

Section 1: Policy And Institutionalization Of I&E Activities In HEIs (Academic Calendar Year 2020-21 & 2021-22)

1.1) Adoption Level of Innovation and Entrepreneurship (I&E) Policy in HEIs: Registration; Policy Formulation; Policy Implementation

| Completion of Action Items (status as on 16th October 2022) | Status |
|--|--------|
| Registered in the NISP portal for I&E Policy Adoption | Yes |
| Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy | No |
| Institute has Action Plans for Implementation of the I&E Policy | No |

Contact:

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|---------------|--------------------|
| Faculty Name: | C B. PRIYA |
| Designation: | HOD/MECH |
| Email ID: | cbpriya3@gmail.com |
| Mobile No. | 9047032086 |

1.2) Performance Level of Institution's Innovation Councils (IICs) Established in HEIs: Scores and Stars Obtained

| Annual Performances of IIC Institute | Stars Secured |
|--------------------------------------|-------------------|
| IIC 1.0 (2018-19) | |
| IIC 2.0 (2019-20) | |
| IIC 3.0 (2020-21) | |
| IIC 4.0 (2021-22) | 0 (On Progress) |

Contact:

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|---------------------------------|-------------|
| IIC President of the Institute: | Natarajan V |
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|--------------|--------------------------|
| Designation: | AP/EEE |
| Email ID: | natarajan.v@oasys.edu.in |
| Mobile No. | 8939816951 |

1.3) Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in HEIs: Trained IA/HEI and Nos of Prescribed Activities undertaken by IA

| Sr. No. | Name of the Faculty IA | Level of Training | No of I&E Expert Talks/Sessions Conducted |
|---------|------------------------|-------------------|---|
| 1 | V NATARAJAN | Basic | 0 |
| 2 | Dr.K.KALAISELVAN | Basic | 0 |

1.4) Participation in KAPILA/SIH Program

| | | |
|--|---------|-----|
| HEI Registered in the KAPILA Portal | C-25036 | Yes |
| HEI Participated in the Smart India Hackathon (2022) | C-25036 | No |

Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by the HEI

2.1) Academic Courses in Innovation, Entrepreneurship and IPR

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|-----------------------|-------------|---------------|----------------|-----------------|---|--------------------|---------------------|
| 1 | DIGITAL COMMUNICATION | EC8501 | 2020-21 | Core Course | Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 12-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|-----------------|-----------------|---|--------------------|-------------|
| 2 | DISCRETE TIME SIGNAL PROCESSING | EC8553 | 2020-21 | Core Course | ,Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 4 | 12-00:00:00 |
| 3 | Computer Architecture and Organization | EC8552 | 2020-21 | Core Course | ,Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 12-00:00:00 |
| 4 | Communication Networks | EC8551 | 2020-21 | Core Course | ,Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 12-00:00:00 |
| 5 | Medical Electronics | EC8073 | 2020-21 | Elective Course | ,Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 12-00:00:00 |
| 6 | Basic of Biomedical Instrumentation | OMD551 | 2020-21 | Elective Course | ,Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 12-00:00:00 |
| 7 | Microprocessors and Microcontrollers | EC8691 | 2021-22 | Core Course | Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 07-00:00:00 |
| 8 | VLSI Design | EC8095 | 2021-22 | Core Course | ,Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 07-00:00:00 |
| 9 | Wireless Communication | EC8652 | 2021-22 | Core Course | ,Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 07-00:00:00 |
| 10 | Principles of Management | MG8591 | 2021-22 | Core Course | ,Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 07-00:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|-------------|
| 11 | Transmission Lines and RF Systems | EC8651 | 2021-22 | Core Course | ,Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 07-00:00:00 |
| 12 | Multimedia Compression and Communication | EC8002 | 2021-22 | Elective Course | ,Bachelor | ELECTRONICS AND COMMUNICATION ENGINEERING | 3 | 07-00:00:00 |
| 13 | Digital Signal Processing Laboratory | EC8562 | 2020-21 | Core Course | Bachelor | Electronics and Communication Engineering | 2 | 12-00:00:00 |
| 14 | Communication Systems Laboratory | EC8561 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 12-00:00:00 |
| 15 | Communication Networks Laboratory | EC8563 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 12-00:00:00 |
| 16 | Linear Algebra and Partial Differential Equations | MA8352 | 2020-21 | Core Course | Bachelor | Electronics and Communication Engineering | 4 | 12-00:00:00 |
| 17 | Fundamentals of Data Structures In C | EC8393 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |
| 18 | Electronic Circuits- I | EC8351 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |
| 19 | Signals and Systems | EC8352 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |
| 20 | Digital Electronics | EC8392 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |
| 21 | Control Systems Engineering | EC8391 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|-------------|
| 22 | Fundamentals of Data Structures in C Laboratory | EC8381 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 12-00:00:00 |
| 23 | Analog and Digital Circuits Laboratory | EC8361 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 12-00:00:00 |
| 24 | Antennas and Microwave Engineering | EC8701 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |
| 25 | Optical Communication | EC8751 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |
| 26 | Embedded and Real Time Systems | EC8791 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |
| 27 | Ad hoc and Wireless Sensor Networks | EC8702 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |
| 28 | Cognitive Radio | EC8071 | 2020-21 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |
| 29 | Hospital Management | OCS752 | 2020-21 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 12-00:00:00 |
| 30 | Embedded Laboratory | EC8711 | 2020-21 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 2 | 12-00:00:00 |
| 31 | Advanced Communication Laboratory | EC8761 | 2020-21 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 2 | 12-00:00:00 |
| 32 | Microprocessors and Microcontrollers | EC8691 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 4 | 18-00:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|----------------|-----------------|---|--------------------|---------------|
| 33 | Electronic Circuits II | EC8452 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00:00 |
| 34 | Communication Theory | EC8491 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00:00 |
| 35 | Electromagnetic Fields | EC8451 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 4 | 18-0200:00:00 |
| 36 | Linear Integrated Circuits | EC8453 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00:00 |
| 37 | Environmental Science and Engineering | GE8291 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00:00 |
| 38 | Circuits Design and Simulation Laboratory | EC8461 | 2020-21 | Core Course | Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00:00 |
| 39 | Linear Integrated Circuits Laboratory | EC8462 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 18-0200:00:00 |
| 40 | Microprocessors and Microcontrollers | EC8691 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00:00 |
| 41 | VLSI Design | EC8095 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00:00 |
| 42 | Wireless Communication | EC8652 | 2020-21 | Core Course | Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00:00 |
| 43 | Principles of Management | MG8591 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 44 | Transmission Lines and RF Systems | EC8651 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 45 | Multimedia Compression and Communication | EC8002 | 2020-21 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 46 | Microprocessors and Microcontrollers Laboratory | EC8681 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 18-C 202 00:C |
| 47 | VLSI Design Laboratory | EC8661 | 2020-21 | Core Course | Bachelor | Electronics and Communication Engineering | 2 | 18-C 202 00:C |
| 48 | Technical Seminar | EC8611 | 2020-21 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 1 | 18-C 202 00:C |
| 49 | Professional Communication | HS8581 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 1 | 18-C 202 00:C |
| 50 | Professional Ethics in Engineering | GE8076 | 2020-21 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 51 | Satellite Communication | EC8094 | 2020-21 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 52 | Microprocessors and Microcontrollers Laboratory | EC8681 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 16-C 202 00:C |
| 53 | VLSI Design Laboratory | EC8661 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 16-C 202 00:C |
| 54 | Technical Seminar | EC8611 | 2021-22 | Core Course | Bachelor | Electronics and Communication Engineering | 1 | 16-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|----------------|-----------------|---|--------------------|-------------|
| 55 | VLSI Design Laboratory | EC8661 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 16-00:00:00 |
| 56 | Professional Communication | HS8581 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 1 | 16-00:00:00 |
| 57 | Linear Algebra and Partial Differential Equations | MA8352 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 4 | 18-00:00:00 |
| 58 | Fundamentals of Data Structures In C | EC8393 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-00:00:00 |
| 59 | Electronic Circuits- I | EC8351 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-00:00:00 |
| 60 | Signals and Systems | EC8352 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 4 | 18-00:00:00 |
| 61 | Digital Electronics | EC8392 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-00:00:00 |
| 62 | Control Systems Engineering | EC8391 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-00:00:00 |
| 63 | Fundamentals of Data Structures in C Laboratory | EC8381 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-00:00:00 |
| 64 | Analog and Digital Circuits Laboratory | EC8361 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 18-00:00:00 |
| 65 | Digital Communication | EC8501 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-00:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 66 | Discrete-Time Signal Processing | EC8553 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 4 | 18-C 202 00:C |
| 67 | Computer Architecture and Organization | EC8552 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 68 | Communication Networks | EC8551 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 69 | Medical Electronics | EC8073 | 2021-22 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 70 | Basic of Biomedical Instrumentation | OMD551 | 2021-22 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 71 | Digital Signal Processing Laboratory | EC8562 | 2021-22 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 72 | Communication Systems Laboratory | EC8561 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 18-C 202 00:C |
| 73 | Communication Networks Laboratory | EC8563 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 18-C 202 00:C |
| 74 | Antennas and Microwave Engineering | EC8701 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 75 | Optical Communication | EC8751 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |
| 76 | Embedded and Real Time Systems | EC8791 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|-------------------------------------|-------------|---------------|-----------------|-----------------|---|--------------------|-------------|
| 77 | Optical Communication | EC8751 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00 |
| 78 | Ad hoc and Wireless Sensor Networks | EC8702 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00 |
| 79 | Advanced Wireless Communication | EC8092 | 2021-22 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00 |
| 80 | Testing of Materials | OML751 | 2021-22 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 18-0200:00 |
| 81 | Embedded Laboratory | EC8711 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 18-0200:00 |
| 82 | Advanced Communication Laboratory | EC8761 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 18-0200:00 |
| 83 | Probability and Random Processes | MA8451 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 4 | 16-0200:00 |
| 84 | Electronic Circuits II | EC8452 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 16-0200:00 |
| 85 | Communication Theory | EC8491 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 16-0200:00 |
| 86 | Electromagnetic Fields | EC8451 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 4 | 16-0200:00 |
| 87 | Linear Integrated Circuits | EC8453 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 16-0200:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|-------------|
| 88 | Environmental Science and Engineering | GE8291 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 3 | 16-00:00:00 |
| 89 | Circuits Design and Simulation Laboratory | EC8461 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 16-00:00:00 |
| 90 | Linear Integrated Circuits Laboratory | EC8462 | 2021-22 | Core Course | ,Bachelor | Electronics and Communication Engineering | 2 | 16-00:00:00 |
| 91 | Satellite Communication | EC8094 | 2021-22 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 16-00:00:00 |
| 92 | Digital Image Processing | EC8093 | 2021-22 | Elective Course | ,Bachelor | Electronics and Communication Engineering | 3 | 16-00:00:00 |
| 93 | Discrete Mathematics | MA8351 | 2020-21 | Core Course | Bachelor | Computer Science and Engineering | 4 | 12-00:00:00 |
| 94 | Digital Principles and System Design | CS8351 | 2020-21 | Core Course | Bachelor | Computer Science and Engineering | 4 | 12-00:00:00 |
| 95 | Data Structures | CS8391 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 12-00:00:00 |
| 96 | Object Oriented Programming | EC8395 | 2020-21 | Core Course | | Computer Science and Engineering | 3 | 12-00:00:00 |
| 97 | Communication Engineering | EC8395 | 2020-21 | Core Course | Bachelor | Computer Science and Engineering | 3 | 12-00:00:00 |
| 98 | Data Structures Laboratory | CS8381 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 12-00:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 99 | Object Oriented Programming Laboratory | CS8383 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 12-C 202 00:C |
| 100 | Digital Systems Laboratory | CS8382 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 12-C 202 00:C |
| 101 | Algebra and Number Theory | MA8551 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 4 | 12-C 202 00:C |
| 102 | Computer Networks | CS8591 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 103 | Microprocessors and Microcontrollers | EC8691 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 104 | Theory of Computation | CS8501 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 105 | Object Oriented Analysis and Design | CS8592 | 2020-21 | Core Course | Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 106 | Air Pollution and Control Engineering | EC8681 | 2020-21 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 107 | Object Oriented Analysis and Design Laboratory | EC8681 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 12-C 202 00:C |
| 108 | Object Oriented Analysis and Design Laboratory | CS8582 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 12-C 202 00:C |
| 109 | Networks Laboratory | CS8581 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 12-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|------------------------------------|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 110 | Principles of Management | MG8591 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 111 | Cryptography and Network Security | CS8792 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 112 | Cloud Computing | CS8791 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 113 | Waste Water Treatment | OCY751 | 2020-21 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 114 | Service Oriented Architecture | IT8074 | 2020-21 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 115 | Multi-core Architectures and | CS8083 | 2020-21 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 12-C 202 00:C |
| 116 | Programming | CS8711 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 12-C 202 00:C |
| 117 | Security Laboratory | IT8761 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 12-C 202 00:C |
| 118 | Professional Ethics in Engineering | GE8076 | 2020-21 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 119 | Information Retrieval Techniques | CS8080 | 2020-21 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 120 | Probability and Queueing Theory | MA8402 | 2020-21 | Core Course | Bachelor | Computer Science and Engineering | 4 | 18-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|----------------|-----------------|---|--------------------|---------------------|
| 121 | Computer Architecture | CS8491 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 122 | Database Management Systems | CS8492 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 123 | Design and Analysis of Algorithms | CS8451 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 124 | Operating Systems | CS8494 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 125 | Software Engineering | CS8481 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 126 | Database Management Systems Laboratory | CS8481 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 18-C 202 00:C |
| 127 | Operating Systems Laboratory | CS8461 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 128 | Advanced Reading and Writing | HS8461 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 1 | 18-C 202 00:C |
| 129 | Internet Programming | CS8651 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 130 | Artificial Intelligence | CS8691 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 131 | Artificial Intelligence | CS8691 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 132 | Mobile Computing | CS8601 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 133 | Compiler Design | CS8602 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 4 | 18-C 202 00:C |
| 134 | Data Warehousing and Data Mining | CS8075 | 2020-21 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 135 | Mobile Application Development Laboratory | CS8662 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 18-C 202 00:C |
| 136 | Mini Project | CS8611 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 1 | 18-C 202 00:C |
| 137 | Professional Communication | HS8581 | 2020-21 | Core Course | ,Bachelor | Computer Science and Engineering | 1 | 18-C 202 00:C |
| 138 | Discrete Mathematics | MA8351 | 2021-22 | Core Course | Bachelor | Computer Science and Engineering | 4 | 18-C 202 00:C |
| 139 | Digital Principles and System Design | CS8351 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 140 | Data Structures | CS8391 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 141 | Object Oriented Programming | CS8392 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 142 | Object Oriented Programming | CS8392 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 143 | Communication Engineering | EC8395 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 144 | Data Structures Laboratory | CS8381 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 145 | Object Oriented Programming Laboratory | CS8383 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 18-C 202 00:C |
| 146 | Digital Systems Laboratory | CS8382 | 2021-22 | Core Course | | Computer Science and Engineering | 2 | 18-C 202 00:C |
| 147 | Algebra and Number Theory | MA8551 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 4 | 18-C 202 00:C |
| 148 | Computer Networks | CS8591 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 149 | Microprocessors and Microcontrollers | EC8691 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 150 | Theory of Computation | CS8501 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 151 | Object Oriented Analysis and Design | CS8592 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 152 | Air Pollution and Control Engineering | OCE551 | 2021-22 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 153 | Microprocessors and Microcontrollers Laboratory | EC8681 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 18-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 154 | Object Oriented Analysis and Design Laboratory | CS8582 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 18-C 202 00:C |
| 155 | Networks Laboratory | CS8581 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 18-C 202 00:C |
| 156 | Computer Science and Engineering | MG8591 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 157 | Cryptography and Network Security | CS8792 | 2021-22 | Core Course | Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 158 | Cloud Computing | CS8791 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 159 | Medical Electronics | OEC754 | 2021-22 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 160 | Service Oriented Architecture | IT8074 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 161 | Multi-core Architectures and | CS8083 | 2021-22 | Elective Course | Bachelor | Computer Science and Engineering | 3 | 18-C 202 00:C |
| 162 | Programming | CS8711 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 18-C 202 00:C |
| 163 | Security Laboratory | IT8761 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 18-C 202 00:C |
| 164 | Probability and Queueing Theory | MA8402 | 2021-22 | Core Course | Bachelor | Computer Science and Engineering | 4 | 16-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|----------------|-----------------|---|--------------------|---------------------|
| 165 | Computer Architecture | CS8491 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 166 | Database Management Systems | CS8492 | 2021-22 | Core Course | Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 167 | Design and Analysis of Algorithms | CS8451 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 168 | Operating Systems | CS8493 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 169 | Software Engineering | CS8494 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 170 | Database Management Systems Laboratory | CS8481 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 16-C 202 00:C |
| 171 | Operating Systems Laboratory | CS8461 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 16-C 202 00:C |
| 172 | Advanced Reading and Writing | HS8461 | | Core Course | ,Bachelor | Computer Science and Engineering | 1 | 16-C 202 00:C |
| 173 | Internet Programming | CS8651 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 174 | Artificial Intelligence | CS8691 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 175 | Mobile Computing | CS8601 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 176 | Compiler Design | CS8602 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 4 | 16-C 202 00:C |
| 177 | Distributed Systems | CS8075 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 178 | Data Warehousing and Data Mining | CS8075 | 2021-22 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 179 | Internet Programming Laboratory | CS8661 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 16-C 202 00:C |
| 180 | Mobile Application Development Laboratory | CS8662 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 2 | 16-C 202 00:C |
| 181 | Mini Project | CS8611 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 1 | 16-C 202 00:C |
| 182 | Professional Communication | HS8581 | 2021-22 | Core Course | ,Bachelor | Computer Science and Engineering | 1 | 16-C 202 00:C |
| 183 | Professional Ethics in Engineering | GE8076 | 2021-22 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 184 | Information Retrieval Techniques | CS8080 | 2021-22 | Elective Course | ,Bachelor | Computer Science and Engineering | 3 | 16-C 202 00:C |
| 185 | Transforms and Partial Differential Equations | MA8353 | 2020-21 | Core Course | Bachelor | EEE | 4 | 12-C 202 00:C |
| 186 | Transforms and Partial Differential Equations | MA8353 | 2020-21 | Core Course | Bachelor | EEE | 4 | 12-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|----------------|-----------------|---|--------------------|-------------|
| 187 | Transforms and Partial Differential Equations | MA8353 | 2020-21 | Core Course | Bachelor | Mechanical Engineering | 4 | 12-00:00:00 |
| 188 | Digital Logic Circuits | EE8351 | 2020-21 | Core Course | Bachelor | EEE | 4 | 12-00:00:00 |
| 189 | Electromagnetic Theory | EE8391 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-00:00:00 |
| 190 | Statistics and Numerical Methods | MA8452 | 2020-21 | Core Course | Bachelor | Mechanical Engineering | 4 | 18-00:00:00 |
| 191 | Engineering Thermodynamics | ME8391 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 4 | 26-00:00:00 |
| 192 | Kinematics of Machinery | ME8492 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-00:00:00 |
| 193 | Fluid Mechanics and Machinery | CE8394 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 4 | 12-00:00:00 |
| 194 | Electrical Machines - I | EE8301 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-00:00:00 |
| 195 | Electron Devices and Circuits | EC8353 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-00:00:00 |
| 196 | Manufacturing Technology - I | ME8351 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 26-00:00:00 |
| 197 | Manufacturing Technology | ME8451 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-00:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|----------------|-----------------|---|--------------------|-------------|
| 198 | Power Plant Engineering | ME8792 | 2020-21 | Core Course | Bachelor | EEE | 3 | 12-00:00:00 |
| 199 | Electrical Drives and Controls | EE8353 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 12-00:00:00 |
| 200 | Engineering Metallurgy | ME8491 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-00:00:00 |
| 201 | Electronics Laboratory | EC8311 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 12-00:00:00 |
| 202 | Manufacturing Technology Laboratory - | ME8361 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 12-00:00:00 |
| 203 | Electrical Machines Laboratory - I | EE8311 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 12-00:00:00 |
| 204 | Strength of Materials for Mechanical Engineers | CE8395 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-00:00:00 |
| 205 | Thermal Engineering- I | ME8493 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-00:00:00 |
| 206 | Computer Aided Machine Drawing | ME8381 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 12-00:00:00 |
| 207 | Power System Analysis | EE8501 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-00:00:00 |
| 208 | Thermal Engineering- I | ME8493 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-00:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|-----------------|-----------------|---|--------------------|-------------|
| 209 | Microprocessors and Microcontrollers | EE8551 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-00:00:00 |
| 210 | Electrical Engineering Laboratory | EE8361 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 12-00:00:00 |
| 211 | Power Electronics | EE8552 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-00:00:00 |
| 212 | Manufacturing Technology Laboratory | ME8462 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-00:00:00 |
| 213 | Digital Signal Processing | EE8591 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-00:00:00 |
| 214 | Strength of Materials and Fluid Mechanics and Machinery Laboratory | CE8381 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-00:00:00 |
| 215 | Object Oriented Programming | CS8392 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-00:00:00 |
| 216 | Thermal Engineering- II | ME8595 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 12-00:00:00 |
| 217 | Basics of Biomedical Instrumentation | OMD551 | 2020-21 | Elective Course | ,Bachelor | EEE | 3 | 12-00:00:00 |
| 218 | Advanced Reading and Writing | HS8461 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 1 | 18-00:00:00 |
| 219 | Control and Instrumentation Laboratory | EE8511 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 12-00:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 220 | Design of Machine Elements | ME8593 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 12-C 202 00:C |
| 221 | Professional Communication | HS8581 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 12-C 202 00:C |
| 222 | Object Oriented Programming Laboratory | CS8383 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 12-C 202 00:C |
| 223 | Metrology and Measurements | ME8501 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 12-C 202 00:C |
| 224 | High Voltage Engineering | EE8701 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-C 202 00:C |
| 225 | Dynamics of Machines | ME8594 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 4 | 26-C 202 00:C |
| 226 | Power System Operation and Control | EE8702 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-C 202 00:C |
| 227 | Renewable Energy Systems | EE8703 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 12-C 202 00:C |
| 228 | Renewable Energy Sources | ORO551 | 2020-21 | Elective Course | ,Bachelor | Mechanical Engineering | 3 | 12-C 202 00:C |
| 229 | Testing of Materials | OML751 | 2020-21 | Elective Course | ,Bachelor | EEE | 3 | 12-C 202 00:C |
| 230 | Kinematics and Dynamics Laboratory | ME8511 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 12-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---------------------------------------|-------------|---------------|-----------------|-----------------|---|--------------------|---------------|
| 231 | Disaster Management | GE8071 | 2020-21 | Elective Course | ,Bachelor | EEE | 3 | 12-0200:00:00 |
| 232 | Total Quality Management | GE8077 | 2020-21 | Elective Course | ,Bachelor | EEE | 3 | 12-0200:00:00 |
| 233 | Thermal Engineering Laboratory | ME8512 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 12-0200:00:00 |
| 234 | Power System Simulation Laboratory | EE8711 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 12-0200:00:00 |
| 235 | Metrology and Measurements Laboratory | ME8513 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 12-0200:00:00 |
| 236 | Renewable Energy Systems Laboratory | EE8712 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 12-0200:00:00 |
| 237 | Power Plant Engineering | ME8792 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 12-0200:00:00 |
| 238 | Design of Transmission Systems | ME8651 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 239 | Numerical Methods | MA8491 | 2020-21 | Core Course | ,Bachelor | EEE | 4 | 18-0200:00:00 |
| 240 | Process Planning and Cost Estimation | ME8793 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 12-0200:00:00 |
| 241 | Electrical Machines - II | EE8401 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 18-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 242 | Transmission and Distribution | EE8402 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 18-C 202 00:C |
| 243 | Mechatronics | ME8791 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 12-C 202 00:C |
| 244 | Measurements and Instrumentation | EE8403 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 18-C 202 00:C |
| 245 | Linear Integrated Circuits and Applications | EE8451 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 18-C 202 00:C |
| 246 | Testing of Materials | OML751 | 2020-21 | Elective Course | ,Bachelor | Mechanical Engineering | 3 | 12-C 202 00:C |
| 247 | Control Systems | IC8451 | 2020-21 | Core Course | ,Bachelor | EEE | 4 | 18-C 202 00:C |
| 248 | Computer Aided Design and Manufacturing | ME8691 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-C 202 00:C |
| 249 | Unconventional Machining Processes | ME8073 | 2020-21 | Elective Course | ,Bachelor | Mechanical Engineering | 3 | 12-C 202 00:C |
| 250 | Electrical Machines Laboratory - II | EE8411 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 18-C 202 00:C |
| 251 | Linear and Digital Integrated Circuits Laboratory | EE8461 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 18-C 202 00:C |
| 252 | Non Destructive Testing and Evaluation | ME8097 | 2020-21 | Elective Course | ,Bachelor | Mechanical Engineering | 3 | 12-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|---------------|
| 253 | Technical Seminar | EE8412 | 2020-21 | Core Course | ,Bachelor | EEE | 1 | 18-0200:00:00 |
| 254 | Simulation and Analysis Laboratory | ME8711 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 12-0200:00:00 |
| 255 | Solid State Drives | EE8601 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 18-0200:00:00 |
| 256 | Mechatronics Laboratory | ME8781 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 12-0200:00:00 |
| 257 | Protection and Switch gear | EE8602 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 18-0200:00:00 |
| 258 | Heat and Mass Transfer | ME8693 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 4 | 18-0200:00:00 |
| 259 | Embedded Systems | EE8691 | 2020-21 | Core Course | ,Bachelor | EEE | 3 | 18-0200:00:00 |
| 260 | Technical Seminar | ME8712 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 1 | 12-0200:00:00 |
| 261 | Design of Electrical Apparatus | EE8002 | 2020-21 | Elective Course | ,Bachelor | EEE | 3 | 18-0200:00:00 |
| 262 | Special Electrical Machines | EE8005 | 2020-21 | Elective Course | ,Bachelor | EEE | 3 | 18-0200:00:00 |
| 263 | Power Electronics and Drives Laboratory | EE8661 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 18-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|---------------|
| 264 | Microprocessors and Microcontrollers Laboratory | EE8681 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 18-0200:00:00 |
| 265 | Numerical Methods | MA8491 | 2021-22 | Core Course | Bachelor | EEE | 4 | 18-0200:00:00 |
| 266 | Transforms and Partial Differential Equations | MA8353 | 2021-22 | Core Course | Bachelor | Electrical and Electronics Engineering | 4 | 18-0200:00:00 |
| 267 | Mini Project | EE8611 | 2020-21 | Core Course | ,Bachelor | EEE | 2 | 18-0200:00:00 |
| 268 | Transforms and Partial Differential Equations | MA8353 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 4 | 18-0200:00:00 |
| 269 | Electrical Machines - II | EE8401 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 18-0200:00:00 |
| 270 | Electric Energy Generation Utilization and Conservation | EE8015 | 2020-21 | Elective Course | ,Bachelor | EEE | 3 | 18-0200:00:00 |
| 271 | Engineering Thermodynamics | ME8391 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 4 | 18-0200:00:00 |
| 272 | High Voltage Direct Current Transmission | EE8017 | 2020-21 | Elective Course | ,Bachelor | EEE | 3 | 18-0200:00:00 |
| 273 | Finite Element Analysis | ME8692 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---------------------------------------|-------------|---------------|----------------|-----------------|---|--------------------|---------------------|
| 274 | Digital Logic Circuits | EE8351 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 4 | 18-C 202 00:C |
| 275 | Database Management Systems | CS8492 | 2021-22 | Core Course | Bachelor | EEE | 3 | 18-C 202 00:C |
| 276 | Fluid Mechanics and Machinery | CE8394 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 4 | 18-C 202 00:C |
| 277 | Electromagnetic Theory | EE8391 | 2021-22 | Core Course | | Electrical and Electronics Engineering | 3 | 18-C 202 00:C |
| 278 | Manufacturing Technology - I | ME8351 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-C 202 00:C |
| 279 | Hydraulics and Pneumatics | ME8694 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-C 202 00:C |
| 280 | Electrical Machines - I | EE8301 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-C 202 00:C |
| 281 | Electrical Drives and Controls | EE8353 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-C 202 00:C |
| 282 | Design and Analysis of Algorithms | CS8451 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 16-C 202 00:C |
| 283 | Manufacturing Technology Laboratory - | ME8361 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-C 202 00:C |
| 284 | Electron Devices and Circuits | EC8353 | 2021-22 | Core Course | | Electrical and Electronics Engineering | 3 | 18-C 202 00:C |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|---------------|
| 285 | Transmission and Distribution | EE8402 | 2021-22 | Core Course | Bachelor | EEE | 3 | 16-0200:00:00 |
| 286 | Statistics and Numerical Methods | MA8452 | 2021-22 | Core Course | Bachelor | MECHANICAL | 4 | 16-0200:00:00 |
| 287 | Computer Aided Machine Drawing | ME8381 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-0200:00:00 |
| 288 | Measurements and Instrumentation | EE8403 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 16-0200:00:00 |
| 289 | Electron Devices and Circuits | EC8353 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-0200:00:00 |
| 290 | Automobile Engineering | ME8091 | 2020-21 | Elective Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 291 | Electrical Engineering Laboratory | EE8361 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-0200:00:00 |
| 292 | Linear Integrated Circuits and Applications | EE8451 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 16-0200:00:00 |
| 293 | Power Plant Engineering | ME8792 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-0200:00:00 |
| 294 | Control Systems | IC8451 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 16-0200:00:00 |
| 295 | Control Systems | IC8451 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 16-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|----------------|-----------------|---|--------------------|---------------|
| 296 | Thermal Engineering- II | ME8595 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 297 | CAD CAM Laboratory | ME8681 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-0200:00:00 |
| 298 | Statistics and Numerical Methods | MA8452 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 4 | 16-0200:00:00 |
| 299 | Design of Machine Elements | ME8593 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 300 | Electronics Laboratory | EC8311 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 2 | 18-0200:00:00 |
| 301 | Kinematics of Machinery | ME8492 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 302 | Electrical Machines Laboratory - II | EE8411 | 2021-22 | Core Course | Bachelor | EEE | 2 | 01-0200:00:00 |
| 303 | Metrology and Measurements | ME8501 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 304 | Electrical Machines Laboratory - I | EE8311 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 2 | 18-0200:00:00 |
| 305 | Linear and Digital Integrated Circuits Laboratory | EE8461 | 2021-22 | Core Course | ,Bachelor | EEE | 2 | 16-0200:00:00 |
| 306 | Technical Seminar | EE8412 | 2021-22 | Core Course | ,Bachelor | EEE | 2 | 16-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|-----------------|-----------------|---|--------------------|---------------|
| 307 | Dynamics of Machines | ME8594 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 4 | 18-0200:00:00 |
| 308 | Manufacturing Technology II | ME8451 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 309 | Design and Fabrication Project | ME8682 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-0200:00:00 |
| 310 | Solid State Drives | EE8601 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 16-0200:00:00 |
| 311 | Renewable Energy Sources | ORO551 | 2021-22 | Elective Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 312 | Engineering Metallurgy | ME8491 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 313 | Power System Analysis | EE8501 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-0200:00:00 |
| 314 | Strength of Materials for Mechanical Engineers | CE8395 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 315 | Kinematics and Dynamics Laboratory | ME8511 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-0200:00:00 |
| 316 | Protection and Switchgear | EE8602 | 2021-22 | Core Course | Bachelor | EEE | 3 | 16-0200:00:00 |
| 317 | Microprocessors and Microcontrollers | EE8551 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|-----------------|-----------------|---|--------------------|---------------|
| 318 | Thermal Engineering- I | ME8493 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 319 | Embedded Systems | EE8691 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 16-0200:00:00 |
| 320 | Thermal Engineering Laboratory | ME8512 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-0200:00:00 |
| 321 | Manufacturing Technology Laboratory II | ME8462 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 2 | 16-0200:00:00 |
| 322 | Design of Electrical Apparatus | EE8002 | 2021-22 | Core Course | Bachelor | EEE | 3 | 16-0200:00:00 |
| 323 | Strength of Materials and Fluid Mechanics and Machinery Laboratory | CE8381 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 2 | 16-0200:00:00 |
| 324 | Professional Communication | HS8581 | 2020-21 | Core Course | ,Bachelor | mechanical Engineering | 1 | 18-0200:00:00 |
| 325 | Power Electronics | EE8552 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-0200:00:00 |
| 326 | Metrology and Measurements Laboratory | ME8513 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 31-0200:00:00 |
| 327 | Special Electrical Machines | EE8005 | 2021-22 | Elective Course | ,Bachelor | EEE | 3 | 16-0200:00:00 |
| 328 | Advanced Reading and Writing | HS8461 | 2021-22 | Core Course | Bachelor | MECHANICAL | 1 | 16-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|----------------|-----------------|---|--------------------|---------------|
| 329 | Power Electronics and Drives Laboratory | EE8661 | 2021-22 | Core Course | ,Bachelor | EEE | 2 | 16-0200:00:00 |
| 330 | Power Plant Engineering | ME8792 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 331 | Digital Signal Processing | EE8591 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-0200:00:00 |
| 332 | Design of Transmission Systems | ME8651 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 333 | Process Planning and Cost Estimation | ME8793 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 31-0200:00:00 |
| 334 | Computer Aided Design and Manufacturing | ME8691 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 335 | Microprocessors and Microcontrollers Laboratory | EE8681 | 2021-22 | Core Course | ,Bachelor | EEE | 2 | 16-0200:00:00 |
| 336 | Object Oriented Programming | CS8392 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-0200:00:00 |
| 337 | Heat and Mass Transfer | ME8693 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 4 | 16-0200:00:00 |
| 338 | Mechatronics | ME8791 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 339 | Mini Project | EE8611 | 2021-22 | Core Course | ,Bachelor | EEE | 2 | 16-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|-----------------|-----------------|---|--------------------|---------------|
| 340 | Finite Element Analysis | ME8692 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 341 | Basics of Biomedical Instrumentation | OMD551 | 2021-22 | Elective Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-0200:00:00 |
| 342 | Hydraulics and Pneumatics | ME8694 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 343 | Testing of Materials | OML751 | 2021-22 | Elective Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 344 | Automobile Engineering | ME8091 | 2021-22 | Elective Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 345 | Control and Instrumentation Laboratory | EE8511 | 2021-22 | Core Course | | Electrical and Electronics Engineering | 2 | 18-0200:00:00 |
| 346 | CAD CAM Laboratory | ME8681 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 2 | 16-0200:00:00 |
| 347 | Unconventional Machining Processes | ME8073 | 2021-22 | Elective Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 348 | High Voltage Direct Current Transmission | EE8017 | 2021-22 | Elective Course | ,Bachelor | EEE | 3 | 16-0200:00:00 |
| 349 | Principles of Management | MG8591 | 2020-21 | Core Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 350 | Design and Fabrication Project | ME8682 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 2 | 16-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|--|-------------|---------------|-----------------|-----------------|---|--------------------|---------------|
| 351 | Professional Communication | HS8581 | 2021-22 | Core Course | | Electrical and Electronics Engineering | 2 | 18-0200:00:00 |
| 352 | Non Destructive Testing and Evaluation | ME8097 | 2021-22 | Elective Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 353 | Professional Communication | HS8581 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 1 | 16-0200:00:00 |
| 354 | Object Oriented Programming Laboratory | CS8383 | 2021-22 | Core Course | ,Bachelor | Electrical and Electronics Engineering | 2 | 18-0200:00:00 |
| 355 | Entrepreneurship Development | MG8091 | 2020-21 | Elective Course | ,Bachelor | Mechanical Engineering | 3 | 18-0200:00:00 |
| 356 | Principles of Management | MG8591 | 2021-22 | Core Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 357 | Simulation and Analysis Laboratory | ME8711 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-0200:00:00 |
| 358 | Entrepreneurship Development | MG8091 | 2021-22 | Elective Course | ,Bachelor | MECHANICAL | 3 | 16-0200:00:00 |
| 359 | Mechatronics Laboratory | ME8781 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 2 | 18-0200:00:00 |
| 360 | High Voltage Engineering | EE8701 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 18-0200:00:00 |
| 361 | Technical Seminar | ME8712 | 2021-22 | Core Course | ,Bachelor | Mechanical Engineering | 1 | 18-0200:00:00 |

| Srno | Title of Course | Course Code | Academic Year | Type of Course | Level of Course | Course Offering Department/ Centre/ Unit Name | Total Credit Score | Cou Sta Dat |
|------|---|-------------|---------------|-----------------|-----------------|---|--------------------|---------------------|
| 362 | Power System Operation and Control | EE8702 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 18-C 202 00:C |
| 363 | Electric Energy Generation Utilization and Conservation | EE8015 | 2021-22 | Elective Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-C 202 00:C |
| 364 | Renewable Energy Systems | EE8703 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 18-C 202 00:C |
| 365 | High Voltage Direct Current Transmission | EE8017 | 2021-22 | Elective Course | ,Bachelor | Electrical and Electronics Engineering | 3 | 18-C 202 00:C |
| 366 | Testing of Materials | OML751 | 2021-22 | Elective Course | ,Bachelor | EEE | 3 | 18-C 202 00:C |
| 367 | Disaster Management | GE8071 | 2021-22 | Core Course | ,Bachelor | EEE | 3 | 18-C 202 00:C |
| 368 | Total Quality Management | GE8077 | 2021-22 | Elective Course | ,Bachelor | EEE | 3 | 31-C 202 00:C |
| 369 | Power System Simulation Laboratory | EE8711 | 2021-22 | Core Course | ,Bachelor | EEE | 2 | 18-C 202 00:C |
| 370 | Renewable Energy Systems Laboratory | EE8712 | 2021-22 | Core Course | ,Bachelor | EEE | 2 | 18-C 202 00:C |

2.2) Non-Academic Courses in Innovation, Entrepreneurship and IPR

| Srno | Title of Course | Academic Year | Type of Certificate Program | Certificate Program/MDP/FDP/EDP Sponsored/Supported by | Certificate Program Offering Department/ Centre/ Unit Name | Program Start Date |
|------|--------------------------------|---------------|--------------------------------|--|--|---------------------|
| 1 | DIGITAL IMAGE PROCESSING | 2021-22 | Short-term Certificate Program | Self Sponsored/Supported | ELECTRONICS AND COMMUNICATION ENGINEERING | 13-09-2021 00:00:00 |
| 2 | MOBILE APPLICATION DEVELOPMENT | 2021-22 | Short-term Certificate Program | Self Sponsored/Supported | COMPUTER SCIENCE AND ENGINEERING | 12-10-2021 00:00:00 |
| 3 | Interfacing with the Arduino | 2021-22 | Short-term Certificate Program | Self Sponsored/Supported | Electrical and Electronics Engineering | 20-09-2021 00:00:00 |

Section 3: Pre-Incubation and Incubation Infrastructure & Facilities are Currently in Operation to Promote I&E Agenda (AY 2020-21 & 2021-22)

3.1) Existence of Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Cell/Startup Cell) (>= 600 Sq. Ft. Floor Area)

| Sr. No. | Type of the Unit | Name of Unit | In-charge Name | Contact no | Email | Govt. Schemes |
|---------|------------------|--------------|----------------|------------|-------|---------------|
| | | | | | | |

| Sr. No. | Type of the Unit | Name of Unit | In-charge Name | Contact no | Email | Govt. Schemes |
|---------|---------------------------|----------------|----------------|----------------------|--|--|
| 1 | OASYS CYBERNETICS PVT LTD | Mr.Arun Prabhu | 9080434123 | arunprabu.p@oasys.co | Mentoring Support,Seed Grant Support,Pre-Incubation Facility Support (MeitY) | Prototype and Innovative Business Plan Development),Incubation Facility Support (Innovative Business Model to Startup and Market Linkage & Growth Stage) |

3.2) Existence of Incubation Facility (>= 1500 Sq. Ft. Floor Area)

| Sr. No. | Name of Unit | In-charge Name | Contact no | Email | Govt. Schemes |
|---------|-------------------------------|----------------|------------|-----------------|---------------|
| 1 | OASYS INSTITUTE OF TECHNOLOGY | KALYAN TB | 7358045580 | kalyan@oasys.co | MeitY |

3.3) Existence of IPR Cell / Patent Facilitation Unit / Technology Transfer Centre at the institute

| Sr. No. | Type of the Unit | Name of Unit | In-charge Name | Contact no | Email | Govt. Schemes |
|---------|---------------------------------|-------------------------------|----------------|------------|-----------------|-------------------|
| 1 | Technology Transfer Centre /TTO | OASYS INSTITUTE OF TECHNOLOGY | KALYAN TB | 7358045580 | kalyan@oasys.co | Mentoring Support |

Section 4: Generation and Support of Ideas / Prototypes / Innovations at HEI and Recognition received (AY 2020-21 & 2021-22)

4) Total no. of Innovations (Verified and Recommended) in Different TRLs (4-9) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 16th October 2022)

| Sr. No. | Innovation Name | Developed as part of | FY of Development (FY. 2020-21,2021-22) | TRL Stage | Team Lead/Innovator Name | Current Engagement of Team Lead in Institute | Contact No | Ema |
|---------|-----------------|----------------------|---|-----------|--------------------------|--|------------|-----|
|---------|-----------------|----------------------|---|-----------|--------------------------|--|------------|-----|

No Data Found

Section 5: Start-ups/Ventures Established and Supported at HEI and & Recognitions Received (AY 2020-21 & 2021-22)

5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 16th October 2022)

| Sr. No. | Startup/Venture Name | Startup/Venture Registered as | GST Registration/LLP Registration/CIN No | FY of Establishment | Startup/Venture Recognized by DPIIT/Startup India | FY of Start Rece Supp from Incul unit. Insti |
|---------|----------------------|-------------------------------|--|---------------------|---|--|
|---------|----------------------|-------------------------------|--|---------------------|---|--|

No Data Found

Section 6: Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

6) Collaboration with Other Incubation Units, HEIs and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at HEI (AY 2020-21 & 2021-22)

| Sr. No. | Collaborated Agency Name | Collaborated Agency Type | Period of Collaboration (No. of Years) | Current Status of Collaboration | Date of MOU / Agreement Signed on | View |
|---------|--------------------------|--------------------------|--|---------------------------------|-----------------------------------|------|
|---------|--------------------------|--------------------------|--|---------------------------------|-----------------------------------|------|

| Sr. No. | Collaborated Agency Name | Collaborated Agency Type | Period of Collaboration (No. of Years) | Current Status of Collaboration | Date of MOU / Agreement Signed on | View |
|---------|----------------------------------|--------------------------------|--|---------------------------------|-----------------------------------|-------------------------------|
| 1 | OASYS CYBERNETICS PVT LTD | Corporate/Industry Association | 2 | Active | 21-09-2022 | View (/Upload |
| 2 | OASYS ONE STOP SOLUTION PVT LTD | Corporate/Industry Association | 2 | Active | 21-09-2022 | View (/Upload |
| 3 | DATA CORP TRAFIC PRIVATE LIMITED | Corporate/Industry Association | 2 | Active | 21-09-2021 | View (/Upload |
| 4 | TroonDX Technologies pvt ltd | Corporate/Industry Association | 2 | Active | 21-09-2021 | View (/Upload |
| 5 | SASTRA UNIVERSITY | Educational Institute | 1 | Active | 11-02-2022 | View (/Upload |

Section 7: Intellectually Property (IP) Generated and Commercialization

7.1) IPR Filed and Published (Copyrights & Design only)

| Sr. No. | Title/Name of IP (Copyright/Design Only) | Type of IP | IP Registration Number of Copyright/Design | Date of Filed/Published | Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society? |
|---------|---|------------|--|-------------------------|--|
| 1 | Patent data lake with blockchain and IoT enabled access control | Design | 56363/2022410 | 22-06-2022 | No |

| | Title/Name of IP | Type of IP | IP Registration | | Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society? |
|---------|--|------------|--|------------------------------------|--|
| Sr. No. | (Copyright/Design Patent data lake with blockchain | Design | Number of Copyright/Design 56363/2022410 | Date of Filed/Published 22-06-2022 | No |
| | and IoT enabled access control | | | | |

7.2) Patents Filed by HEI

| Sr. No. | Title/Name of Patent | IP Registration Number | Date of Filed/Published |
|---------|---|------------------------|-------------------------|
| 1 | Patent data lake with blockchain and IoT enabled access control | 56363/2022410 | 22-06-2022 |

7.3) Patent Published / Granted Data

7.4) IP Commercialized and Transferred to Industry/Startup

| Sr. No. | Name of Technology Licenced/Transferred/Commercialized | Technology Type | Patent/Licence Holder name (Institute Co-ownership is Must) | Technology Transferred to | Name of Licensee |
|---------|--|-----------------|---|---------------------------|------------------|
| | No Data Found | | | | |



Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. M.ARULKUMARAN** (Head of Institute) and **Mr. V.NATARAJAN** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

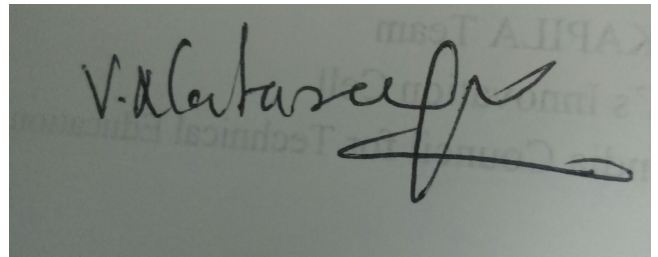
Thank you

The Head of Institute



Dr. M.ARULKUMARAN,
Head of the Institution,
OASYS Institute of Technology,
Tiruchirappalli District, Tamil Nadu

Nodal officer



Mr. V.NATARAJAN,
Nodal Officer,
OASYS Institute of Technology,
Tiruchirappalli District, Tamil Nadu