROGRAMMING LAB | 22 | 46 | 2 |
| 15H41A0461 | R13201 | ENGLISH-II | 28 | 46 | 3 |
| 15H41A0461 | R13202 | MATHEMATICS-III | 29 | 37 | 3 |
| 15H41A0461 | R13204 | ENGG. CHEMISTRY | 27 | 47 | 3 |
| 15H41A0461 | R13205 | C PROGRAMMING | 27 | 30 | 3 |
| 15H41A0461 | R13210 | ENGG. MECHANICS | 29 | 56 | 3 |
| 15H41A0461 | R13211 | NETWORK ANALYSIS | 26 | 50 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0461 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0461 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0461 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0462 | R13201 | ENGLISH-II | 23 | 43 | 3 |
| 15H41A0462 | R13202 | MATHEMATICS-III | 26 | 24 | 3 |
| 15H41A0462 | R13204 | ENGG. CHEMISTRY | 24 | 24 | 3 |
| 15H41A0462 | R13205 | C PROGRAMMING | 25 | 26 | 3 |
| 15H41A0462 | R13210 | ENGG. MECHANICS | 22 | 34 | 3 |
| 15H41A0462 | R13211 | NETWORK ANALYSIS | 16 | 24 | 3 |
| 15H41A0462 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 47 | 2 |
| 15H41A0462 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0462 | R13218 | C PROGRAMMING LAB | 22 | 50 | 2 |
| 15H41A0463 | R13201 | ENGLISH-II | 22 | 14 | 0 |
| 15H41A0463 | R13202 | MATHEMATICS-III | 19 | 3 | 0 |
| 15H41A0463 | R13204 | ENGG. CHEMISTRY | 17 | 13 | 0 |
| 15H41A0463 | R13205 | C PROGRAMMING | 21 | 8 | 0 |
| 15H41A0463 | R13210 | ENGG. MECHANICS | 12 | 4 | 0 |
| 15H41A0463 | R13211 | NETWORK ANALYSIS | 10 | 8 | 0 |
| 15H41A0463 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | -1 | 0 |
| 15H41A0463 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | -1 | 0 |
| 15H41A0463 | R13218 | C PROGRAMMING LAB | 23 | 47 | 2 |
| 15H41A0464 | R13201 | ENGLISH-II | 24 | 38 | 3 |
| 15H41A0464 | R13202 | MATHEMATICS-III | 18 | 24 | 3 |
| 15H41A0464 | R13204 | ENGG. CHEMISTRY | 20 | 24 | 3 |
| 15H41A0464 | R13205 | C PROGRAMMING | 24 | 12 | 0 |
| 15H41A0464 | R13210 | ENGG. MECHANICS | 15 | 5 | 0 |
| 15H41A0464 | R13211 | NETWORK ANALYSIS | 11 | 8 | 0 |
| 15H41A0464 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0464 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 46 | 2 |
| 15H41A0464 | R13218 | C PROGRAMMING LAB | 23 | 41 | 2 |
| 15H41A0465 | R13201 | ENGLISH-II | 23 | 38 | 3 |
| 15H41A0465 | R13202 | MATHEMATICS-III | 27 | 40 | 3 |
| 15H41A0465 | R13204 | ENGG. CHEMISTRY | 23 | 29 | 3 |
| 15H41A0465 | R13205 | C PROGRAMMING | 29 | 30 | 3 |
| 15H41A0465 | R13210 | ENGG. MECHANICS | 26 | 24 | 3 |
| 15H41A0465 | R13211 | NETWORK ANALYSIS | 16 | 37 | 3 |
| 15H41A0465 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 47 | 2 |
| 15H41A0465 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0465 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0466 | R13201 | ENGLISH-II | 18 | 44 | 3 |
| 15H41A0466 | R13202 | MATHEMATICS-III | 26 | 34 | 3 |
| 15H41A0466 | R13204 | ENGG. CHEMISTRY | 20 | 11 | 0 |
| 15H41A0466 | R13205 | C PROGRAMMING | 20 | 10 | 0 |
| 15H41A0466 | R13210 | ENGG. MECHANICS | 23 | 24 | 3 |
| 15H41A0466 | R13211 | NETWORK ANALYSIS | 11 | 33 | 3 |
| 15H41A0466 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 45 | 2 |
| 15H41A0466 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 48 | 2 |
| 15H41A0466 | R13218 | C PROGRAMMING LAB | 20 | 45 | 2 |
| 15H41A0467 | R13201 | ENGLISH-II | 19 | 24 | 3 |
| 15H41A0467 | R13202 | MATHEMATICS-III | 22 | 16 | 0 |
| 15H41A0467 | R13204 | ENGG. CHEMISTRY | 22 | 24 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0467 | R13205 | C PROGRAMMING | 19 | 24 | 3 |
| 15H41A0467 | R13210 | ENGG. MECHANICS | 21 | 27 | 3 |
| 15H41A0467 | R13211 | NETWORK ANALYSIS | 14 | 39 | 3 |
| 15H41A0467 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 45 | 2 |
| 15H41A0467 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0467 | R13218 | C PROGRAMMING LAB | 21 | 49 | 2 |
| 15H41A0468 | R13201 | ENGLISH-II | 22 | 33 | 3 |
| 15H41A0468 | R13202 | MATHEMATICS-III | 18 | 4 | 0 |
| 15H41A0468 | R13204 | ENGG. CHEMISTRY | 16 | 15 | 0 |
| 15H41A0468 | R13205 | C PROGRAMMING | 17 | 5 | 0 |
| 15H41A0468 | R13210 | ENGG. MECHANICS | 13 | 0 | 0 |
| 15H41A0468 | R13211 | NETWORK ANALYSIS | 12 | 0 | 0 |
| 15H41A0468 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 45 | 2 |
| 15H41A0468 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | -1 | 0 |
| 15H41A0468 | R13218 | C PROGRAMMING LAB | 24 | 41 | 2 |
| 15H41A0469 | R13201 | ENGLISH-II | 19 | 39 | 3 |
| 15H41A0469 | R13202 | MATHEMATICS-III | 23 | 8 | 0 |
| 15H41A0469 | R13204 | ENGG. CHEMISTRY | 18 | 2 | 0 |
| 15H41A0469 | R13205 | C PROGRAMMING | 19 | 5 | 0 |
| 15H41A0469 | R13210 | ENGG. MECHANICS | 10 | 2 | 0 |
| 15H41A0469 | R13211 | NETWORK ANALYSIS | 11 | 10 | 0 |
| 15H41A0469 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 44 | 2 |
| 15H41A0469 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 46 | 2 |
| 15H41A0469 | R13218 | C PROGRAMMING LAB | 20 | 47 | 2 |
| 15H41A0470 | R13201 | ENGLISH-II | 29 | 52 | 3 |
| 15H41A0470 | R13202 | MATHEMATICS-III | 26 | 42 | 3 |
| 15H41A0470 | R13204 | ENGG. CHEMISTRY | 27 | 32 | 3 |
| 15H41A0470 | R13205 | C PROGRAMMING | 29 | 14 | 0 |
| 15H41A0470 | R13210 | ENGG. MECHANICS | 29 | 44 | 3 |
| 15H41A0470 | R13211 | NETWORK ANALYSIS | 23 | 24 | 3 |
| 15H41A0470 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A0470 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0470 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0471 | R13201 | ENGLISH-II | 27 | 29 | 3 |
| 15H41A0471 | R13202 | MATHEMATICS-III | 25 | 27 | 3 |
| 15H41A0471 | R13204 | ENGG. CHEMISTRY | 23 | 34 | 3 |
| 15H41A0471 | R13205 | C PROGRAMMING | 25 | 24 | 3 |
| 15H41A0471 | R13210 | ENGG. MECHANICS | 26 | 24 | 3 |
| 15H41A0471 | R13211 | NETWORK ANALYSIS | 18 | 49 | 3 |
| 15H41A0471 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0471 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0471 | R13218 | C PROGRAMMING LAB | 23 | 48 | 2 |
| 15H41A0472 | R13201 | ENGLISH-II | 25 | 45 | 3 |
| 15H41A0472 | R13202 | MATHEMATICS-III | 23 | 14 | 0 |
| 15H41A0472 | R13204 | ENGG. CHEMISTRY | 26 | 31 | 3 |
| 15H41A0472 | R13205 | C PROGRAMMING | 25 | 11 | 0 |
| 15H41A0472 | R13210 | ENGG. MECHANICS | 18 | 10 | 0 |
| 15H41A0472 | R13211 | NETWORK ANALYSIS | 16 | 36 | 3 |
| 15H41A0472 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0472 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0472 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0473 | R13201 | ENGLISH-II | 29 | 51 | 3 |
| 15H41A0473 | R13202 | MATHEMATICS-III | 26 | 51 | 3 |
| 15H41A0473 | R13204 | ENGG. CHEMISTRY | 24 | 39 | 3 |
| 15H41A0473 | R13205 | C PROGRAMMING | 28 | 29 | 3 |
| 15H41A0473 | R13210 | ENGG. MECHANICS | 29 | 24 | 3 |
| 15H41A0473 | R13211 | NETWORK ANALYSIS | 24 | 61 | 3 |
| 15H41A0473 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 47 | 2 |
| 15H41A0473 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0473 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0474 | R13201 | ENGLISH-II | 23 | 50 | 3 |
| 15H41A0474 | R13202 | MATHEMATICS-III | 25 | 33 | 3 |
| 15H41A0474 | R13204 | ENGG. CHEMISTRY | 25 | 27 | 3 |
| 15H41A0474 | R13205 | C PROGRAMMING | 23 | 24 | 3 |
| 15H41A0474 | R13210 | ENGG. MECHANICS | 22 | 34 | 3 |
| 15H41A0474 | R13211 | NETWORK ANALYSIS | 18 | 33 | 3 |
| 15H41A0474 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0474 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0474 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0475 | R13201 | ENGLISH-II | 28 | 28 | 3 |
| 15H41A0475 | R13202 | MATHEMATICS-III | 27 | 39 | 3 |
| 15H41A0475 | R13204 | ENGG. CHEMISTRY | 27 | 27 | 3 |
| 15H41A0475 | R13205 | C PROGRAMMING | 29 | 38 | 3 |
| 15H41A0475 | R13210 | ENGG. MECHANICS | 26 | 36 | 3 |
| 15H41A0475 | R13211 | NETWORK ANALYSIS | 20 | 44 | 3 |
| 15H41A0475 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 47 | 2 |
| 15H41A0475 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0475 | R13218 | C PROGRAMMING LAB | 22 | 49 | 2 |
| 15H41A0476 | R13201 | ENGLISH-II | 28 | 39 | 3 |
| 15H41A0476 | R13202 | MATHEMATICS-III | 27 | 49 | 3 |
| 15H41A0476 | R13204 | ENGG. CHEMISTRY | 30 | 28 | 3 |
| 15H41A0476 | R13205 | C PROGRAMMING | 27 | 29 | 3 |
| 15H41A0476 | R13210 | ENGG. MECHANICS | 24 | 24 | 3 |
| 15H41A0476 | R13211 | NETWORK ANALYSIS | 18 | 46 | 3 |
| 15H41A0476 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 45 | 2 |
| 15H41A0476 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0476 | R13218 | C PROGRAMMING LAB | 21 | 50 | 2 |
| 15H41A0477 | R13201 | ENGLISH-II | 25 | 35 | 3 |
| 15H41A0477 | R13202 | MATHEMATICS-III | 27 | 34 | 3 |
| 15H41A0477 | R13204 | ENGG. CHEMISTRY | 28 | 28 | 3 |
| 15H41A0477 | R13205 | C PROGRAMMING | 23 | 26 | 3 |
| 15H41A0477 | R13210 | ENGG. MECHANICS | 25 | 8 | 0 |
| 15H41A0477 | R13211 | NETWORK ANALYSIS | 14 | 12 | 0 |
| 15H41A0477 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 45 | 2 |
| 15H41A0477 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0477 | R13218 | C PROGRAMMING LAB | 24 | 49 | 2 |
| 15H41A0478 | R13201 | ENGLISH-II | 29 | 49 | 3 |
| 15H41A0478 | R13202 | MATHEMATICS-III | 29 | 59 | 3 |
| 15H41A0478 | R13204 | ENGG. CHEMISTRY | 29 | 45 | 3 |
| 15H41A0478 | R13205 | C PROGRAMMING | 28 | 30 | 3 |
| 15H41A0478 | R13210 | ENGG. MECHANICS | 30 | 42 | 3 |
| 15H41A0478 | R13211 | NETWORK ANALYSIS | 29 | 44 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0478 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0478 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0478 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0479 | R13201 | ENGLISH-II | 24 | 33 | 3 |
| 15H41A0479 | R13202 | MATHEMATICS-III | 23 | 53 | 3 |
| 15H41A0479 | R13204 | ENGG. CHEMISTRY | 26 | 32 | 3 |
| 15H41A0479 | R13205 | C PROGRAMMING | 21 | 30 | 3 |
| 15H41A0479 | R13210 | ENGG. MECHANICS | 27 | 31 | 3 |
| 15H41A0479 | R13211 | NETWORK ANALYSIS | 18 | 47 | 3 |
| 15H41A0479 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 47 | 2 |
| 15H41A0479 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 49 | 2 |
| 15H41A0479 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0480 | R13201 | ENGLISH-II | 19 | 40 | 3 |
| 15H41A0480 | R13202 | MATHEMATICS-III | 21 | 39 | 3 |
| 15H41A0480 | R13204 | ENGG. CHEMISTRY | 21 | 24 | 3 |
| 15H41A0480 | R13205 | C PROGRAMMING | 26 | 28 | 3 |
| 15H41A0480 | R13210 | ENGG. MECHANICS | 25 | 8 | 0 |
| 15H41A0480 | R13211 | NETWORK ANALYSIS | 17 | 38 | 3 |
| 15H41A0480 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 45 | 2 |
| 15H41A0480 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0480 | R13218 | C PROGRAMMING LAB | 15 | 48 | 2 |
| 15H41A0481 | R13201 | ENGLISH-II | 12 | 32 | 3 |
| 15H41A0481 | R13202 | MATHEMATICS-III | 16 | 4 | 0 |
| 15H41A0481 | R13204 | ENGG. CHEMISTRY | 16 | 0 | 0 |
| 15H41A0481 | R13205 | C PROGRAMMING | 18 | 4 | 0 |
| 15H41A0481 | R13210 | ENGG. MECHANICS | 7 | 0 | 0 |
| 15H41A0481 | R13211 | NETWORK ANALYSIS | 7 | 4 | 0 |
| 15H41A0481 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A0481 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 47 | 2 |
| 15H41A0481 | R13218 | C PROGRAMMING LAB | 10 | 45 | 2 |
| 15H41A0482 | R13201 | ENGLISH-II | 27 | 47 | 3 |
| 15H41A0482 | R13202 | MATHEMATICS-III | 23 | 16 | 0 |
| 15H41A0482 | R13204 | ENGG. CHEMISTRY | 22 | 9 | 0 |
| 15H41A0482 | R13205 | C PROGRAMMING | 19 | 15 | 0 |
| 15H41A0482 | R13210 | ENGG. MECHANICS | 17 | 10 | 0 |
| 15H41A0482 | R13211 | NETWORK ANALYSIS | 19 | 33 | 3 |
| 15H41A0482 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0482 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 47 | 2 |
| 15H41A0482 | R13218 | C PROGRAMMING LAB | 23 | 44 | 2 |
| 15H41A0483 | R13201 | ENGLISH-II | 24 | 24 | 3 |
| 15H41A0483 | R13202 | MATHEMATICS-III | 25 | 10 | 0 |
| 15H41A0483 | R13204 | ENGG. CHEMISTRY | 19 | 37 | 3 |
| 15H41A0483 | R13205 | C PROGRAMMING | 29 | 24 | 3 |
| 15H41A0483 | R13210 | ENGG. MECHANICS | 22 | 6 | 0 |
| 15H41A0483 | R13211 | NETWORK ANALYSIS | 19 | 49 | 3 |
| 15H41A0483 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0483 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0483 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0484 | R13201 | ENGLISH-II | 26 | 43 | 3 |
| 15H41A0484 | R13202 | MATHEMATICS-III | 24 | 13 | 0 |
| 15H41A0484 | R13204 | ENGG. CHEMISTRY | 22 | 30 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0484 | R13205 | C PROGRAMMING | 25 | 7 | 0 |
| 15H41A0484 | R13210 | ENGG. MECHANICS | 21 | 5 | 0 |
| 15H41A0484 | R13211 | NETWORK ANALYSIS | 16 | 3 | 0 |
| 15H41A0484 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 45 | 2 |
| 15H41A0484 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0484 | R13218 | C PROGRAMMING LAB | 23 | 47 | 2 |
| 15H41A0485 | R13201 | ENGLISH-II | 25 | 39 | 3 |
| 15H41A0485 | R13202 | MATHEMATICS-III | 29 | 42 | 3 |
| 15H41A0485 | R13204 | ENGG. CHEMISTRY | 19 | 41 | 3 |
| 15H41A0485 | R13205 | C PROGRAMMING | 25 | 26 | 3 |
| 15H41A0485 | R13210 | ENGG. MECHANICS | 22 | 46 | 3 |
| 15H41A0485 | R13211 | NETWORK ANALYSIS | 25 | 37 | 3 |
| 15H41A0485 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A0485 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0485 | R13218 | C PROGRAMMING LAB | 23 | 43 | 2 |
| 15H41A0486 | R13201 | ENGLISH-II | 29 | 52 | 3 |
| 15H41A0486 | R13202 | MATHEMATICS-III | 29 | 42 | 3 |
| 15H41A0486 | R13204 | ENGG. CHEMISTRY | 29 | 30 | 3 |
| 15H41A0486 | R13205 | C PROGRAMMING | 28 | 28 | 3 |
| 15H41A0486 | R13210 | ENGG. MECHANICS | 26 | 33 | 3 |
| 15H41A0486 | R13211 | NETWORK ANALYSIS | 26 | 24 | 3 |
| 15H41A0486 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A0486 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0486 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0487 | R13201 | ENGLISH-II | 27 | 29 | 3 |
| 15H41A0487 | R13202 | MATHEMATICS-III | 26 | 56 | 3 |
| 15H41A0487 | R13204 | ENGG. CHEMISTRY | 25 | 27 | 3 |
| 15H41A0487 | R13205 | C PROGRAMMING | 25 | 24 | 3 |
| 15H41A0487 | R13210 | ENGG. MECHANICS | 28 | 34 | 3 |
| 15H41A0487 | R13211 | NETWORK ANALYSIS | 24 | 47 | 3 |
| 15H41A0487 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 47 | 2 |
| 15H41A0487 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0487 | R13218 | C PROGRAMMING LAB | 23 | 45 | 2 |
| 15H41A0488 | R13201 | ENGLISH-II | 30 | 52 | 3 |
| 15H41A0488 | R13202 | MATHEMATICS-III | 29 | 54 | 3 |
| 15H41A0488 | R13204 | ENGG. CHEMISTRY | 29 | 38 | 3 |
| 15H41A0488 | R13205 | C PROGRAMMING | 28 | 34 | 3 |
| 15H41A0488 | R13210 | ENGG. MECHANICS | 30 | 34 | 3 |
| 15H41A0488 | R13211 | NETWORK ANALYSIS | 27 | 55 | 3 |
| 15H41A0488 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0488 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0488 | R13218 | C PROGRAMMING LAB | 24 | 50 | 2 |
| 15H41A0489 | R13201 | ENGLISH-II | 21 | 30 | 3 |
| 15H41A0489 | R13202 | MATHEMATICS-III | 25 | 46 | 3 |
| 15H41A0489 | R13204 | ENGG. CHEMISTRY | 19 | 27 | 3 |
| 15H41A0489 | R13205 | C PROGRAMMING | 21 | 26 | 3 |
| 15H41A0489 | R13210 | ENGG. MECHANICS | 17 | 24 | 3 |
| 15H41A0489 | R13211 | NETWORK ANALYSIS | 21 | 24 | 3 |
| 15H41A0489 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A0489 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 47 | 2 |
| 15H41A0489 | R13218 | C PROGRAMMING LAB | 21 | 45 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0490 | R13201 | ENGLISH-II | 24 | 47 | 3 |
| 15H41A0490 | R13202 | MATHEMATICS-III | 29 | 36 | 3 |
| 15H41A0490 | R13204 | ENGG. CHEMISTRY | 27 | 16 | 0 |
| 15H41A0490 | R13205 | C PROGRAMMING | 24 | 13 | 0 |
| 15H41A0490 | R13210 | ENGG. MECHANICS | 23 | 29 | 3 |
| 15H41A0490 | R13211 | NETWORK ANALYSIS | 21 | 24 | 3 |
| 15H41A0490 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 21 | 47 | 2 |
| 15H41A0490 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0490 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0491 | R13201 | ENGLISH-II | 27 | 39 | 3 |
| 15H41A0491 | R13202 | MATHEMATICS-III | 28 | 39 | 3 |
| 15H41A0491 | R13204 | ENGG. CHEMISTRY | 29 | 32 | 3 |
| 15H41A0491 | R13205 | C PROGRAMMING | 26 | 28 | 3 |
| 15H41A0491 | R13210 | ENGG. MECHANICS | 28 | 38 | 3 |
| 15H41A0491 | R13211 | NETWORK ANALYSIS | 23 | 63 | 3 |
| 15H41A0491 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0491 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0491 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0492 | R13201 | ENGLISH-II | 24 | 36 | 3 |
| 15H41A0492 | R13202 | MATHEMATICS-III | 25 | 0 | 0 |
| 15H41A0492 | R13204 | ENGG. CHEMISTRY | 18 | 29 | 3 |
| 15H41A0492 | R13205 | C PROGRAMMING | 17 | 2 | 0 |
| 15H41A0492 | R13210 | ENGG. MECHANICS | 11 | 7 | 0 |
| 15H41A0492 | R13211 | NETWORK ANALYSIS | 14 | 0 | 0 |
| 15H41A0492 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 47 | 2 |
| 15H41A0492 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 46 | 2 |
| 15H41A0492 | R13218 | C PROGRAMMING LAB | 15 | 43 | 2 |
| 15H41A0493 | R13201 | ENGLISH-II | 30 | 47 | 3 |
| 15H41A0493 | R13202 | MATHEMATICS-III | 30 | 44 | 3 |
| 15H41A0493 | R13204 | ENGG. CHEMISTRY | 30 | 54 | 3 |
| 15H41A0493 | R13205 | C PROGRAMMING | 29 | 26 | 3 |
| 15H41A0493 | R13210 | ENGG. MECHANICS | 30 | 51 | 3 |
| 15H41A0493 | R13211 | NETWORK ANALYSIS | 29 | 54 | 3 |
| 15H41A0493 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0493 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0493 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A0494 | R13201 | ENGLISH-II | 29 | 48 | 3 |
| 15H41A0494 | R13202 | MATHEMATICS-III | 27 | 50 | 3 |
| 15H41A0494 | R13204 | ENGG. CHEMISTRY | 29 | 53 | 3 |
| 15H41A0494 | R13205 | C PROGRAMMING | 25 | 32 | 3 |
| 15H41A0494 | R13210 | ENGG. MECHANICS | 26 | 45 | 3 |
| 15H41A0494 | R13211 | NETWORK ANALYSIS | 21 | 33 | 3 |
| 15H41A0494 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0494 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0494 | R13218 | C PROGRAMMING LAB | 24 | 48 | 2 |
| 15H41A0495 | R13201 | ENGLISH-II | 27 | 24 | 3 |
| 15H41A0495 | R13202 | MATHEMATICS-III | 29 | 5 | 0 |
| 15H41A0495 | R13204 | ENGG. CHEMISTRY | 21 | 30 | 3 |
| 15H41A0495 | R13205 | C PROGRAMMING | 22 | 7 | 0 |
| 15H41A0495 | R13210 | ENGG. MECHANICS | 16 | 30 | 3 |
| 15H41A0495 | R13211 | NETWORK ANALYSIS | 17 | 0 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0495 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 18 | 45 | 2 |
| 15H41A0495 | R13217 | ENGINEERING CHEMISTRY LAB | 23 | 48 | 2 |
| 15H41A0495 | R13218 | C PROGRAMMING LAB | 15 | 41 | 2 |
| 15H41A0496 | R13201 | ENGLISH-II | 25 | 40 | 3 |
| 15H41A0496 | R13202 | MATHEMATICS-III | 27 | 36 | 3 |
| 15H41A0496 | R13204 | ENGG. CHEMISTRY | 24 | 28 | 3 |
| 15H41A0496 | R13205 | C PROGRAMMING | 28 | 24 | 3 |
| 15H41A0496 | R13210 | ENGG. MECHANICS | 24 | 14 | 0 |
| 15H41A0496 | R13211 | NETWORK ANALYSIS | 16 | 36 | 3 |
| 15H41A0496 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0496 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0496 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0497 | R13201 | ENGLISH-II | 22 | 24 | 3 |
| 15H41A0497 | R13202 | MATHEMATICS-III | 25 | 28 | 3 |
| 15H41A0497 | R13204 | ENGG. CHEMISTRY | 27 | 24 | 3 |
| 15H41A0497 | R13205 | C PROGRAMMING | 21 | 25 | 3 |
| 15H41A0497 | R13210 | ENGG. MECHANICS | 23 | 30 | 3 |
| 15H41A0497 | R13211 | NETWORK ANALYSIS | 16 | 28 | 3 |
| 15H41A0497 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0497 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A0497 | R13218 | C PROGRAMMING LAB | 24 | 46 | 2 |
| 15H41A0498 | R13201 | ENGLISH-II | 30 | 53 | 3 |
| 15H41A0498 | R13202 | MATHEMATICS-III | 28 | 44 | 3 |
| 15H41A0498 | R13204 | ENGG. CHEMISTRY | 29 | 46 | 3 |
| 15H41A0498 | R13205 | C PROGRAMMING | 28 | 28 | 3 |
| 15H41A0498 | R13210 | ENGG. MECHANICS | 30 | 40 | 3 |
| 15H41A0498 | R13211 | NETWORK ANALYSIS | 27 | 45 | 3 |
| 15H41A0498 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A0498 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A0498 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0499 | R13201 | ENGLISH-II | 25 | 24 | 3 |
| 15H41A0499 | R13202 | MATHEMATICS-III | 21 | 44 | 3 |
| 15H41A0499 | R13204 | ENGG. CHEMISTRY | 21 | 25 | 3 |
| 15H41A0499 | R13205 | C PROGRAMMING | 27 | 11 | 0 |
| 15H41A0499 | R13210 | ENGG. MECHANICS | 22 | 29 | 3 |
| 15H41A0499 | R13211 | NETWORK ANALYSIS | 24 | 39 | 3 |
| 15H41A0499 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0499 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 48 | 2 |
| 15H41A0499 | R13218 | C PROGRAMMING LAB | 23 | 50 | 2 |
| 15H41A04A0 | R13201 | ENGLISH-II | 23 | 38 | 3 |
| 15H41A04A0 | R13202 | MATHEMATICS-III | 23 | 31 | 3 |
| 15H41A04A0 | R13204 | ENGG. CHEMISTRY | 17 | 29 | 3 |
| 15H41A04A0 | R13205 | C PROGRAMMING | 23 | 0 | 0 |
| 15H41A04A0 | R13210 | ENGG. MECHANICS | 20 | 4 | 0 |
| 15H41A04A0 | R13211 | NETWORK ANALYSIS | 11 | 0 | 0 |
| 15H41A04A0 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 47 | 2 |
| 15H41A04A0 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 46 | 2 |
| 15H41A04A0 | R13218 | C PROGRAMMING LAB | 20 | 48 | 2 |
| 15H41A04A1 | R13201 | ENGLISH-II | 27 | 48 | 3 |
| 15H41A04A1 | R13202 | MATHEMATICS-III | 24 | 41 | 3 |
| 15H41A04A1 | R13204 | ENGG. CHEMISTRY | 21 | 37 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A04A1 | R13205 | C PROGRAMMING | 25 | 26 | 3 |
| 15H41A04A1 | R13210 | ENGG. MECHANICS | 23 | 30 | 3 |
| 15H41A04A1 | R13211 | NETWORK ANALYSIS | 23 | 28 | 3 |
| 15H41A04A1 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 48 | 2 |
| 15H41A04A1 | R13217 | ENGINEERING CHEMISTRY LAB | 24 | 48 | 2 |
| 15H41A04A1 | R13218 | C PROGRAMMING LAB | 22 | 50 | 2 |
| 15H41A04A2 | R13201 | ENGLISH-II | 28 | 52 | 3 |
| 15H41A04A2 | R13202 | MATHEMATICS-III | 27 | 46 | 3 |
| 15H41A04A2 | R13204 | ENGG. CHEMISTRY | 28 | 49 | 3 |
| 15H41A04A2 | R13205 | C PROGRAMMING | 29 | 24 | 3 |
| 15H41A04A2 | R13210 | ENGG. MECHANICS | 30 | 42 | 3 |
| 15H41A04A2 | R13211 | NETWORK ANALYSIS | 25 | 38 | 3 |
| 15H41A04A2 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A04A2 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A04A2 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A04A3 | R13201 | ENGLISH-II | 27 | 39 | 3 |
| 15H41A04A3 | R13202 | MATHEMATICS-III | 28 | 30 | 3 |
| 15H41A04A3 | R13204 | ENGG. CHEMISTRY | 26 | 38 | 3 |
| 15H41A04A3 | R13205 | C PROGRAMMING | 30 | 24 | 3 |
| 15H41A04A3 | R13210 | ENGG. MECHANICS | 30 | 41 | 3 |
| 15H41A04A3 | R13211 | NETWORK ANALYSIS | 25 | 66 | 3 |
| 15H41A04A3 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A04A3 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A04A3 | R13218 | C PROGRAMMING LAB | 25 | 49 | 2 |
| 15H41A04A4 | R13201 | ENGLISH-II | 21 | 44 | 3 |
| 15H41A04A4 | R13202 | MATHEMATICS-III | 29 | 51 | 3 |
| 15H41A04A4 | R13204 | ENGG. CHEMISTRY | 27 | 29 | 3 |
| 15H41A04A4 | R13205 | C PROGRAMMING | 28 | 28 | 3 |
| 15H41A04A4 | R13210 | ENGG. MECHANICS | 24 | 0 | 0 |
| 15H41A04A4 | R13211 | NETWORK ANALYSIS | 18 | 45 | 3 |
| 15H41A04A4 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 48 | 2 |
| 15H41A04A4 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A04A4 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A04A5 | R13201 | ENGLISH-II | 30 | 44 | 3 |
| 15H41A04A5 | R13202 | MATHEMATICS-III | 27 | 51 | 3 |
| 15H41A04A5 | R13204 | ENGG. CHEMISTRY | 28 | 39 | 3 |
| 15H41A04A5 | R13205 | C PROGRAMMING | 28 | 31 | 3 |
| 15H41A04A5 | R13210 | ENGG. MECHANICS | 28 | 39 | 3 |
| 15H41A04A5 | R13211 | NETWORK ANALYSIS | 27 | 51 | 3 |
| 15H41A04A5 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A04A5 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A04A5 | R13218 | C PROGRAMMING LAB | 25 | 49 | 2 |
| 15H41A04A6 | R13201 | ENGLISH-II | 29 | 55 | 3 |
| 15H41A04A6 | R13202 | MATHEMATICS-III | 29 | 51 | 3 |
| 15H41A04A6 | R13204 | ENGG. CHEMISTRY | 29 | 37 | 3 |
| 15H41A04A6 | R13205 | C PROGRAMMING | 27 | 32 | 3 |
| 15H41A04A6 | R13210 | ENGG. MECHANICS | 29 | 41 | 3 |
| 15H41A04A6 | R13211 | NETWORK ANALYSIS | 22 | 35 | 3 |
| 15H41A04A6 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A04A6 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A04A6 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A04A7 | R13201 | ENGLISH-II | 29 | 34 | 3 |
| 15H41A04A7 | R13202 | MATHEMATICS-III | 28 | 33 | 3 |
| 15H41A04A7 | R13204 | ENGG. CHEMISTRY | 30 | 28 | 3 |
| 15H41A04A7 | R13205 | C PROGRAMMING | 26 | 24 | 3 |
| 15H41A04A7 | R13210 | ENGG. MECHANICS | 30 | 28 | 3 |
| 15H41A04A7 | R13211 | NETWORK ANALYSIS | 23 | 47 | 3 |
| 15H41A04A7 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A04A7 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A04A7 | R13218 | C PROGRAMMING LAB | 22 | 47 | 2 |
| 15H41A04A8 | R13201 | ENGLISH-II | 29 | 46 | 3 |
| 15H41A04A8 | R13202 | MATHEMATICS-III | 28 | 59 | 3 |
| 15H41A04A8 | R13204 | ENGG. CHEMISTRY | 29 | 33 | 3 |
| 15H41A04A8 | R13205 | C PROGRAMMING | 28 | 42 | 3 |
| 15H41A04A8 | R13210 | ENGG. MECHANICS | 30 | 39 | 3 |
| 15H41A04A8 | R13211 | NETWORK ANALYSIS | 24 | 69 | 3 |
| 15H41A04A8 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A04A8 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 50 | 2 |
| 15H41A04A8 | R13218 | C PROGRAMMING LAB | 25 | 50 | 2 |
| 15H41A04A9 | R13201 | ENGLISH-II | 26 | 39 | 3 |
| 15H41A04A9 | R13202 | MATHEMATICS-III | 29 | 56 | 3 |
| 15H41A04A9 | R13204 | ENGG. CHEMISTRY | 26 | 42 | 3 |
| 15H41A04A9 | R13205 | C PROGRAMMING | 27 | 30 | 3 |
| 15H41A04A9 | R13210 | ENGG. MECHANICS | 28 | 48 | 3 |
| 15H41A04A9 | R13211 | NETWORK ANALYSIS | 27 | 58 | 3 |
| 15H41A04A9 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A04A9 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A04A9 | R13218 | C PROGRAMMING LAB | 24 | 48 | 2 |
| 15H41A04B0 | R13201 | ENGLISH-II | 24 | 48 | 3 |
| 15H41A04B0 | R13202 | MATHEMATICS-III | 27 | 43 | 3 |
| 15H41A04B0 | R13204 | ENGG. CHEMISTRY | 28 | 49 | 3 |
| 15H41A04B0 | R13205 | C PROGRAMMING | 22 | 29 | 3 |
| 15H41A04B0 | R13210 | ENGG. MECHANICS | 27 | 39 | 3 |
| 15H41A04B0 | R13211 | NETWORK ANALYSIS | 16 | 24 | 3 |
| 15H41A04B0 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 49 | 2 |
| 15H41A04B0 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A04B0 | R13218 | C PROGRAMMING LAB | 24 | 49 | 2 |
| 15H41A04B1 | R13201 | ENGLISH-II | 25 | 42 | 3 |
| 15H41A04B1 | R13202 | MATHEMATICS-III | 25 | 52 | 3 |
| 15H41A04B1 | R13204 | ENGG. CHEMISTRY | 27 | 40 | 3 |
| 15H41A04B1 | R13205 | C PROGRAMMING | 29 | 35 | 3 |
| 15H41A04B1 | R13210 | ENGG. MECHANICS | 30 | 41 | 3 |
| 15H41A04B1 | R13211 | NETWORK ANALYSIS | 20 | 70 | 3 |
| 15H41A04B1 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 49 | 2 |
| 15H41A04B1 | R13217 | ENGINEERING CHEMISTRY LAB | 25 | 49 | 2 |
| 15H41A04B1 | R13218 | C PROGRAMMING LAB | 23 | 49 | 2 |
| 15H41A0501 | R13201 | ENGLISH-II | 27 | 40 | 3 |
| 15H41A0501 | R13202 | MATHEMATICS-III | 24 | 42 | 3 |
| 15H41A0501 | R13203 | ENGG. PHYSICS | 23 | 31 | 3 |
| 15H41A0501 | R13207 | MATHEMATICS-II (MM) | 29 | 48 | 3 |
| 15H41A0501 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 26 | 3 |
| 15H41A0501 | R13209 | ENGG. DRAWING | 29 | 39 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0501 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A0501 | R13214 | ENGINEERING PHYSICS LAB | 23 | 49 | 2 |
| 15H41A0501 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 47 | 2 |
| 15H41A0502 | R13201 | ENGLISH-II | 27 | 56 | 3 |
| 15H41A0502 | R13202 | MATHEMATICS-III | 26 | 43 | 3 |
| 15H41A0502 | R13203 | ENGG. PHYSICS | 23 | 38 | 3 |
| 15H41A0502 | R13207 | MATHEMATICS-II (MM) | 25 | 40 | 3 |
| 15H41A0502 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 39 | 3 |
| 15H41A0502 | R13209 | ENGG. DRAWING | 30 | 37 | 3 |
| 15H41A0502 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A0502 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0502 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 47 | 2 |
| 15H41A0503 | R13201 | ENGLISH-II | 24 | 34 | 3 |
| 15H41A0503 | R13202 | MATHEMATICS-III | 18 | 13 | 0 |
| 15H41A0503 | R13203 | ENGG. PHYSICS | 19 | 2 | 0 |
| 15H41A0503 | R13207 | MATHEMATICS-II (MM) | 16 | 33 | 3 |
| 15H41A0503 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 52 | 3 |
| 15H41A0503 | R13209 | ENGG. DRAWING | 20 | 31 | 3 |
| 15H41A0503 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0503 | R13214 | ENGINEERING PHYSICS LAB | 19 | 46 | 2 |
| 15H41A0503 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 47 | 2 |
| 15H41A0504 | R13201 | ENGLISH-II | 25 | 52 | 3 |
| 15H41A0504 | R13202 | MATHEMATICS-III | 18 | 25 | 3 |
| 15H41A0504 | R13203 | ENGG. PHYSICS | 22 | 36 | 3 |
| 15H41A0504 | R13207 | MATHEMATICS-II (MM) | 17 | 25 | 3 |
| 15H41A0504 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 28 | 3 |
| 15H41A0504 | R13209 | ENGG. DRAWING | 24 | 24 | 3 |
| 15H41A0504 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0504 | R13214 | ENGINEERING PHYSICS LAB | 22 | 46 | 2 |
| 15H41A0504 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 43 | 2 |
| 15H41A0505 | R13201 | ENGLISH-II | 28 | 52 | 3 |
| 15H41A0505 | R13202 | MATHEMATICS-III | 27 | 42 | 3 |
| 15H41A0505 | R13203 | ENGG. PHYSICS | 27 | 31 | 3 |
| 15H41A0505 | R13207 | MATHEMATICS-II (MM) | 28 | 56 | 3 |
| 15H41A0505 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 33 | 3 |
| 15H41A0505 | R13209 | ENGG. DRAWING | 29 | 35 | 3 |
| 15H41A0505 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0505 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0505 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 50 | 2 |
| 15H41A0506 | R13201 | ENGLISH-II | 25 | 51 | 3 |
| 15H41A0506 | R13202 | MATHEMATICS-III | 20 | 29 | 3 |
| 15H41A0506 | R13203 | ENGG. PHYSICS | 21 | 24 | 3 |
| 15H41A0506 | R13207 | MATHEMATICS-II (MM) | 20 | 28 | 3 |
| 15H41A0506 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 30 | 3 |
| 15H41A0506 | R13209 | ENGG. DRAWING | 24 | 10 | 0 |
| 15H41A0506 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0506 | R13214 | ENGINEERING PHYSICS LAB | 22 | 47 | 2 |
| 15H41A0506 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 18 | 41 | 2 |
| 15H41A0507 | R13201 | ENGLISH-II | 29 | 37 | 3 |
| 15H41A0507 | R13202 | MATHEMATICS-III | 28 | 39 | 3 |
| 15H41A0507 | R13203 | ENGG. PHYSICS | 26 | 52 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0507 | R13207 | MATHEMATICS-II (MM) | 27 | 43 | 3 |
| 15H41A0507 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 30 | 64 | 3 |
| 15H41A0507 | R13209 | ENGG. DRAWING | 30 | 38 | 3 |
| 15H41A0507 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0507 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A0507 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 49 | 2 |
| 15H41A0508 | R13201 | ENGLISH-II | 24 | 39 | 3 |
| 15H41A0508 | R13202 | MATHEMATICS-III | 26 | 55 | 3 |
| 15H41A0508 | R13203 | ENGG. PHYSICS | 25 | 37 | 3 |
| 15H41A0508 | R13207 | MATHEMATICS-II (MM) | 27 | 44 | 3 |
| 15H41A0508 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 31 | 3 |
| 15H41A0508 | R13209 | ENGG. DRAWING | 23 | 39 | 3 |
| 15H41A0508 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0508 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A0508 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 48 | 2 |
| 15H41A0509 | R13201 | ENGLISH-II | 25 | 36 | 3 |
| 15H41A0509 | R13202 | MATHEMATICS-III | 22 | 35 | 3 |
| 15H41A0509 | R13203 | ENGG. PHYSICS | 17 | 24 | 3 |
| 15H41A0509 | R13207 | MATHEMATICS-II (MM) | 16 | 34 | 3 |
| 15H41A0509 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 23 | 30 | 3 |
| 15H41A0509 | R13209 | ENGG. DRAWING | 28 | 24 | 3 |
| 15H41A0509 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 45 | 2 |
| 15H41A0509 | R13214 | ENGINEERING PHYSICS LAB | 24 | 48 | 2 |
| 15H41A0509 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 48 | 2 |
| 15H41A0510 | R13201 | ENGLISH-II | 26 | 52 | 3 |
| 15H41A0510 | R13202 | MATHEMATICS-III | 24 | 41 | 3 |
| 15H41A0510 | R13203 | ENGG. PHYSICS | 23 | 47 | 3 |
| 15H41A0510 | R13207 | MATHEMATICS-II (MM) | 22 | 53 | 3 |
| 15H41A0510 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 31 | 3 |
| 15H41A0510 | R13209 | ENGG. DRAWING | 28 | 24 | 3 |
| 15H41A0510 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A0510 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0510 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 43 | 2 |
| 15H41A0511 | R13201 | ENGLISH-II | 29 | 48 | 3 |
| 15H41A0511 | R13202 | MATHEMATICS-III | 23 | 33 | 3 |
| 15H41A0511 | R13203 | ENGG. PHYSICS | 27 | 61 | 3 |
| 15H41A0511 | R13207 | MATHEMATICS-II (MM) | 28 | 49 | 3 |
| 15H41A0511 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 58 | 3 |
| 15H41A0511 | R13209 | ENGG. DRAWING | 30 | 37 | 3 |
| 15H41A0511 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0511 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0511 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 49 | 2 |
| 15H41A0512 | R13201 | ENGLISH-II | 30 | 61 | 3 |
| 15H41A0512 | R13202 | MATHEMATICS-III | 27 | 30 | 3 |
| 15H41A0512 | R13203 | ENGG. PHYSICS | 25 | 45 | 3 |
| 15H41A0512 | R13207 | MATHEMATICS-II (MM) | 26 | 36 | 3 |
| 15H41A0512 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 38 | 3 |
| 15H41A0512 | R13209 | ENGG. DRAWING | 30 | 48 | 3 |
| 15H41A0512 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0512 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0512 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
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| 15H41A0513 | R13201 | ENGLISH-II | 26 | 49 | 3 |
| 15H41A0513 | R13202 | MATHEMATICS-III | 25 | 32 | 3 |
| 15H41A0513 | R13203 | ENGG. PHYSICS | 24 | 25 | 3 |
| 15H41A0513 | R13207 | MATHEMATICS-II (MM) | 23 | 39 | 3 |
| 15H41A0513 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 28 | 3 |
| 15H41A0513 | R13209 | ENGG. DRAWING | 30 | 34 | 3 |
| 15H41A0513 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0513 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0513 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 49 | 2 |
| 15H41A0514 | R13201 | ENGLISH-II | 25 | 53 | 3 |
| 15H41A0514 | R13202 | MATHEMATICS-III | 20 | 35 | 3 |
| 15H41A0514 | R13203 | ENGG. PHYSICS | 17 | 1 | 0 |
| 15H41A0514 | R13207 | MATHEMATICS-II (MM) | 14 | 8 | 0 |
| 15H41A0514 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 32 | 3 |
| 15H41A0514 | R13209 | ENGG. DRAWING | 20 | 24 | 3 |
| 15H41A0514 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 40 | 2 |
| 15H41A0514 | R13214 | ENGINEERING PHYSICS LAB | 22 | 48 | 2 |
| 15H41A0514 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 16 | 41 | 2 |
| 15H41A0515 | R13201 | ENGLISH-II | 24 | 41 | 3 |
| 15H41A0515 | R13202 | MATHEMATICS-III | 23 | 28 | 3 |
| 15H41A0515 | R13203 | ENGG. PHYSICS | 21 | 9 | 0 |
| 15H41A0515 | R13207 | MATHEMATICS-II (MM) | 18 | 32 | 3 |
| 15H41A0515 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 62 | 3 |
| 15H41A0515 | R13209 | ENGG. DRAWING | 29 | 49 | 3 |
| 15H41A0515 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0515 | R13214 | ENGINEERING PHYSICS LAB | 23 | 48 | 2 |
| 15H41A0515 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 45 | 2 |
| 15H41A0516 | R13201 | ENGLISH-II | 28 | 65 | 3 |
| 15H41A0516 | R13202 | MATHEMATICS-III | 20 | 37 | 3 |
| 15H41A0516 | R13203 | ENGG. PHYSICS | 23 | 43 | 3 |
| 15H41A0516 | R13207 | MATHEMATICS-II (MM) | 26 | 42 | 3 |
| 15H41A0516 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 36 | 3 |
| 15H41A0516 | R13209 | ENGG. DRAWING | 30 | 42 | 3 |
| 15H41A0516 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0516 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0516 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 48 | 2 |
| 15H41A0517 | R13201 | ENGLISH-II | 12 | -1 | 0 |
| 15H41A0517 | R13202 | MATHEMATICS-III | 12 | -1 | 0 |
| 15H41A0517 | R13203 | ENGG. PHYSICS | 15 | -1 | 0 |
| 15H41A0517 | R13207 | MATHEMATICS-II (MM) | 5 | -1 | 0 |
| 15H41A0517 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 16 | -1 | 0 |
| 15H41A0517 | R13209 | ENGG. DRAWING | 24 | -1 | 0 |
| 15H41A0517 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 12 | -1 | 0 |
| 15H41A0517 | R13214 | ENGINEERING PHYSICS LAB | 19 | -1 | 0 |
| 15H41A0517 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 11 | -1 | 0 |
| 15H41A0518 | R13201 | ENGLISH-II | 23 | 38 | 3 |
| 15H41A0518 | R13202 | MATHEMATICS-III | 13 | 11 | 0 |
| 15H41A0518 | R13203 | ENGG. PHYSICS | 16 | 0 | 0 |
| 15H41A0518 | R13207 | MATHEMATICS-II (MM) | 16 | 12 | 0 |
| 15H41A0518 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 30 | 3 |
| 15H41A0518 | R13209 | ENGG. DRAWING | 27 | 10 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0518 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 44 | 2 |
| 15H41A0518 | R13214 | ENGINEERING PHYSICS LAB | 22 | 47 | 2 |
| 15H41A0518 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 47 | 2 |
| 15H41A0519 | R13201 | ENGLISH-II | 19 | 28 | 3 |
| 15H41A0519 | R13202 | MATHEMATICS-III | 18 | 8 | 0 |
| 15H41A0519 | R13203 | ENGG. PHYSICS | 19 | 24 | 3 |
| 15H41A0519 | R13207 | MATHEMATICS-II (MM) | 15 | 11 | 0 |
| 15H41A0519 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 47 | 3 |
| 15H41A0519 | R13209 | ENGG. DRAWING | 29 | 12 | 0 |
| 15H41A0519 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A0519 | R13214 | ENGINEERING PHYSICS LAB | 22 | 42 | 2 |
| 15H41A0519 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 18 | 42 | 2 |
| 15H41A0520 | R13201 | ENGLISH-II | 27 | 56 | 3 |
| 15H41A0520 | R13202 | MATHEMATICS-III | 20 | 8 | 0 |
| 15H41A0520 | R13203 | ENGG. PHYSICS | 20 | 24 | 3 |
| 15H41A0520 | R13207 | MATHEMATICS-II (MM) | 23 | 26 | 3 |
| 15H41A0520 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 34 | 3 |
| 15H41A0520 | R13209 | ENGG. DRAWING | 26 | 14 | 0 |
| 15H41A0520 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0520 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A0520 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 49 | 2 |
| 15H41A0521 | R13201 | ENGLISH-II | 27 | 41 | 3 |
| 15H41A0521 | R13202 | MATHEMATICS-III | 23 | 43 | 3 |
| 15H41A0521 | R13203 | ENGG. PHYSICS | 21 | 25 | 3 |
| 15H41A0521 | R13207 | MATHEMATICS-II (MM) | 23 | 37 | 3 |
| 15H41A0521 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 26 | 3 |
| 15H41A0521 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A0521 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0521 | R13214 | ENGINEERING PHYSICS LAB | 24 | 48 | 2 |
| 15H41A0521 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 18 | 45 | 2 |
| 15H41A0522 | R13201 | ENGLISH-II | 27 | 63 | 3 |
| 15H41A0522 | R13202 | MATHEMATICS-III | 29 | 53 | 3 |
| 15H41A0522 | R13203 | ENGG. PHYSICS | 25 | 58 | 3 |
| 15H41A0522 | R13207 | MATHEMATICS-II (MM) | 28 | 62 | 3 |
| 15H41A0522 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 40 | 3 |
| 15H41A0522 | R13209 | ENGG. DRAWING | 29 | 44 | 3 |
| 15H41A0522 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 46 | 2 |
| 15H41A0522 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0522 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 50 | 2 |
| 15H41A0523 | R13201 | ENGLISH-II | 28 | 46 | 3 |
| 15H41A0523 | R13202 | MATHEMATICS-III | 29 | 46 | 3 |
| 15H41A0523 | R13203 | ENGG. PHYSICS | 26 | 55 | 3 |
| 15H41A0523 | R13207 | MATHEMATICS-II (MM) | 28 | 53 | 3 |
| 15H41A0523 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 30 | 65 | 3 |
| 15H41A0523 | R13209 | ENGG. DRAWING | 29 | 52 | 3 |
| 15H41A0523 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0523 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0523 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |
| 15H41A0524 | R13201 | ENGLISH-II | 29 | 64 | 3 |
| 15H41A0524 | R13202 | MATHEMATICS-III | 29 | 56 | 3 |
| 15H41A0524 | R13203 | ENGG. PHYSICS | 27 | 51 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0524 | R13207 | MATHEMATICS-II (MM) | 30 | 52 | 3 |
| 15H41A0524 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 38 | 3 |
| 15H41A0524 | R13209 | ENGG. DRAWING | 30 | 55 | 3 |
| 15H41A0524 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0524 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0524 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 47 | 2 |
| 15H41A0525 | R13201 | ENGLISH-II | 27 | 40 | 3 |
| 15H41A0525 | R13202 | MATHEMATICS-III | 20 | 31 | 3 |
| 15H41A0525 | R13203 | ENGG. PHYSICS | 19 | 25 | 3 |
| 15H41A0525 | R13207 | MATHEMATICS-II (MM) | 20 | 32 | 3 |
| 15H41A0525 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 30 | 3 |
| 15H41A0525 | R13209 | ENGG. DRAWING | 29 | 34 | 3 |
| 15H41A0525 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0525 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0525 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 47 | 2 |
| 15H41A0526 | R13201 | ENGLISH-II | 19 | 34 | 3 |
| 15H41A0526 | R13202 | MATHEMATICS-III | 19 | 9 | 0 |
| 15H41A0526 | R13203 | ENGG. PHYSICS | 17 | 10 | 0 |
| 15H41A0526 | R13207 | MATHEMATICS-II (MM) | 15 | 12 | 0 |
| 15H41A0526 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 24 | 3 |
| 15H41A0526 | R13209 | ENGG. DRAWING | 28 | 6 | 0 |
| 15H41A0526 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A0526 | R13214 | ENGINEERING PHYSICS LAB | 21 | 45 | 2 |
| 15H41A0526 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 47 | 2 |
| 15H41A0527 | R13201 | ENGLISH-II | 22 | 40 | 3 |
| 15H41A0527 | R13202 | MATHEMATICS-III | 25 | 28 | 3 |
| 15H41A0527 | R13203 | ENGG. PHYSICS | 25 | 37 | 3 |
| 15H41A0527 | R13207 | MATHEMATICS-II (MM) | 26 | 48 | 3 |
| 15H41A0527 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 57 | 3 |
| 15H41A0527 | R13209 | ENGG. DRAWING | 29 | 24 | 3 |
| 15H41A0527 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 39 | 2 |
| 15H41A0527 | R13214 | ENGINEERING PHYSICS LAB | 23 | 47 | 2 |
| 15H41A0527 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 43 | 2 |
| 15H41A0528 | R13201 | ENGLISH-II | 30 | 63 | 3 |
| 15H41A0528 | R13202 | MATHEMATICS-III | 27 | 41 | 3 |
| 15H41A0528 | R13203 | ENGG. PHYSICS | 26 | 41 | 3 |
| 15H41A0528 | R13207 | MATHEMATICS-II (MM) | 26 | 46 | 3 |
| 15H41A0528 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 38 | 3 |
| 15H41A0528 | R13209 | ENGG. DRAWING | 28 | 41 | 3 |
| 15H41A0528 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0528 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0528 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 49 | 2 |
| 15H41A0529 | R13201 | ENGLISH-II | 25 | 31 | 3 |
| 15H41A0529 | R13202 | MATHEMATICS-III | 16 | 10 | 0 |
| 15H41A0529 | R13203 | ENGG. PHYSICS | 16 | 10 | 0 |
| 15H41A0529 | R13207 | MATHEMATICS-II (MM) | 17 | 14 | 0 |
| 15H41A0529 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 26 | 3 |
| 15H41A0529 | R13209 | ENGG. DRAWING | 29 | 6 | 0 |
| 15H41A0529 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 48 | 2 |
| 15H41A0529 | R13214 | ENGINEERING PHYSICS LAB | 22 | 48 | 2 |
| 15H41A0529 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 18 | 46 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0530 | R13201 | ENGLISH-II | 26 | 60 | 3 |
| 15H41A0530 | R13202 | MATHEMATICS-III | 16 | 31 | 3 |
| 15H41A0530 | R13203 | ENGG. PHYSICS | 16 | 28 | 3 |
| 15H41A0530 | R13207 | MATHEMATICS-II (MM) | 23 | 35 | 3 |
| 15H41A0530 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 32 | 3 |
| 15H41A0530 | R13209 | ENGG. DRAWING | 29 | 26 | 3 |
| 15H41A0530 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A0530 | R13214 | ENGINEERING PHYSICS LAB | 22 | 48 | 2 |
| 15H41A0530 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 17 | 49 | 2 |
| 15H41A0531 | R13201 | ENGLISH-II | 30 | 47 | 3 |
| 15H41A0531 | R13202 | MATHEMATICS-III | 28 | 61 | 3 |
| 15H41A0531 | R13203 | ENGG. PHYSICS | 26 | 70 | 3 |
| 15H41A0531 | R13207 | MATHEMATICS-II (MM) | 28 | 68 | 3 |
| 15H41A0531 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 66 | 3 |
| 15H41A0531 | R13209 | ENGG. DRAWING | 29 | 40 | 3 |
| 15H41A0531 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0531 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0531 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 48 | 2 |
| 15H41A0532 | R13201 | ENGLISH-II | 29 | 62 | 3 |
| 15H41A0532 | R13202 | MATHEMATICS-III | 26 | 42 | 3 |
| 15H41A0532 | R13203 | ENGG. PHYSICS | 27 | 56 | 3 |
| 15H41A0532 | R13207 | MATHEMATICS-II (MM) | 28 | 57 | 3 |
| 15H41A0532 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 36 | 3 |
| 15H41A0532 | R13209 | ENGG. DRAWING | 29 | 35 | 3 |
| 15H41A0532 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0532 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0532 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 47 | 2 |
| 15H41A0533 | R13201 | ENGLISH-II | 22 | 35 | 3 |
| 15H41A0533 | R13202 | MATHEMATICS-III | 20 | 24 | 3 |
| 15H41A0533 | R13203 | ENGG. PHYSICS | 19 | 24 | 3 |
| 15H41A0533 | R13207 | MATHEMATICS-II (MM) | 14 | 9 | 0 |
| 15H41A0533 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 16 | 0 |
| 15H41A0533 | R13209 | ENGG. DRAWING | 20 | 11 | 0 |
| 15H41A0533 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 45 | 2 |
| 15H41A0533 | R13214 | ENGINEERING PHYSICS LAB | 20 | 45 | 2 |
| 15H41A0533 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 15 | 43 | 2 |
| 15H41A0534 | R13201 | ENGLISH-II | 23 | 55 | 3 |
| 15H41A0534 | R13202 | MATHEMATICS-III | 18 | 7 | 0 |
| 15H41A0534 | R13203 | ENGG. PHYSICS | 15 | 13 | 0 |
| 15H41A0534 | R13207 | MATHEMATICS-II (MM) | 22 | 4 | 0 |
| 15H41A0534 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 23 | 37 | 3 |
| 15H41A0534 | R13209 | ENGG. DRAWING | 20 | 4 | 0 |
| 15H41A0534 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 48 | 2 |
| 15H41A0534 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0534 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 46 | 2 |
| 15H41A0535 | R13201 | ENGLISH-II | 29 | 43 | 3 |
| 15H41A0535 | R13202 | MATHEMATICS-III | 22 | 12 | 0 |
| 15H41A0535 | R13203 | ENGG. PHYSICS | 23 | 54 | 3 |
| 15H41A0535 | R13207 | MATHEMATICS-II (MM) | 20 | 31 | 3 |
| 15H41A0535 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 45 | 3 |
| 15H41A0535 | R13209 | ENGG. DRAWING | 30 | 37 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0535 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 40 | 2 |
| 15H41A0535 | R13214 | ENGINEERING PHYSICS LAB | 21 | 45 | 2 |
| 15H41A0535 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 45 | 2 |
| 15H41A0536 | R13201 | ENGLISH-II | 27 | 58 | 3 |
| 15H41A0536 | R13202 | MATHEMATICS-III | 19 | 12 | 0 |
| 15H41A0536 | R13203 | ENGG. PHYSICS | 18 | 37 | 3 |
| 15H41A0536 | R13207 | MATHEMATICS-II (MM) | 16 | 9 | 0 |
| 15H41A0536 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 34 | 3 |
| 15H41A0536 | R13209 | ENGG. DRAWING | 29 | 24 | 3 |
| 15H41A0536 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0536 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0536 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 45 | 2 |
| 15H41A0537 | R13201 | ENGLISH-II | 26 | 26 | 3 |
| 15H41A0537 | R13202 | MATHEMATICS-III | 18 | 10 | 0 |
| 15H41A0537 | R13203 | ENGG. PHYSICS | 14 | 26 | 3 |
| 15H41A0537 | R13207 | MATHEMATICS-II (MM) | 21 | 28 | 3 |
| 15H41A0537 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 26 | 3 |
| 15H41A0537 | R13209 | ENGG. DRAWING | 20 | 8 | 0 |
| 15H41A0537 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0537 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0537 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 42 | 2 |
| 15H41A0538 | R13201 | ENGLISH-II | 27 | 52 | 3 |
| 15H41A0538 | R13202 | MATHEMATICS-III | 15 | 1 | 0 |
| 15H41A0538 | R13203 | ENGG. PHYSICS | 20 | 0 | 0 |
| 15H41A0538 | R13207 | MATHEMATICS-II (MM) | 14 | 26 | 3 |
| 15H41A0538 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 29 | 3 |
| 15H41A0538 | R13209 | ENGG. DRAWING | 16 | 6 | 0 |
| 15H41A0538 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 40 | 2 |
| 15H41A0538 | R13214 | ENGINEERING PHYSICS LAB | 20 | 43 | 2 |
| 15H41A0538 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 14 | 42 | 2 |
| 15H41A0539 | R13201 | ENGLISH-II | 28 | 38 | 3 |
| 15H41A0539 | R13202 | MATHEMATICS-III | 25 | 27 | 3 |
| 15H41A0539 | R13203 | ENGG. PHYSICS | 27 | 54 | 3 |
| 15H41A0539 | R13207 | MATHEMATICS-II (MM) | 26 | 37 | 3 |
| 15H41A0539 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 52 | 3 |
| 15H41A0539 | R13209 | ENGG. DRAWING | 30 | 37 | 3 |
| 15H41A0539 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0539 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0539 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 47 | 2 |
| 15H41A0540 | R13201 | ENGLISH-II | 21 | 24 | 3 |
| 15H41A0540 | R13202 | MATHEMATICS-III | 12 | 5 | 0 |
| 15H41A0540 | R13203 | ENGG. PHYSICS | 12 | 0 | 0 |
| 15H41A0540 | R13207 | MATHEMATICS-II (MM) | 14 | 1 | 0 |
| 15H41A0540 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 20 | 12 | 0 |
| 15H41A0540 | R13209 | ENGG. DRAWING | 17 | 1 | 0 |
| 15H41A0540 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 16 | 45 | 2 |
| 15H41A0540 | R13214 | ENGINEERING PHYSICS LAB | 21 | 42 | 2 |
| 15H41A0540 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 12 | 34 | 2 |
| 15H41A0541 | R13201 | ENGLISH-II | 28 | 53 | 3 |
| 15H41A0541 | R13202 | MATHEMATICS-III | 28 | 53 | 3 |
| 15H41A0541 | R13203 | ENGG. PHYSICS | 26 | 33 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0541 | R13207 | MATHEMATICS-II (MM) | 28 | 60 | 3 |
| 15H41A0541 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 30 | 46 | 3 |
| 15H41A0541 | R13209 | ENGG. DRAWING | 30 | 34 | 3 |
| 15H41A0541 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0541 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0541 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 50 | 2 |
| 15H41A0542 | R13201 | ENGLISH-II | 28 | 58 | 3 |
| 15H41A0542 | R13202 | MATHEMATICS-III | 20 | 29 | 3 |
| 15H41A0542 | R13203 | ENGG. PHYSICS | 19 | 42 | 3 |
| 15H41A0542 | R13207 | MATHEMATICS-II (MM) | 26 | 46 | 3 |
| 15H41A0542 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 46 | 3 |
| 15H41A0542 | R13209 | ENGG. DRAWING | 29 | 24 | 3 |
| 15H41A0542 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0542 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0542 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 46 | 2 |
| 15H41A0543 | R13201 | ENGLISH-II | 22 | 33 | 3 |
| 15H41A0543 | R13202 | MATHEMATICS-III | 18 | 24 | 3 |
| 15H41A0543 | R13203 | ENGG. PHYSICS | 23 | 36 | 3 |
| 15H41A0543 | R13207 | MATHEMATICS-II (MM) | 20 | 40 | 3 |
| 15H41A0543 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 49 | 3 |
| 15H41A0543 | R13209 | ENGG. DRAWING | 29 | 44 | 3 |
| 15H41A0543 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0543 | R13214 | ENGINEERING PHYSICS LAB | 23 | 47 | 2 |
| 15H41A0543 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 44 | 2 |
| 15H41A0544 | R13201 | ENGLISH-II | 25 | 52 | 3 |
| 15H41A0544 | R13202 | MATHEMATICS-III | 17 | 0 | 0 |
| 15H41A0544 | R13203 | ENGG. PHYSICS | 14 | 3 | 0 |
| 15H41A0544 | R13207 | MATHEMATICS-II (MM) | 15 | 2 | 0 |
| 15H41A0544 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 19 | 28 | 3 |
| 15H41A0544 | R13209 | ENGG. DRAWING | 20 | 0 | 0 |
| 15H41A0544 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 40 | 2 |
| 15H41A0544 | R13214 | ENGINEERING PHYSICS LAB | 24 | 47 | 2 |
| 15H41A0544 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 16 | 41 | 2 |
| 15H41A0545 | R13201 | ENGLISH-II | 28 | 44 | 3 |
| 15H41A0545 | R13202 | MATHEMATICS-III | 18 | 25 | 3 |
| 15H41A0545 | R13203 | ENGG. PHYSICS | 21 | 12 | 0 |
| 15H41A0545 | R13207 | MATHEMATICS-II (MM) | 22 | 44 | 3 |
| 15H41A0545 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 34 | 3 |
| 15H41A0545 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0545 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 45 | 2 |
| 15H41A0545 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0545 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 50 | 2 |
| 15H41A0546 | R13201 | ENGLISH-II | 30 | 53 | 3 |
| 15H41A0546 | R13202 | MATHEMATICS-III | 28 | 45 | 3 |
| 15H41A0546 | R13203 | ENGG. PHYSICS | 23 | 31 | 3 |
| 15H41A0546 | R13207 | MATHEMATICS-II (MM) | 28 | 68 | 3 |
| 15H41A0546 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 30 | 3 |
| 15H41A0546 | R13209 | ENGG. DRAWING | 30 | 51 | 3 |
| 15H41A0546 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0546 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0546 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0547 | R13201 | ENGLISH-II | 29 | 48 | 3 |
| 15H41A0547 | R13202 | MATHEMATICS-III | 29 | 39 | 3 |
| 15H41A0547 | R13203 | ENGG. PHYSICS | 24 | 59 | 3 |
| 15H41A0547 | R13207 | MATHEMATICS-II (MM) | 24 | 54 | 3 |
| 15H41A0547 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 53 | 3 |
| 15H41A0547 | R13209 | ENGG. DRAWING | 29 | 46 | 3 |
| 15H41A0547 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0547 | R13214 | ENGINEERING PHYSICS LAB | 25 | 48 | 2 |
| 15H41A0547 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 48 | 2 |
| 15H41A0548 | R13201 | ENGLISH-II | 28 | 60 | 3 |
| 15H41A0548 | R13202 | MATHEMATICS-III | 30 | 52 | 3 |
| 15H41A0548 | R13203 | ENGG. PHYSICS | 23 | 50 | 3 |
| 15H41A0548 | R13207 | MATHEMATICS-II (MM) | 27 | 65 | 3 |
| 15H41A0548 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 34 | 3 |
| 15H41A0548 | R13209 | ENGG. DRAWING | 30 | 42 | 3 |
| 15H41A0548 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 46 | 2 |
| 15H41A0548 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0548 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 50 | 2 |
| 15H41A0549 | R13201 | ENGLISH-II | 27 | 48 | 3 |
| 15H41A0549 | R13202 | MATHEMATICS-III | 22 | 13 | 0 |
| 15H41A0549 | R13203 | ENGG. PHYSICS | 24 | 40 | 3 |
| 15H41A0549 | R13207 | MATHEMATICS-II (MM) | 18 | 43 | 3 |
| 15H41A0549 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | -1 | 0 |
| 15H41A0549 | R13209 | ENGG. DRAWING | 20 | 4 | 0 |
| 15H41A0549 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0549 | R13214 | ENGINEERING PHYSICS LAB | 24 | 42 | 2 |
| 15H41A0549 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 49 | 2 |
| 15H41A0550 | R13201 | ENGLISH-II | 21 | 52 | 3 |
| 15H41A0550 | R13202 | MATHEMATICS-III | 9 | 1 | 0 |
| 15H41A0550 | R13203 | ENGG. PHYSICS | 14 | 4 | 0 |
| 15H41A0550 | R13207 | MATHEMATICS-II (MM) | 10 | 18 | 0 |
| 15H41A0550 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 29 | 3 |
| 15H41A0550 | R13209 | ENGG. DRAWING | 20 | 4 | 0 |
| 15H41A0550 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 19 | 42 | 2 |
| 15H41A0550 | R13214 | ENGINEERING PHYSICS LAB | 22 | 46 | 2 |
| 15H41A0550 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 13 | 38 | 2 |
| 15H41A0551 | R13201 | ENGLISH-II | 26 | 43 | 3 |
| 15H41A0551 | R13202 | MATHEMATICS-III | 28 | 47 | 3 |
| 15H41A0551 | R13203 | ENGG. PHYSICS | 26 | 52 | 3 |
| 15H41A0551 | R13207 | MATHEMATICS-II (MM) | 29 | 64 | 3 |
| 15H41A0551 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 51 | 3 |
| 15H41A0551 | R13209 | ENGG. DRAWING | 29 | 38 | 3 |
| 15H41A0551 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 47 | 2 |
| 15H41A0551 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0551 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 47 | 2 |
| 15H41A0552 | R13201 | ENGLISH-II | 29 | 65 | 3 |
| 15H41A0552 | R13202 | MATHEMATICS-III | 27 | 48 | 3 |
| 15H41A0552 | R13203 | ENGG. PHYSICS | 25 | 51 | 3 |
| 15H41A0552 | R13207 | MATHEMATICS-II (MM) | 29 | 50 | 3 |
| 15H41A0552 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 35 | 3 |
| 15H41A0552 | R13209 | ENGG. DRAWING | 30 | 59 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0552 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0552 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0552 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A0553 | R13201 | ENGLISH-II | 15 | 30 | 3 |
| 15H41A0553 | R13202 | MATHEMATICS-III | 8 | 14 | 0 |
| 15H41A0553 | R13203 | ENGG. PHYSICS | 13 | 33 | 3 |
| 15H41A0553 | R13207 | MATHEMATICS-II (MM) | 13 | 13 | 0 |
| 15H41A0553 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 16 | 29 | 3 |
| 15H41A0553 | R13209 | ENGG. DRAWING | 16 | 1 | 0 |
| 15H41A0553 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 44 | 2 |
| 15H41A0553 | R13214 | ENGINEERING PHYSICS LAB | 20 | 44 | 2 |
| 15H41A0553 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 12 | 40 | 2 |
| 15H41A0554 | R13201 | ENGLISH-II | 26 | 59 | 3 |
| 15H41A0554 | R13202 | MATHEMATICS-III | 21 | 25 | 3 |
| 15H41A0554 | R13203 | ENGG. PHYSICS | 24 | 29 | 3 |
| 15H41A0554 | R13207 | MATHEMATICS-II (MM) | 24 | 43 | 3 |
| 15H41A0554 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 37 | 3 |
| 15H41A0554 | R13209 | ENGG. DRAWING | 30 | -1 | 0 |
| 15H41A0554 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0554 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0554 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 48 | 2 |
| 15H41A0555 | R13201 | ENGLISH-II | 28 | 38 | 3 |
| 15H41A0555 | R13202 | MATHEMATICS-III | 28 | 53 | 3 |
| 15H41A0555 | R13203 | ENGG. PHYSICS | 26 | 59 | 3 |
| 15H41A0555 | R13207 | MATHEMATICS-II (MM) | 29 | 66 | 3 |
| 15H41A0555 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 52 | 3 |
| 15H41A0555 | R13209 | ENGG. DRAWING | 29 | 37 | 3 |
| 15H41A0555 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0555 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0555 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 49 | 2 |
| 15H41A0556 | R13201 | ENGLISH-II | 22 | 58 | 3 |
| 15H41A0556 | R13202 | MATHEMATICS-III | 21 | 9 | 0 |
| 15H41A0556 | R13203 | ENGG. PHYSICS | 17 | 10 | 0 |
| 15H41A0556 | R13207 | MATHEMATICS-II (MM) | 13 | 5 | 0 |
| 15H41A0556 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 31 | 3 |
| 15H41A0556 | R13209 | ENGG. DRAWING | 24 | 3 | 0 |
| 15H41A0556 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0556 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0556 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 46 | 2 |
| 15H41A0557 | R13201 | ENGLISH-II | 28 | 44 | 3 |
| 15H41A0557 | R13202 | MATHEMATICS-III | 26 | 36 | 3 |
| 15H41A0557 | R13203 | ENGG. PHYSICS | 25 | 32 | 3 |
| 15H41A0557 | R13207 | MATHEMATICS-II (MM) | 26 | 52 | 3 |
| 15H41A0557 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 35 | 3 |
| 15H41A0557 | R13209 | ENGG. DRAWING | 30 | 12 | 0 |
| 15H41A0557 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0557 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0557 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 46 | 2 |
| 15H41A0558 | R13201 | ENGLISH-II | 19 | 48 | 3 |
| 15H41A0558 | R13202 | MATHEMATICS-III | 8 | 2 | 0 |
| 15H41A0558 | R13203 | ENGG. PHYSICS | 10 | 0 | 0 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0558 | R13207 | MATHEMATICS-II (MM) | 9 | 0 | 0 |
| 15H41A0558 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 18 | 27 | 3 |
| 15H41A0558 | R13209 | ENGG. DRAWING | 20 | 0 | 0 |
| 15H41A0558 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 35 | 2 |
| 15H41A0558 | R13214 | ENGINEERING PHYSICS LAB | 18 | 35 | 2 |
| 15H41A0558 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 15 | 37 | 2 |
| 15H41A0559 | R13201 | ENGLISH-II | 21 | 24 | 3 |
| 15H41A0559 | R13202 | MATHEMATICS-III | 12 | 17 | 0 |
| 15H41A0559 | R13203 | ENGG. PHYSICS | 15 | 2 | 0 |
| 15H41A0559 | R13207 | MATHEMATICS-II (MM) | 12 | 28 | 3 |
| 15H41A0559 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 24 | 3 |
| 15H41A0559 | R13209 | ENGG. DRAWING | 17 | 29 | 3 |
| 15H41A0559 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 35 | 2 |
| 15H41A0559 | R13214 | ENGINEERING PHYSICS LAB | 20 | 44 | 2 |
| 15H41A0559 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 15 | 42 | 2 |
| 15H41A0560 | R13201 | ENGLISH-II | 26 | 61 | 3 |
| 15H41A0560 | R13202 | MATHEMATICS-III | 23 | 33 | 3 |
| 15H41A0560 | R13203 | ENGG. PHYSICS | 27 | 37 | 3 |
| 15H41A0560 | R13207 | MATHEMATICS-II (MM) | 28 | 48 | 3 |
| 15H41A0560 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 35 | 3 |
| 15H41A0560 | R13209 | ENGG. DRAWING | 30 | 8 | 0 |
| 15H41A0560 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 50 | 2 |
| 15H41A0560 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A0560 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |
| 15H41A0561 | R13201 | ENGLISH-II | 22 | 36 | 3 |
| 15H41A0561 | R13202 | MATHEMATICS-III | 14 | 16 | 0 |
| 15H41A0561 | R13203 | ENGG. PHYSICS | 15 | 7 | 0 |
| 15H41A0561 | R13207 | MATHEMATICS-II (MM) | 20 | 32 | 3 |
| 15H41A0561 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 35 | 3 |
| 15H41A0561 | R13209 | ENGG. DRAWING | 30 | 1 | 0 |
| 15H41A0561 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 12 | 46 | 2 |
| 15H41A0561 | R13214 | ENGINEERING PHYSICS LAB | 18 | 41 | 2 |
| 15H41A0561 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 44 | 2 |
| 15H41A0563 | R13201 | ENGLISH-II | 27 | 60 | 3 |
| 15H41A0563 | R13202 | MATHEMATICS-III | 26 | 48 | 3 |
| 15H41A0563 | R13203 | ENGG. PHYSICS | 28 | 42 | 3 |
| 15H41A0563 | R13207 | MATHEMATICS-II (MM) | 29 | 56 | 3 |
| 15H41A0563 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 45 | 3 |
| 15H41A0563 | R13209 | ENGG. DRAWING | 30 | 37 | 3 |
| 15H41A0563 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 47 | 2 |
| 15H41A0563 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A0563 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 21 | 50 | 2 |
| 15H41A0564 | R13201 | ENGLISH-II | 14 | 26 | 3 |
| 15H41A0564 | R13202 | MATHEMATICS-III | 10 | 1 | 0 |
| 15H41A0564 | R13203 | ENGG. PHYSICS | 17 | 1 | 0 |
| 15H41A0564 | R13207 | MATHEMATICS-II (MM) | 10 | 24 | 0 |
| 15H41A0564 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 10 | 31 | 3 |
| 15H41A0564 | R13209 | ENGG. DRAWING | 30 | 0 | 0 |
| 15H41A0564 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 12 | 40 | 2 |
| 15H41A0564 | R13214 | ENGINEERING PHYSICS LAB | 22 | 42 | 2 |
| 15H41A0564 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 28 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0565 | R13201 | ENGLISH-II | 24 | 49 | 3 |
| 15H41A0565 | R13202 | MATHEMATICS-III | 27 | 36 | 3 |
| 15H41A0565 | R13203 | ENGG. PHYSICS | 27 | 24 | 3 |
| 15H41A0565 | R13207 | MATHEMATICS-II (MM) | 28 | 41 | 3 |
| 15H41A0565 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 37 | 3 |
| 15H41A0565 | R13209 | ENGG. DRAWING | 30 | 29 | 3 |
| 15H41A0565 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0565 | R13214 | ENGINEERING PHYSICS LAB | 24 | 48 | 2 |
| 15H41A0565 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 47 | 2 |
| 15H41A0566 | R13201 | ENGLISH-II | 13 | 13 | 0 |
| 15H41A0566 | R13202 | MATHEMATICS-III | 14 | 8 | 0 |
| 15H41A0566 | R13203 | ENGG. PHYSICS | 16 | 5 | 0 |
| 15H41A0566 | R13207 | MATHEMATICS-II (MM) | 14 | 12 | 0 |
| 15H41A0566 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 13 | 24 | 0 |
| 15H41A0566 | R13209 | ENGG. DRAWING | 25 | 0 | 0 |
| 15H41A0566 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 31 | 2 |
| 15H41A0566 | R13214 | ENGINEERING PHYSICS LAB | 22 | 40 | 2 |
| 15H41A0566 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 25 | 2 |
| 15H41A0567 | R13201 | ENGLISH-II | 27 | 51 | 3 |
| 15H41A0567 | R13202 | MATHEMATICS-III | 24 | 28 | 3 |
| 15H41A0567 | R13203 | ENGG. PHYSICS | 25 | 13 | 0 |
| 15H41A0567 | R13207 | MATHEMATICS-II (MM) | 27 | 38 | 3 |
| 15H41A0567 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 33 | 3 |
| 15H41A0567 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0567 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0567 | R13214 | ENGINEERING PHYSICS LAB | 25 | 48 | 2 |
| 15H41A0567 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 48 | 2 |
| 15H41A0568 | R13201 | ENGLISH-II | 16 | 24 | 3 |
| 15H41A0568 | R13202 | MATHEMATICS-III | 14 | 10 | 0 |
| 15H41A0568 | R13203 | ENGG. PHYSICS | 19 | 1 | 0 |
| 15H41A0568 | R13207 | MATHEMATICS-II (MM) | 22 | 25 | 3 |
| 15H41A0568 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 16 | 31 | 3 |
| 15H41A0568 | R13209 | ENGG. DRAWING | 30 | 9 | 0 |
| 15H41A0568 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 44 | 2 |
| 15H41A0568 | R13214 | ENGINEERING PHYSICS LAB | 22 | 43 | 2 |
| 15H41A0568 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 35 | 2 |
| 15H41A0569 | R13201 | ENGLISH-II | 27 | 54 | 3 |
| 15H41A0569 | R13202 | MATHEMATICS-III | 25 | 24 | 3 |
| 15H41A0569 | R13203 | ENGG. PHYSICS | 26 | 35 | 3 |
| 15H41A0569 | R13207 | MATHEMATICS-II (MM) | 21 | 36 | 3 |
| 15H41A0569 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 32 | 3 |
| 15H41A0569 | R13209 | ENGG. DRAWING | 28 | 40 | 3 |
| 15H41A0569 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0569 | R13214 | ENGINEERING PHYSICS LAB | 23 | 48 | 2 |
| 15H41A0569 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 46 | 2 |
| 15H41A0570 | R13201 | ENGLISH-II | 27 | 52 | 3 |
| 15H41A0570 | R13202 | MATHEMATICS-III | 30 | 67 | 3 |
| 15H41A0570 | R13203 | ENGG. PHYSICS | 26 | 67 | 3 |
| 15H41A0570 | R13207 | MATHEMATICS-II (MM) | 26 | 65 | 3 |
| 15H41A0570 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 38 | 3 |
| 15H41A0570 | R13209 | ENGG. DRAWING | 30 | 38 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0570 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0570 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0570 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A0571 | R13201 | ENGLISH-II | 23 | 60 | 3 |
| 15H41A0571 | R13202 | MATHEMATICS-III | 27 | 4 | 0 |
| 15H41A0571 | R13203 | ENGG. PHYSICS | 25 | 30 | 3 |
| 15H41A0571 | R13207 | MATHEMATICS-II (MM) | 20 | 27 | 3 |
| 15H41A0571 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 31 | 3 |
| 15H41A0571 | R13209 | ENGG. DRAWING | 30 | -1 | 0 |
| 15H41A0571 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0571 | R13214 | ENGINEERING PHYSICS LAB | 24 | 48 | 2 |
| 15H41A0571 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 47 | 2 |
| 15H41A0572 | R13201 | ENGLISH-II | 21 | 43 | 3 |
| 15H41A0572 | R13202 | MATHEMATICS-III | 20 | 46 | 3 |
| 15H41A0572 | R13203 | ENGG. PHYSICS | 26 | 37 | 3 |
| 15H41A0572 | R13207 | MATHEMATICS-II (MM) | 25 | 37 | 3 |
| 15H41A0572 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 48 | 3 |
| 15H41A0572 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A0572 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0572 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0572 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 49 | 2 |
| 15H41A0573 | R13201 | ENGLISH-II | 30 | 62 | 3 |
| 15H41A0573 | R13202 | MATHEMATICS-III | 30 | 56 | 3 |
| 15H41A0573 | R13203 | ENGG. PHYSICS | 29 | 41 | 3 |
| 15H41A0573 | R13207 | MATHEMATICS-II (MM) | 28 | 53 | 3 |
| 15H41A0573 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 44 | 3 |
| 15H41A0573 | R13209 | ENGG. DRAWING | 30 | 37 | 3 |
| 15H41A0573 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0573 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0573 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 49 | 2 |
| 15H41A0574 | R13201 | ENGLISH-II | 30 | 42 | 3 |
| 15H41A0574 | R13202 | MATHEMATICS-III | 29 | 51 | 3 |
| 15H41A0574 | R13203 | ENGG. PHYSICS | 27 | 47 | 3 |
| 15H41A0574 | R13207 | MATHEMATICS-II (MM) | 29 | 56 | 3 |
| 15H41A0574 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 34 | 3 |
| 15H41A0574 | R13209 | ENGG. DRAWING | 30 | 37 | 3 |
| 15H41A0574 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0574 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0574 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 50 | 2 |
| 15H41A0576 | R13201 | ENGLISH-II | 27 | 61 | 3 |
| 15H41A0576 | R13202 | MATHEMATICS-III | 26 | 36 | 3 |
| 15H41A0576 | R13203 | ENGG. PHYSICS | 23 | 28 | 3 |
| 15H41A0576 | R13207 | MATHEMATICS-II (MM) | 26 | 32 | 3 |
| 15H41A0576 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 41 | 3 |
| 15H41A0576 | R13209 | ENGG. DRAWING | 30 | 35 | 3 |
| 15H41A0576 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0576 | R13214 | ENGINEERING PHYSICS LAB | 23 | 47 | 2 |
| 15H41A0576 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 49 | 2 |
| 15H41A0577 | R13201 | ENGLISH-II | 18 | 33 | 3 |
| 15H41A0577 | R13202 | MATHEMATICS-III | 23 | 31 | 3 |
| 15H41A0577 | R13203 | ENGG. PHYSICS | 18 | 24 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0577 | R13207 | MATHEMATICS-II (MM) | 21 | 36 | 3 |
| 15H41A0577 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 23 | 50 | 3 |
| 15H41A0577 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A0577 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 49 | 2 |
| 15H41A0577 | R13214 | ENGINEERING PHYSICS LAB | 23 | 49 | 2 |
| 15H41A0577 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 47 | 2 |
| 15H41A0578 | R13201 | ENGLISH-II | 28 | 59 | 3 |
| 15H41A0578 | R13202 | MATHEMATICS-III | 29 | 44 | 3 |
| 15H41A0578 | R13203 | ENGG. PHYSICS | 28 | 42 | 3 |
| 15H41A0578 | R13207 | MATHEMATICS-II (MM) | 30 | 45 | 3 |
| 15H41A0578 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 36 | 3 |
| 15H41A0578 | R13209 | ENGG. DRAWING | 30 | 47 | 3 |
| 15H41A0578 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 49 | 2 |
| 15H41A0578 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0578 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A0579 | R13201 | ENGLISH-II | 23 | 40 | 3 |
| 15H41A0579 | R13202 | MATHEMATICS-III | 23 | 35 | 3 |
| 15H41A0579 | R13203 | ENGG. PHYSICS | 24 | 37 | 3 |
| 15H41A0579 | R13207 | MATHEMATICS-II (MM) | 26 | 37 | 3 |
| 15H41A0579 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 29 | 3 |
| 15H41A0579 | R13209 | ENGG. DRAWING | 30 | 28 | 3 |
| 15H41A0579 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0579 | R13214 | ENGINEERING PHYSICS LAB | 24 | 48 | 2 |
| 15H41A0579 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 48 | 2 |
| 15H41A0580 | R13201 | ENGLISH-II | 25 | 61 | 3 |
| 15H41A0580 | R13202 | MATHEMATICS-III | 28 | 34 | 3 |
| 15H41A0580 | R13203 | ENGG. PHYSICS | 27 | 11 | 0 |
| 15H41A0580 | R13207 | MATHEMATICS-II (MM) | 23 | 64 | 3 |
| 15H41A0580 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 42 | 3 |
| 15H41A0580 | R13209 | ENGG. DRAWING | 30 | 35 | 3 |
| 15H41A0580 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 39 | 2 |
| 15H41A0580 | R13214 | ENGINEERING PHYSICS LAB | 24 | 48 | 2 |
| 15H41A0580 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 46 | 2 |
| 15H41A0581 | R13201 | ENGLISH-II | 28 | 31 | 3 |
| 15H41A0581 | R13202 | MATHEMATICS-III | 25 | 24 | 3 |
| 15H41A0581 | R13203 | ENGG. PHYSICS | 28 | 36 | 3 |
| 15H41A0581 | R13207 | MATHEMATICS-II (MM) | 28 | 29 | 3 |
| 15H41A0581 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 50 | 3 |
| 15H41A0581 | R13209 | ENGG. DRAWING | 30 | 43 | 3 |
| 15H41A0581 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0581 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0581 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A0582 | R13201 | ENGLISH-II | 24 | 45 | 3 |
| 15H41A0582 | R13202 | MATHEMATICS-III | 21 | 26 | 3 |
| 15H41A0582 | R13203 | ENGG. PHYSICS | 21 | 37 | 3 |
| 15H41A0582 | R13207 | MATHEMATICS-II (MM) | 25 | 27 | 3 |
| 15H41A0582 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 34 | 3 |
| 15H41A0582 | R13209 | ENGG. DRAWING | 30 | 10 | 0 |
| 15H41A0582 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 46 | 2 |
| 15H41A0582 | R13214 | ENGINEERING PHYSICS LAB | 23 | 48 | 2 |
| 15H41A0582 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 23 | 44 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0583 | R13201 | ENGLISH-II | 25 | 40 | 3 |
| 15H41A0583 | R13202 | MATHEMATICS-III | 24 | 31 | 3 |
| 15H41A0583 | R13203 | ENGG. PHYSICS | 25 | 50 | 3 |
| 15H41A0583 | R13207 | MATHEMATICS-II (MM) | 19 | 30 | 3 |
| 15H41A0583 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 41 | 3 |
| 15H41A0583 | R13209 | ENGG. DRAWING | 30 | 12 | 0 |
| 15H41A0583 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 47 | 2 |
| 15H41A0583 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0583 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 49 | 2 |
| 15H41A0584 | R13201 | ENGLISH-II | 24 | 60 | 3 |
| 15H41A0584 | R13202 | MATHEMATICS-III | 21 | 25 | 3 |
| 15H41A0584 | R13203 | ENGG. PHYSICS | 29 | 11 | 0 |
| 15H41A0584 | R13207 | MATHEMATICS-II (MM) | 23 | 27 | 3 |
| 15H41A0584 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 23 | 44 | 3 |
| 15H41A0584 | R13209 | ENGG. DRAWING | 28 | 4 | 0 |
| 15H41A0584 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 48 | 2 |
| 15H41A0584 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0584 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 49 | 2 |
| 15H41A0585 | R13201 | ENGLISH-II | 21 | 38 | 3 |
| 15H41A0585 | R13202 | MATHEMATICS-III | 28 | 27 | 3 |
| 15H41A0585 | R13203 | ENGG. PHYSICS | 21 | 3 | 0 |
| 15H41A0585 | R13207 | MATHEMATICS-II (MM) | 21 | 41 | 3 |
| 15H41A0585 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 19 | 51 | 3 |
| 15H41A0585 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0585 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 35 | 2 |
| 15H41A0585 | R13214 | ENGINEERING PHYSICS LAB | 21 | 44 | 2 |
| 15H41A0585 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 20 | 46 | 2 |
| 15H41A0586 | R13201 | ENGLISH-II | 25 | 46 | 3 |
| 15H41A0586 | R13202 | MATHEMATICS-III | 21 | 31 | 3 |
| 15H41A0586 | R13203 | ENGG. PHYSICS | 25 | 24 | 3 |
| 15H41A0586 | R13207 | MATHEMATICS-II (MM) | 23 | 24 | 3 |
| 15H41A0586 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 29 | 3 |
| 15H41A0586 | R13209 | ENGG. DRAWING | 30 | 29 | 3 |
| 15H41A0586 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0586 | R13214 | ENGINEERING PHYSICS LAB | 23 | 48 | 2 |
| 15H41A0586 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 44 | 2 |
| 15H41A0587 | R13201 | ENGLISH-II | 29 | 44 | 3 |
| 15H41A0587 | R13202 | MATHEMATICS-III | 29 | 63 | 3 |
| 15H41A0587 | R13203 | ENGG. PHYSICS | 29 | 54 | 3 |
| 15H41A0587 | R13207 | MATHEMATICS-II (MM) | 28 | 59 | 3 |
| 15H41A0587 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 38 | 3 |
| 15H41A0587 | R13209 | ENGG. DRAWING | 28 | 28 | 3 |
| 15H41A0587 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0587 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0587 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 49 | 2 |
| 15H41A0588 | R13201 | ENGLISH-II | 24 | 54 | 3 |
| 15H41A0588 | R13202 | MATHEMATICS-III | 21 | 42 | 3 |
| 15H41A0588 | R13203 | ENGG. PHYSICS | 26 | 29 | 3 |
| 15H41A0588 | R13207 | MATHEMATICS-II (MM) | 24 | 47 | 3 |
| 15H41A0588 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 36 | 3 |
| 15H41A0588 | R13209 | ENGG. DRAWING | 30 | 33 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0588 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A0588 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0588 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 47 | 2 |
| 15H41A0589 | R13201 | ENGLISH-II | 22 | 38 | 3 |
| 15H41A0589 | R13202 | MATHEMATICS-III | 19 | 10 | 0 |
| 15H41A0589 | R13203 | ENGG. PHYSICS | 22 | 1 | 0 |
| 15H41A0589 | R13207 | MATHEMATICS-II (MM) | 16 | 25 | 3 |
| 15H41A0589 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 59 | 3 |
| 15H41A0589 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A0589 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 43 | 2 |
| 15H41A0589 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A0589 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |
| 15H41A0590 | R13201 | ENGLISH-II | 24 | 56 | 3 |
| 15H41A0590 | R13202 | MATHEMATICS-III | 16 | 25 | 3 |
| 15H41A0590 | R13203 | ENGG. PHYSICS | 27 | 24 | 3 |
| 15H41A0590 | R13207 | MATHEMATICS-II (MM) | 25 | 27 | 3 |
| 15H41A0590 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 30 | 3 |
| 15H41A0590 | R13209 | ENGG. DRAWING | 30 | 14 | 0 |
| 15H41A0590 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 47 | 2 |
| 15H41A0590 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A0590 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 49 | 2 |
| 15H41A0591 | R13201 | ENGLISH-II | 30 | 45 | 3 |
| 15H41A0591 | R13202 | MATHEMATICS-III | 30 | 49 | 3 |
| 15H41A0591 | R13203 | ENGG. PHYSICS | 29 | 50 | 3 |
| 15H41A0591 | R13207 | MATHEMATICS-II (MM) | 28 | 58 | 3 |
| 15H41A0591 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 35 | 3 |
| 15H41A0591 | R13209 | ENGG. DRAWING | 30 | 33 | 3 |
| 15H41A0591 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0591 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0591 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A0592 | R13201 | ENGLISH-II | 27 | 60 | 3 |
| 15H41A0592 | R13202 | MATHEMATICS-III | 27 | 50 | 3 |
| 15H41A0592 | R13203 | ENGG. PHYSICS | 30 | 43 | 3 |
| 15H41A0592 | R13207 | MATHEMATICS-II (MM) | 27 | 46 | 3 |
| 15H41A0592 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 29 | 3 |
| 15H41A0592 | R13209 | ENGG. DRAWING | 30 | 42 | 3 |
| 15H41A0592 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 49 | 2 |
| 15H41A0592 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A0592 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 50 | 2 |
| 15H41A0593 | R13201 | ENGLISH-II | 22 | 29 | 3 |
| 15H41A0593 | R13202 | MATHEMATICS-III | 27 | 13 | 0 |
| 15H41A0593 | R13203 | ENGG. PHYSICS | 22 | 9 | 0 |
| 15H41A0593 | R13207 | MATHEMATICS-II (MM) | 19 | 24 | 3 |
| 15H41A0593 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 56 | 3 |
| 15H41A0593 | R13209 | ENGG. DRAWING | 30 | 2 | 0 |
| 15H41A0593 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A0593 | R13214 | ENGINEERING PHYSICS LAB | 23 | 49 | 2 |
| 15H41A0593 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |
| 15H41A0594 | R13201 | ENGLISH-II | 25 | 62 | 3 |
| 15H41A0594 | R13202 | MATHEMATICS-III | 28 | 36 | 3 |
| 15H41A0594 | R13203 | ENGG. PHYSICS | 26 | 25 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A0594 | R13207 | MATHEMATICS-II (MM) | 24 | 25 | 3 |
| 15H41A0594 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 32 | 3 |
| 15H41A0594 | R13209 | ENGG. DRAWING | 30 | 29 | 3 |
| 15H41A0594 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0594 | R13214 | ENGINEERING PHYSICS LAB | 25 | 47 | 2 |
| 15H41A0594 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |
| 15H41A0595 | R13201 | ENGLISH-II | 22 | 31 | 3 |
| 15H41A0595 | R13202 | MATHEMATICS-III | 24 | 16 | 0 |
| 15H41A0595 | R13203 | ENGG. PHYSICS | 24 | 34 | 3 |
| 15H41A0595 | R13207 | MATHEMATICS-II (MM) | 22 | 25 | 3 |
| 15H41A0595 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 30 | 3 |
| 15H41A0595 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0595 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 47 | 2 |
| 15H41A0595 | R13214 | ENGINEERING PHYSICS LAB | 24 | 48 | 2 |
| 15H41A0595 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 46 | 2 |
| 15H41A0597 | R13201 | ENGLISH-II | 23 | 42 | 3 |
| 15H41A0597 | R13202 | MATHEMATICS-III | 23 | 28 | 3 |
| 15H41A0597 | R13203 | ENGG. PHYSICS | 19 | 11 | 0 |
| 15H41A0597 | R13207 | MATHEMATICS-II (MM) | 21 | 39 | 3 |
| 15H41A0597 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 35 | 3 |
| 15H41A0597 | R13209 | ENGG. DRAWING | 30 | 8 | 0 |
| 15H41A0597 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 47 | 2 |
| 15H41A0597 | R13214 | ENGINEERING PHYSICS LAB | 20 | 44 | 2 |
| 15H41A0597 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 39 | 2 |
| 15H41A0598 | R13201 | ENGLISH-II | 28 | 38 | 3 |
| 15H41A0598 | R13202 | MATHEMATICS-III | 29 | 39 | 3 |
| 15H41A0598 | R13203 | ENGG. PHYSICS | 28 | 1 | 0 |
| 15H41A0598 | R13207 | MATHEMATICS-II (MM) | 26 | 61 | 3 |
| 15H41A0598 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 57 | 3 |
| 15H41A0598 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A0598 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 50 | 2 |
| 15H41A0598 | R13214 | ENGINEERING PHYSICS LAB | 24 | 50 | 2 |
| 15H41A0598 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 49 | 2 |
| 15H41A0599 | R13201 | ENGLISH-II | 25 | 39 | 3 |
| 15H41A0599 | R13202 | MATHEMATICS-III | 26 | 36 | 3 |
| 15H41A0599 | R13203 | ENGG. PHYSICS | 28 | 34 | 3 |
| 15H41A0599 | R13207 | MATHEMATICS-II (MM) | 27 | 31 | 3 |
| 15H41A0599 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 28 | 39 | 3 |
| 15H41A0599 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A0599 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A0599 | R13214 | ENGINEERING PHYSICS LAB | 24 | 50 | 2 |
| 15H41A0599 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 48 | 2 |
| 15H41A05A0 | R13201 | ENGLISH-II | 24 | 47 | 3 |
| 15H41A05A0 | R13202 | MATHEMATICS-III | 24 | 34 | 3 |
| 15H41A05A0 | R13203 | ENGG. PHYSICS | 27 | 50 | 3 |
| 15H41A05A0 | R13207 | MATHEMATICS-II (MM) | 23 | 52 | 3 |
| 15H41A05A0 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 45 | 3 |
| 15H41A05A0 | R13209 | ENGG. DRAWING | 30 | 28 | 3 |
| 15H41A05A0 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 46 | 2 |
| 15H41A05A0 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A05A0 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 48 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A05A1 | R13201 | ENGLISH-II | 22 | 56 | 3 |
| 15H41A05A1 | R13202 | MATHEMATICS-III | 15 | 6 | 0 |
| 15H41A05A1 | R13203 | ENGG. PHYSICS | 25 | 4 | 0 |
| 15H41A05A1 | R13207 | MATHEMATICS-II (MM) | 17 | 0 | 0 |
| 15H41A05A1 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 22 | 29 | 3 |
| 15H41A05A1 | R13209 | ENGG. DRAWING | 30 | 0 | 0 |
| 15H41A05A1 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 45 | 2 |
| 15H41A05A1 | R13214 | ENGINEERING PHYSICS LAB | 23 | 48 | 2 |
| 15H41A05A1 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 44 | 2 |
| 15H41A05A2 | R13201 | ENGLISH-II | 23 | 35 | 3 |
| 15H41A05A2 | R13202 | MATHEMATICS-III | 23 | 15 | 0 |
| 15H41A05A2 | R13203 | ENGG. PHYSICS | 26 | 39 | 3 |
| 15H41A05A2 | R13207 | MATHEMATICS-II (MM) | 26 | 35 | 3 |
| 15H41A05A2 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 49 | 3 |
| 15H41A05A2 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A05A2 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 48 | 2 |
| 15H41A05A2 | R13214 | ENGINEERING PHYSICS LAB | 23 | 49 | 2 |
| 15H41A05A2 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 46 | 2 |
| 15H41A05A3 | R13201 | ENGLISH-II | 28 | 60 | 3 |
| 15H41A05A3 | R13202 | MATHEMATICS-III | 21 | 28 | 3 |
| 15H41A05A3 | R13203 | ENGG. PHYSICS | 27 | 47 | 3 |
| 15H41A05A3 | R13207 | MATHEMATICS-II (MM) | 28 | 33 | 3 |
| 15H41A05A3 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 38 | 3 |
| 15H41A05A3 | R13209 | ENGG. DRAWING | 30 | 31 | 3 |
| 15H41A05A3 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A05A3 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A05A3 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 49 | 2 |
| 15H41A05A4 | R13201 | ENGLISH-II | 26 | 41 | 3 |
| 15H41A05A4 | R13202 | MATHEMATICS-III | 27 | 36 | 3 |
| 15H41A05A4 | R13203 | ENGG. PHYSICS | 27 | 47 | 3 |
| 15H41A05A4 | R13207 | MATHEMATICS-II (MM) | 24 | 46 | 3 |
| 15H41A05A4 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 25 | 37 | 3 |
| 15H41A05A4 | R13209 | ENGG. DRAWING | 30 | 13 | 0 |
| 15H41A05A4 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A05A4 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A05A4 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A05A5 | R13201 | ENGLISH-II | 28 | 55 | 3 |
| 15H41A05A5 | R13202 | MATHEMATICS-III | 24 | 54 | 3 |
| 15H41A05A5 | R13203 | ENGG. PHYSICS | 28 | 31 | 3 |
| 15H41A05A5 | R13207 | MATHEMATICS-II (MM) | 28 | 48 | 3 |
| 15H41A05A5 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 34 | 3 |
| 15H41A05A5 | R13209 | ENGG. DRAWING | 30 | 33 | 3 |
| 15H41A05A5 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 48 | 2 |
| 15H41A05A5 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A05A5 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 49 | 2 |
| 15H41A05A6 | R13201 | ENGLISH-II | 30 | 34 | 3 |
| 15H41A05A6 | R13202 | MATHEMATICS-III | 29 | 49 | 3 |
| 15H41A05A6 | R13203 | ENGG. PHYSICS | 28 | 4 | 0 |
| 15H41A05A6 | R13207 | MATHEMATICS-II (MM) | 28 | 57 | 3 |
| 15H41A05A6 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 51 | 3 |
| 15H41A05A6 | R13209 | ENGG. DRAWING | 30 | 49 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A05A6 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A05A6 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A05A6 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 49 | 2 |
| 15H41A05A7 | R13201 | ENGLISH-II | 24 | 32 | 3 |
| 15H41A05A7 | R13202 | MATHEMATICS-III | 16 | 24 | 3 |
| 15H41A05A7 | R13203 | ENGG. PHYSICS | 22 | 1 | 0 |
| 15H41A05A7 | R13207 | MATHEMATICS-II (MM) | 23 | 8 | 0 |
| 15H41A05A7 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 17 | 29 | 3 |
| 15H41A05A7 | R13209 | ENGG. DRAWING | 30 | 1 | 0 |
| 15H41A05A7 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 43 | 2 |
| 15H41A05A7 | R13214 | ENGINEERING PHYSICS LAB | 20 | 47 | 2 |
| 15H41A05A7 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 22 | 45 | 2 |
| 15H41A05A8 | R13201 | ENGLISH-II | 19 | 34 | 3 |
| 15H41A05A8 | R13202 | MATHEMATICS-III | 15 | 6 | 0 |
| 15H41A05A8 | R13203 | ENGG. PHYSICS | 18 | 6 | 0 |
| 15H41A05A8 | R13207 | MATHEMATICS-II (MM) | 17 | 24 | 3 |
| 15H41A05A8 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 18 | 24 | 3 |
| 15H41A05A8 | R13209 | ENGG. DRAWING | 30 | 1 | 0 |
| 15H41A05A8 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 42 | 2 |
| 15H41A05A8 | R13214 | ENGINEERING PHYSICS LAB | 15 | 45 | 2 |
| 15H41A05A8 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 19 | 31 | 2 |
| 15H41A05A9 | R13201 | ENGLISH-II | 24 | 60 | 3 |
| 15H41A05A9 | R13202 | MATHEMATICS-III | 20 | 34 | 3 |
| 15H41A05A9 | R13203 | ENGG. PHYSICS | 21 | 13 | 0 |
| 15H41A05A9 | R13207 | MATHEMATICS-II (MM) | 28 | 44 | 3 |
| 15H41A05A9 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 34 | 3 |
| 15H41A05A9 | R13209 | ENGG. DRAWING | 30 | 4 | 0 |
| 15H41A05A9 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A05A9 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A05A9 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 50 | 2 |
| 15H41A05B0 | R13201 | ENGLISH-II | 27 | 40 | 3 |
| 15H41A05B0 | R13202 | MATHEMATICS-III | 26 | 45 | 3 |
| 15H41A05B0 | R13203 | ENGG. PHYSICS | 28 | 48 | 3 |
| 15H41A05B0 | R13207 | MATHEMATICS-II (MM) | 29 | 51 | 3 |
| 15H41A05B0 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 62 | 3 |
| 15H41A05B0 | R13209 | ENGG. DRAWING | 30 | 36 | 3 |
| 15H41A05B0 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A05B0 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A05B0 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A05B1 | R13201 | ENGLISH-II | 19 | 54 | 3 |
| 15H41A05B1 | R13202 | MATHEMATICS-III | 20 | 3 | 0 |
| 15H41A05B1 | R13203 | ENGG. PHYSICS | 24 | 24 | 3 |
| 15H41A05B1 | R13207 | MATHEMATICS-II (MM) | 23 | 24 | 3 |
| 15H41A05B1 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 29 | 3 |
| 15H41A05B1 | R13209 | ENGG. DRAWING | 30 | 29 | 3 |
| 15H41A05B1 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 46 | 2 |
| 15H41A05B1 | R13214 | ENGINEERING PHYSICS LAB | 24 | 48 | 2 |
| 15H41A05B1 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 49 | 2 |
| 15H41A05B2 | R13201 | ENGLISH-II | 27 | 50 | 3 |
| 15H41A05B2 | R13202 | MATHEMATICS-III | 20 | 34 | 3 |
| 15H41A05B2 | R13203 | ENGG. PHYSICS | 28 | 45 | 3 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A05B2 | R13207 | MATHEMATICS-II (MM) | 25 | 36 | 3 |
| 15H41A05B2 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 42 | 3 |
| 15H41A05B2 | R13209 | ENGG. DRAWING | 30 | 10 | 0 |
| 15H41A05B2 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A05B2 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A05B2 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 49 | 2 |
| 15H41A05B3 | R13201 | ENGLISH-II | 28 | 60 | 3 |
| 15H41A05B3 | R13202 | MATHEMATICS-III | 24 | 44 | 3 |
| 15H41A05B3 | R13203 | ENGG. PHYSICS | 26 | 28 | 3 |
| 15H41A05B3 | R13207 | MATHEMATICS-II (MM) | 29 | 56 | 3 |
| 15H41A05B3 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 27 | 48 | 3 |
| 15H41A05B3 | R13209 | ENGG. DRAWING | 30 | 33 | 3 |
| 15H41A05B3 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 49 | 2 |
| 15H41A05B3 | R13214 | ENGINEERING PHYSICS LAB | 25 | 49 | 2 |
| 15H41A05B3 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 48 | 2 |
| 15H41A05B4 | R13201 | ENGLISH-II | 27 | 36 | 3 |
| 15H41A05B4 | R13202 | MATHEMATICS-III | 28 | 47 | 3 |
| 15H41A05B4 | R13203 | ENGG. PHYSICS | 28 | 47 | 3 |
| 15H41A05B4 | R13207 | MATHEMATICS-II (MM) | 29 | 57 | 3 |
| 15H41A05B4 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 29 | 54 | 3 |
| 15H41A05B4 | R13209 | ENGG. DRAWING | 30 | 36 | 3 |
| 15H41A05B4 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A05B4 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A05B4 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |
| 15H41A05B5 | R13201 | ENGLISH-II | 23 | 57 | 3 |
| 15H41A05B5 | R13202 | MATHEMATICS-III | 16 | 9 | 0 |
| 15H41A05B5 | R13203 | ENGG. PHYSICS | 25 | 0 | 0 |
| 15H41A05B5 | R13207 | MATHEMATICS-II (MM) | 19 | 2 | 0 |
| 15H41A05B5 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 21 | 32 | 3 |
| 15H41A05B5 | R13209 | ENGG. DRAWING | 30 | 0 | 0 |
| 15H41A05B5 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 23 | 47 | 2 |
| 15H41A05B5 | R13214 | ENGINEERING PHYSICS LAB | 25 | 48 | 2 |
| 15H41A05B5 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 47 | 2 |
| 15H41A05B6 | R13201 | ENGLISH-II | 26 | 25 | 3 |
| 15H41A05B6 | R13202 | MATHEMATICS-III | 17 | 33 | 3 |
| 15H41A05B6 | R13203 | ENGG. PHYSICS | 26 | 37 | 3 |
| 15H41A05B6 | R13207 | MATHEMATICS-II (MM) | 24 | 30 | 3 |
| 15H41A05B6 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 32 | 3 |
| 15H41A05B6 | R13209 | ENGG. DRAWING | 30 | 24 | 3 |
| 15H41A05B6 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 24 | 46 | 2 |
| 15H41A05B6 | R13214 | ENGINEERING PHYSICS LAB | 23 | 48 | 2 |
| 15H41A05B6 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 24 | 46 | 2 |
| 15H41A05B8 | R13201 | ENGLISH-II | 30 | 56 | 3 |
| 15H41A05B8 | R13202 | MATHEMATICS-III | 28 | 36 | 3 |
| 15H41A05B8 | R13203 | ENGG. PHYSICS | 29 | 36 | 3 |
| 15H41A05B8 | R13207 | MATHEMATICS-II (MM) | 29 | 57 | 3 |
| 15H41A05B8 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 26 | 35 | 3 |
| 15H41A05B8 | R13209 | ENGG. DRAWING | 30 | 35 | 3 |
| 15H41A05B8 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 25 | 50 | 2 |
| 15H41A05B8 | R13214 | ENGINEERING PHYSICS LAB | 25 | 50 | 2 |
| 15H41A05B8 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |

| Htno | Subcode | Subname | Internal | External | credits |
|------------|---------|-------------------------------------|----------|----------|---------|
| 15H41A05B9 | R13201 | ENGLISH-II | 22 | 25 | 3 |
| 15H41A05B9 | R13202 | MATHEMATICS-III | 14 | 11 | 0 |
| 15H41A05B9 | R13203 | ENGG. PHYSICS | 21 | 5 | 0 |
| 15H41A05B9 | R13207 | MATHEMATICS-II (MM) | 25 | 28 | 3 |
| 15H41A05B9 | R13208 | PROFESSIONAL ETHICS & HUMAN VALUES | 24 | 42 | 3 |
| 15H41A05B9 | R13209 | ENGG. DRAWING | 30 | 34 | 3 |
| 15H41A05B9 | R13213 | ENGLISH-COMMUNICATION SKILLS LAB-II | 22 | 37 | 2 |
| 15H41A05B9 | R13214 | ENGINEERING PHYSICS LAB | 24 | 49 | 2 |
| 15H41A05B9 | R13216 | ENGINEERING WORKSHOP & IT WORKSHOP | 25 | 50 | 2 |

****Note:-** For Recounting/Revaluation/Challenge By Revaluation Apply through College PORTAL by Examination Incharge only on or before 23-08-2016.

**** Note:**

- * -1 in the filed of externals indicates student absent for the respective subject.
- * -2 in the filed of externals indicates student Withheld for the respective subject.
- * -3 in the filed of externals indicates student Malpractice for the respective

N. Mohan Rao

Date:13-08-2016

Controller of Examinations