FIFTH SEMESTER (ANIMATION AND MULTIMEDIA TECHNOLOGY)

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| Sl. No. | Code No | Subject | Contact hours per week | Evaluation Scheme | Total Marks |
| Theory | Practical |
| L | T | P | Exam | Sessional | Exam/Viva | Sess. |
| 1 | AMT-501 | 3D Animation  | 2 | 0 | 6 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 2 | AMT-502 | CG Lighting | 2 | 0 | 6 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 3 | AMT-503 | Compositing  | 2 | 0 | 6 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 4 | AMT-504 | Visual Effects  | 2 | 0 | 6 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 5 | AMT-505 | Audio & Video Editing | 2 | 0 | 6 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 6 | AMT-599 | Minor Project | 0 | 0 | 6 | - | - | 25/50 | 25/50 | 100 |
| Total | 850 |

FIFTH SEMESTER (CONTROL AND INSTRUMENTATION)

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| Sl. No. | Code No | Subject | Contact hours per week | Evaluation Scheme | Total Marks |
| Theory | Practical |
| L | T | P | Exam | Sessional | Exam/Viva | Sess. |
| 1 | CAI-501 | Control Systems | 3 | 1 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 2 | CAI-502 | Generation, Transmission & Distribution of Power | 3 | 1 | 0 | 28/70 | 15/30 |  |  | 100 |
| 3 | CAI-503 | Principles of Instrumentation | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 4. | CAI-504 | Power Electronics | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 5 | CAI-505 | Microprocessors & Applications | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 6 | CAI-506 | Electronics Circuits & Devices-II | 3 | 1 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| Total | 850 |

FIFTH SEMESTER (FOOD PROCESSING TECHNOLOGY)

|  |  |  |  |  |  |
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| Sl. No. | Code No | Subject | Contact hours per week | Evaluation Scheme | Total Marks |
| Theory | Practical |
| L | T | P | Exam | Sessional | Exam/Viva | Sess. |
| 1 | FPT-501 | Introduction to Food Microbiology, Biochemistry and Biotechnology | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 2 | FPT-502 | Food Engineering Operations – I  | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 3 | FPT-503 | Food Product Technology – I  | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 4 | FPT-504 | Food Storage and Packaging | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 5 | FPT-505 | Food Analysis for Quality Testing & Evaluation | 3 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 6. | FPT-599 | Industrial Training (Audit course) |  |  |  |  |  |  | 25/50 | 50 |
| Total | 800 |

FIFTH SEMESTER (CONSTRUCTION TECHNOLOGY)

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| Sl. No. | Code No | Subject | Contact hours per week | Evaluation Scheme | Total Marks |
| Theory | Practical |
| L | T | P | Exam | Sessional | Exam/Viva | Sess. |
| 1 | CT-501 | Construction Technology | 3 | 1 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 2 | CT-502 | Concrete Technology | 3 | 1 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 3 | CT-503 | Geotechnical Engineering | 4 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 4 | CT-504 | Design of RCC Structure | 4 | 0 | 0 | 28/70 | 15/30 |  |  | 100 |
| 5 | CT-505 | Transportation Engineering | 4 | 0 | 2 | 28/70 | 15/30 | 12/25 | 13/25 | 150 |
| 6. | CT-506 | Environmental Engineering | 3 | 0 | 0 | 28/70 | 15/30 |  |  | 100 |
| Total | 800 |