SIXTH SEMESTER (ANIMATION AND MULTIMEDIA TECHNOLOGY)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Code No | Subject | Contact hours per week | Evaluation Scheme | Total Marks |
| Theory | Practical |
| L | T | P | Exam | Sessional | Exam/Viva | Sess. |
| 1 | Hu-601 | Industrial Management & Entrepreneurship | 3 | 0 | 0 | 28/70 | 15/30 |  |  | 100 |
| 2 | CAI-605 | Computer Programming with C/C++ | 3 | 0 | 4 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 3 | AMT-60\_\_ | Specialization-I (Any one from the following) | 2 | 0 | 8 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
|  |  | AM-601: Modeling |  |  |  |  |  |  |  |  |
|  |  | AM-603: Rigging |  |  |  |  |  |  |  |  |
|  |  | AM-605: CG Lighting |  |  |  |  |  |  |  |  |
|  |  | AM-606: Visual Effects |  |  |  |  |  |  |  |  |
| 4 | AM-60\_\_ | Specialization-II (Any one from the following) | 2 | 0 | 8 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
|  |  | AM-602: Texturing |  |  |  |  |  |  |  |  |
|  |  | AM-604: 3D Animation |  |  |  |  |  |  |  |  |
|  |  | AM-607: Compositing |  |  |  |  |  |  |  |  |
| 5 | AM-611 | Seminar & Presentation on Specialization-I & II | - | - | - | - | - | 25/50 | 25/50 | 100 |
| 6 | AMT-699 | Major Project, Seminar etc. | 0 | 0 | 10 |  |  | 25/50 | 50/100 | 150 |
| Total | 800 |

SIXTH SEMESTER (CONTROL AND INSTRUMENTATION)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Code No | Subject | Contact hours per week | Evaluation Scheme | Total Marks |
| Theory | Practical |
| L | T | P | Exam | Sessional | Exam/Viva | Sess. |
| 1 | Hu-601 | Industrial Management & Entrepreneurship | 3 | 0 | 0 | 28/70 | 15/30 |  |  | 100 |
| 2 | CAI-601 | Biomedical Instrumentation | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 3 | CAI-602 | Transducers and Signal Conditioning | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 4. | CAI-603 | Substation, Switchgear & Protection | 3 | 0 | 0 | 28/70 | 15/30 |  |  | 100 |
| 5 | CAI-61\* | Elective (Any one from the following) |  |  |  |  |  |  |  |  |
|  | CAI-611 | Telematics & Satellite Communication | 3 | 1 | 0 | 28/70 | 15/30 |  |  | 100 |
|  | CAI-612 | Industrial Instrumentation | 3 | 1 | 0 | 28/70 | 15/30 |  |  | 100 |
| 6 | CAI-699 | Project, Seminar | 0 | 0 | 10 |  |  | 25/50 | 50/10025/50 | 200 |
| Total | 800 |

SIXTH SEMESTER (FOOD PROCESSING TECHNOLOGY)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Code No | Subject | Contact hours per week | Evaluation Scheme | Total Marks |
| Theory | Practical |
| L | T | P | Exam | Sessional | Exam/Viva | Sess. |
| 1 | Hu-601 | Industrial Management & Entrepreneurship | 3 | 0 | 0 | 28/70 | 15/30 |  |  | 100 |
| 2 | FPT-601 | Food Engineering Operations – II  | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 3 | FPT-602 | Food Product Technology – II  | 4 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 4 | FPT-603 | Tea, Coffee and Cocoa Processing | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 5. | FPT-699 | Project | 0 | 0 | 10 |  |  | 25/50 | 50/10025/50 | 200 |
| 6 | FPT-61\* | Elective (Any one from the following) | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
|  |  | FPT-611: Dairy Technology & Engineering |  |  |  |  |  |  |  |  |
|  |  | FPT-612: Fruits and Vegetables Processing |  |  |  |  |  |  |  |  |
|  |  | FPT-613: Cereals, Pulses and Oilseeds Processing |  |  |  |  |  |  |  |  |
|  |  | FPT-614: Fermented & Non-Fermented Beverages |  |  |  |  |  |  |  |  |
|  |  | FPT-615: Bakery & Confectionery Technology |  |  |  |  |  |  |  |  |
| Total | 900 |

SIXTH SEMESTER (CONSTRUCTION TECHNOLOGY)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No. | Code No | Subject | Contact hours per week | Evaluation Scheme | Total Marks |
| Theory | Practical |
| L | T | P | Exam | Sessional | Exam/Viva | Sess. |
| 1 | Hu-601 | Industrial Management & Entrepreneurship | 3 | 0 | 0 | 28/70 | 15/30 |  |  | 100 |
| 2 | CT-601 | Estimation & Costing | 4 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 3 | CT-602 | Design of Steel Structures | 4 | 1 | 0 | 28/70 | 15/30 |  |  | 100 |
| 4 | CT-603 | Construction & Project Management | 4 | 1 | 0 | 28/70 | 15/30 |  |  | 100 |
| 5 | CT-699 | Project | 0 | 0 | 10 |  |  | 25/50 | 50/10025/50 | 200 |
| 6 | CT-61\* | Elective (Any one from the following) | 4 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
|  |  | CT-611: Construction Methods & Machinery |  |  |  |  |  |  |  |  |
|  |  | CT-612: Water Resource Engineering |  |  |  |  |  |  |  |  |
|  |  | CT-613: Computational Methods in Civil Engg. |  |  |  |  |  |  |  |  |
|  | 800 |