

## 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 7th November 2022 )	Status
Registered in the NISP portal for I&E Policy Adoption	Yes
Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy	Yes
Institute has Action Plans for Implementation of the I&E Policy	Yes

#### Contact:

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### 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)	0
IIC 3.0 (2020-21)	1
IIC 4.0 (2021-22)	4

#### Contact:

IIC President of the Institute:	Dr Vikas Madhukar
Designation:	Pro Vice Chancellor

Email ID:	vmadhukar@ggn.amity.edu
Mobile No.	9818153629

### 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	Dr Ranjana Kothari	Advance	0
2	Dr Anirban Das	Advance	0
3	Dr Asim Kumar	Advance	0
4	DR Sunil Sikka	Advance	0
5	Dr Sangeeta Kumari	Advance	0
6	Dr Aarti Chugh	Advance	0
7	Dr. Lakshminarasimhan Krishnaswamy	Advance	0
8	Ankit Kumar	Basic	0
9	Dr Monica Yadav	Advance	0
10	Dr Dipti Vaya	Advance	0

### 1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	U-0155	Yes
HEI Participated in the Smart India Hackathon (2022)	U-0155	Yes

## 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
1	IPR Biosafety and Bioethics	BTH4306	2020-21	Core Course	Bachelor	Amity Institute of Biotechnology
2	IPR	BTE4205	2020-21	Core Course	Bachelor	Amity Institute of Biotechnology
3	Instrumentation and Research Methodology	BTE4103	2020-21	Core Course	Master	Amity Institute of Biotechnology
4	Microbial Technology	BTH2107	2020-21	Core Course	Master	Amity Institute of Biotechnology
5	Stem Cells and Gene Therapy	BTH2503	2020-21	Core Course	Master	Amity Institute of Biotechnology
6	Recombinant DNA Technology	BTH2601	2020-21	Core Course	Master	Amity Institute of Biotechnology
7	Stem Cell and Gene Therapy	BTH2503	2020-21	Core Course	Bachelor	Amity Institute of Biotechnology
8	Biosensors	BTH2505	2020-21	Core Course	Bachelor	Amity Institute of Biotechnology
9	Marine biotechnology	BTH2504	2020-21	Core Course	Bachelor	Amity Institute of Biotechnology
10	Recombinant DNA Technology	BTH2601	2020-21	Core Course	Bachelor	Amity Institute of Biotechnology
11	Immunology and Immunotechnology	BTE2603	2020-21	Core Course	Bachelor	Amity Institute of Biotechnology

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12	DESIGN DEVELOPMENT	VDF2552	2020-21	Core Course	Bachelor	Amity Institute of Design
13	DESIGN ECO-SYSTEM	VDF2152	2020-21	Elective Course	Bachelor	Amity Institute of Design
14	DESIGN PREPARATORY PROCESS	VDF2352	2020-21	Elective Course	Bachelor	Amity Institute of Design
15	PROTOTYPE GARMENT DEVELOPMENT	VDF2452	2020-21	Core Course	Bachelor	Amity Institute of Design
16	COMPUTER AIDED MANUFACTURING	FDT2351	2020-21	Core Course	Bachelor	Amity Institute of Design
17	FASHION ART ILLUSTRATION AND MODEL DRAWING	FDT2151	2020-21	Elective Course	Bachelor	Amity Institute of Design
18	FASHION FORECASTING	FDT2551	2020-21	Elective Course	Bachelor	Amity Institute of Design
19	FASHION DESIGN RESEARCH	VDF2252	2020-21	Elective Course	Bachelor	Amity Institute of Design
20	HEALTH AND SAFETY EQUILIBRIUM	VDF2652	2020-21	Elective Course	Bachelor	Amity Institute of Design
21	PROTOTYPE GARMENT DEVELOPMENT	VDF2452	2020-21	Core Course	Bachelor	Amity Institute of Design
22	FASHION MANAGEMENT	FDT2451	2020-21	Elective Course	Bachelor	Amity Institute of Design

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23	FASHION RETAILING AND VISUAL MERCHANDISING	FDT2651	2020-21	Elective Course	Bachelor	Amity Institute of Design
24	FASHION THEORY	FDT2251	2020-21	Elective Course	Bachelor	Amity Institute of Design
25	CONCEPT AND THEORETICAL UNDERSTANDING OF HUMAN RIGHTS	LAW2152	2020-21	Elective Course	Bachelor	Amity Law School
26	CONTEMPORARY HUMAN RIGHTS SITUATIONS AND ISSUES	LAW2352	2020-21	Elective Course	Bachelor	Amity Law School
27	LEGISLATION THEMES IN HUMAN RIGHTS	LAW2552	2020-21	Elective Course	Bachelor	Amity Law School
28	SPECIFIC THEMES IN HUMAN RIGHTS	LAW2452	2020-21	Elective Course	Bachelor	Amity Law School
29	SYSTEMS ORGANISATIONS AND INSTRUMENTS OF HUMAN RIGHTS	LAW2252	2020-21	Elective Course	Bachelor	Amity Law School
30	Law of Evidence	LAW2502	2020-21	Core Course	Bachelor	Amity Law School
31	Cyber Laws	LAW2606	2020-21	Core Course	Bachelor	Amity Law School
32	Investment and Competition Law	LAW2801	2020-21	Core Course	Bachelor	Amity Law School

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33	INTELLECTUAL PROPERTY RIGHTS AND QUALITY ASSURANCE	CHY2751	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
34	Biochemical Engineering (BCH 4104)	BCH4104	2020-21	Core Course	Master	Amity School of Applied Sciences
35	Biochemical Engineering Lab (BCH 4107)	BCH4107	2020-21	Core Course	Master	Amity School of Applied Sciences
36	Plastic Waste Recycling	PTE2251	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
37	Biochemistry of Proteins and Enzymes	BCH4109	2020-21	Core Course	Master	Amity School of Applied Sciences
38	Cell Biology and Signaling	BCH4110	2020-21	Core Course	Master	Amity School of Applied Sciences
39	Recombinant DNA Technology	BCH4301	2020-21	Core Course	Master	Amity School of Applied Sciences
40	Advanced Genetics	BCH4302	2020-21	Core Course	Master	Amity School of Applied Sciences
41	Neurobiochemistry	BCH4401	2020-21	Elective Course	Master	Amity School of Applied Sciences
42	Human Anatomy and Physiology	FCH2107	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
43	Metric system and PPOF3	FCH2203	2020-21	Core Course	Bachelor	Amity School of Applied Sciences

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44	DNA Fingerprinting	FCH2505	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
45	DNA Fingerprinting Lab	FCH2511	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
46	Criminology Criminal Law and Police administration	FCH4101	2020-21	Core Course	Master	Amity School of Applied Sciences
47	Crime Scene Investigation (CSI) - Lab	FCH4108	2020-21	Core Course	Master	Amity School of Applied Sciences
48	Forensic Photography	FCH4201	2020-21	Core Course	Master	Amity School of Applied Sciences
49	Arson andExplosives	FCH4211	2020-21	Core Course	Master	Amity School of Applied Sciences
50	Cyber Forensic and Computer Applications	FCH4317	2020-21	Core Course	Master	Amity School of Applied Sciences
51	Forensics Wildlife and Entomology	FCH4321	2020-21	Core Course	Master	Amity School of Applied Sciences
52	Computer programming in C	PHY2306	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
53	Term Paper and Workshop	PHY2331	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
54	Digital Electronics	PHY2411	2020-21	Core Course	Bachelor	Amity School of Applied Sciences

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55	Laser Physics	PHY2406	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
56	Summer Project	PHY2535	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
57	Introduction to MATLAB	PHY2512	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
58	Introduction to Astronomy	PHY2611	2020-21	Core Course	Bachelor	Amity School of Applied Sciences
59	Digital Electronics and Microprocessors	PHY4306	2020-21	Core Course	Master	Amity School of Applied Sciences
60	Computational Physics	PHY4110	2020-21	Core Course	Master	Amity School of Applied Sciences
61	Renewable Energy Resources	PHY4317	2020-21	Core Course	Master	Amity School of Applied Sciences
62	Introduction to Computers and Programming in C and its Lab	CSE 2104, CSE 2107	2020-21	Core Course	Bachelor, Master	Amity School of Engineering and Technology
63	Introduction to Computers and Programming in C and Lab	CSE 2104, CSE 2107	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
64	Object Oriented Programming using C plus plus	CSE 2204	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology



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65	Introduction to Computers and Programming in C	CSE 2104	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
66	Programming in C Lab	CSE 2107	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
67	Object Oriented Programming using C plus plus Lab	CSE2208	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
68	Introduction to Object Oriented Programming with C plus plus and its Lab	CSE 2204, CSE 2208	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
69	Object Oriented Programming using C plus plus Lab	CSE 2208	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
70	Computer Aided Manufacturing	MAE2701	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
71	Introduction to Computers and Programming in C	CSE2104	2020-21	Elective Course	Bachelor	Amity School of Engineering and Technology

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72	Programming in C Lab	CSE2107	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
73	Object Oriented Programming using C plus plus	CSE2204	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
74	Basics of Mechanical Engg lab	CSE2209	2020-21	Core Course	Master	Amity School of Engineering and Technology
75	Introduction to Computers and Programming in C and its Lab	(ECE2105, ECE 2110), (EEE2105, EEE2110), BME2104,B	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
76	Object Oriented Programming using C plus plus and Lab	(ECE2203, ECE2206), (EEE2203, EEE2206), (BME2205,	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
77	Basics of Mechanical Engg lab	(ECE2104, ECE2109), (EEE2104,EEE2108), (BME2106,BM	2020-21	Core Course	Master	Amity School of Engineering and Technology
78	Renewable Energy Conversion systems and its field work	RWE4101	2020-21	Core Course	Master	Amity School of Engineering and Technology

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79	Introduction to Solar Photovoltaics and Solar Radiation measurement Lab	RWE4102 and RWE4107	2020-21	Core Course	Master	Amity School of Engineering and Technology
80	Introduction to Solar Thermal Tech	RWE4103	2020-21	Core Course	Master	Amity School of Engineering and Technology
81	Solar Thermal Systems and its lab	RWE4201 and RWE4206	2020-21	Core Course	Master	Amity School of Engineering and Technology
82	Fabrication of Solar Cells Material and designing aspects	RWE4202	2020-21	Core Course	Master	Amity School of Engineering and Technology
83	Instrumental Analysis	RWE4203	2020-21	Core Course	Master	Amity School of Engineering and Technology
84	Energy Storage	RWE4204	2020-21	Core Course	Master	Amity School of Engineering and Technology
85	Financial Evaluation of Renewable Energy Systems	RWE4205	2020-21	Core Course	Master	Amity School of Engineering and Technology

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86	Energy access and planning	RWE4207	2020-21	Core Course	Master	Amity School of Engineering and Technology
87	Risk management in renewable energy projects	RWE4209	2020-21	Core Course	Master	Amity School of Engineering and Technology
88	Modelling and simulation of solar Thermal systems and field work	RWE4301	2020-21	Core Course	Master	Amity School of Engineering and Technology
89	Designing of Solar Rooftop Grid Off-grid PV System and its lab	RWE4302	2020-21	Core Course	Master	Amity School of Engineering and Technology
90	Large Scale Grid Integration of Renewable energy Sourceson	RWE4309	2020-21	Core Course	Master	Amity School of Engineering and Technology
91	Designing of Solar projects	RWE4307	2020-21	Core Course	Master	Amity School of Engineering and Technology
92	Biofuels and Biomethanation	RWE4303	2020-21	Core Course	Master	Amity School of Engineering and Technology

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93	Smart grids and renewables	RWE 4310	2020-21	Core Course	Master	Amity School of Engineering and Technology
94	Energy Management	RWE4401	2020-21	Core Course	Master	Amity School of Engineering and Technology
95	Green Buildings	RWE4403	2020-21	Core Course	Master	Amity School of Engineering and Technology
96	Basics of Mechanical Engg lab	SAE4107	2020-21	Core Course	Master	Amity School of Engineering and Technology
97	Basics of Mechanical Engg lab	SAE4107	2020-21	Core Course	Master	Amity School of Engineering and Technology
98	Electronics Lab	SAE4108	2020-21	Core Course	Master	Amity School of Engineering and Technology
99	Solar Thermal Engineering Conversion and storage Flat plate collectors concentrator	SAE4201	2020-21	Core Course	Master	Amity School of Engineering and Technology

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100	Solar PV cells Physics and Fabrication tech	SAE4202	2020-21	Core Course	Master	Amity School of Engineering and Technology
101	Solar Energy storage systems	SAE4203	2020-21	Core Course	Master	Amity School of Engineering and Technology
102	Energy Management related to Renewable Energy Systems	SAE4204	2020-21	Core Course	Master	Amity School of Engineering and Technology
103	Financial Evaluation of renew energy tech	SAE4212	2020-21	Elective Course	Master	Amity School of Engineering and Technology
104	Modelling and simulation of solar thermal systems	SAE4301	2020-21	Core Course	Master	Amity School of Engineering and Technology
105	Advanced Energy Systems	SAE4314	2020-21	Elective Course	Master	Amity School of Engineering and Technology
106	Energy Policy	RWE4402/ SAE4401	2020-21	Core Course	Master	Amity School of Engineering and Technology

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107	Dissertation Seminar and Progress Report Comprehensive Viva	"RWE4437/ SAE4437"		Core Course	Master	Amity School of Engineering and Technology
108	Control Systems	ECE2503	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
109	VLSI Design and Lab	ECE6605	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
110	Digital Signal Processing and Lab	ECE6606	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
111	Antenna and Wave Propagation	ECE6603	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
112	Radar and Satellite Communications and Lab	ECE6611	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
113	Microwave Engineering and Lab	ECE6705	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology

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114	Mobile Communications	ECE6712	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
115	Measurement and Measuring Instruments and Lab	ECE6716	2020-21	Core Course	,Bachelor	Amity School of Engineering and Technology
116	Control System and Lab	EEE2510	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
117	Power System-II and Lab	EEE2604	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
118	Electric Machine-II and Lab	EEE2605	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
119	Electric Power Generation Transmission and Distribution-I	EEE2603	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
120	Modern and Digital Control Engineering	EEE2608	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology



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121	Utilization of Electric Energy	EEE2606	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
122	Substation Engineering	EEE2607	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
123	Electric Power Transmission and Distribution-II	EEE2701	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
124	Software Engineering and Lab	EEE2708	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
125	Power Electronics	ECE2814	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
126	High Voltage Engineering	EEE2802	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
127	Nuclear Power Engineering	EEE2803	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology

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128	Thermal Power Engineering	EEE2804	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
129	Hydro Power Engineering	EEE2805	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
130	Solar Engineering	EEE2806	2020-21	Core Course	,Bachelor	Bachelor
131	Summer Internship Evaluation-I	EEE2535	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
132	Software Engineering	EEE2704	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
133	Project-Dissertation	EEE2837	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
134	Construction Engineering Practices and its lab	CME4312 and CME4313	2020-21	Core Course	Master	Amity School of Engineering and Technology
135	Civil Engineering Materials and its lab	CME4102 and CME 4103	2020-21	Core Course	Master	Amity School of Engineering and Technology

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136	Applied Numerical Methods	CIV4101	2020-21	Core Course	,Master	Amity School of Engineering and Technology
137	Pre-Engineered Construction Technology	CME4212	2020-21	Core Course	Master	Amity School of Engineering and Technology
138	Contract Laws and Regulations	CME4314	2020-21	Core Course	Master	Amity School of Engineering and Technology
139	Construction Methods and Equipment	CME4201	2020-21	Core Course	Master	Amity School of Engineering and Technology
140	Construction Quality and Safety Management	CME4310	2020-21	Core Course	Master	Amity School of Engineering and Technology
141	Research Methodology and Technical Report Writing	CIV4201	2020-21	Core Course	Master	Amity School of Engineering and Technology
142	Building Services and Maintenance Management	CME4203	2020-21	Core Course	Master	Amity School of Engineering and Technology

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143	Systems Design and Value Analysis	CME4204	2020-21	Core Course	Master	Amity School of Engineering and Technology
144	Structural Optimization	STE4311/ CME 4311	2020-21	Core Course	Master	Amity School of Engineering and Technology
145	Construction Planning and Management	CME4213	2020-21	Core Course	Master	Amity School of Engineering and Technology
146	Reliability Analysis in Construction Management	CME4207	2020-21	Core Course	Master	Amity School of Engineering and Technology
147	Sustainable Constructions	CIV4102	2020-21	Core Course	Master	Amity School of Engineering and Technology
148	Construction Economics and Finance	CME4301	2020-21	Core Course	Master	Amity School of Engineering and Technology
149	Highway Construction and Maintenance and its lab	CME4302 and CME4303	2020-21	Core Course	Master	Amity School of Engineering and Technology

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150	Construction Methods in Geotechnical Engineering and its lab	CME4304 and CME 4305	2020-21	Core Course	Master	Amity School of Engineering and Technology
151	Disaster Mitigation and Management	CIV4103	2020-21	Core Course	Master	Amity School of Engineering and Technology
152	GIS in Construction Engineering	CME4307	2020-21	Core Course	Master	Amity School of Engineering and Technology
153	Operations Strategy	CME4308	2020-21	Core Course	Master	Amity School of Engineering and Technology
154	Process Analysis and Theory of Constraints	CME4211	2020-21	Core Course	Master	Amity School of Engineering and Technology
155	Advanced Structural Analysis	STE4212	2020-21	Core Course	Master	Amity School of Engineering and Technology
156	Advanced Concrete Design	STE4211	2020-21	Core Course	Master	Amity School of Engineering and Technology

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157	Finite Element Method	STE4213	2020-21	Core Course	Master	Amity School of Engineering and Technology
158	Offshore Structures	STE4312	2020-21	Core Course	Master	Amity School of Engineering and Technology
159	Structural Engineering Lab	STE4310	2020-21	Core Course	Master	Amity School of Engineering and Technology
160	Object Oriented Programming using C plus plus and Lab	BME2205/BME2209	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
161	Analog Electronics-I and Lab	BME2302/BME2306	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
162	Signals and Systems and Lab	BME2413/BME2414	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
163	Medical Imaging Techniques	BME2314	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology

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164	Human Anatomy and Physiology-I	BME2351	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
165	Microprocessor Systems and Lab	BME2501/BME2504	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
166	Tissue Engineering and Lab	BME2551/BME2505	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
167	Java Programming and Lab	BME2506/BME2508	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
168	Microcontroller and its Biomedical Applications	BME2601	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
169	Artificial Organs and Rehabilitation Engineering	BME2602	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
170	Physiology Control System and Simulation Modeling	BME2603	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology

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171	Biomechanics and Lab	BME2651/BME2605	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
172	Hospital Management System	BME2607	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
173	Medical Image Processing and Laboratory	BME2751/BME2703	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
174	Bitransport Phenomenon and Biofluids	BME2701	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
175	Soft Computing	BME2708	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
176	Introduction to Medical Physics	BME2802	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
177	Mobile Communications	ECE 2720	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology



<b>Srno</b>	<b>Title of Course</b>	<b>Course Code</b>	<b>Academic Year</b>	<b>Type of Course</b>	<b>Level of Course</b>	<b>Course Offering Department/ Centre/ Unit Name</b>
178	Measurement and Measuring Instruments and Lab	ECE 2714/ EEE 2715, EEE 2714/ EEE 2703	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
179	Digital Image Processing and Lab	ECE 2712/ ECE 2713	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
180	Instrumentation	ECE 2803	2020-21	Elective Course	Bachelor	Amity School of Engineering and Technology
181	RTOS Programming	ECE 2805	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
182	Verilog Programming and Lab	ECE 2806/ ECE 2813	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
183	Advanced Networking	ECE 2807	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
184	Advanced VLSI Design	ECE 2812	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology

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185	Power Electronics	ECE 2814	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
186	Electric Power Transmission and Distribution-II	EEE 2701	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
187	Robotics and Mechatronics and Lab	EEE 2706/EEE 2710	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
188	Project (With Presentation and Evaluation)	ECE 2732/ EEE 2732	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
189	Power Electronics	EEE 2801	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
190	Java Programming and Lab	CSE 2503	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
191	Advanced Java Programming and Lab	CSE 2604	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology

<b>Srno</b>	<b>Title of Course</b>	<b>Course Code</b>	<b>Academic Year</b>	<b>Type of Course</b>	<b>Level of Course</b>	<b>Course Offering Department/ Centre/ Unit Name</b>
192	Digital Image Processing and Lab	CSE2803,CSE2805	2020-21	Elective Course	Bachelor	Amity School of Engineering and Technology
193	Computer Graphics and its Lab	CSE2710, CSE2712	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
194	Mobile Computing	CSE2707	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
195	Cryptography and Network Security and Lab	CSE2713, CSE2715	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
196	System Programming and Compiler Constrution Lab	CSE2714, CSE2716	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
197	Data Warehousing and Data Mining with Lab	CSE2701, CSE2704	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
198	Soft Computing	CSE2751	2020-21	Elective Course	Bachelor	Amity School of Engineering and Technology

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199	Mobile Computing	CSE2707	2020-21	Elective Course	Bachelor	Amity School of Engineering and Technology
200	Project-Dissertation	CSE2837	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
201	Advanced Data Structure and Algorithms	AIE4101	2020-21	Core Course	Master	Amity School of Engineering and Technology
202	Advanced Database Management Systems	AIE4102	2020-21	Core Course	Master	Amity School of Engineering and Technology
203	Digital Computer Organization	AIE4103	2020-21	Core Course	Master	Amity School of Engineering and Technology
204	Advanced Computer Networks	AIE4104	2020-21	Core Course	Master	Amity School of Engineering and Technology
205	Advanced Data Structure and Algorithms Lab	AIE4105	2020-21	Core Course	Master	Amity School of Engineering and Technology

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206	Advanced Database Management Systems Lab	AIE4106	2020-21	Core Course	Master	Amity School of Engineering and Technology
207	Advanced Computer Networks Lab	AIE4107	2020-21	Core Course	Master	Amity School of Engineering and Technology
208	MATLAB	AIE4108	2020-21	Core Course	Master	Amity School of Engineering and Technology
209	Python Programming Lab	AIE4109	2020-21	Core Course	Master	Amity School of Engineering and Technology
210	Microprocessor Systems and Lab	CSE2515	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
211	Java Programming and Lab	CSE2503/CSE2505	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
212	Computer Architecture	CSE2502	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology

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213	VLSI Design and Lab	CSE2610/CSE2611	2020-21	Elective Course	Bachelor	Amity School of Engineering and Technology
214	Advanced Java Programming and Lab	CSE2604/CSE2608	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
215	Software Engineering and Lab	CSE2613/CSE2615	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
216	Java Programming and its Lab	CSE2503/CSE2505	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
217	Introduction to Open Source Technologies (PHP MySQL) and its Lab	CSE2616/CSE2617	2020-21	Elective Course	Bachelor	Amity School of Engineering and Technology
218	Theory of Automata and Computation	CSE2516	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
219	Computer Architecture	CSE2502	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology

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220	Aritificial Intelligence	CSE2412	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
221	Digital Electronics and Lab	CSE2314,CSE2315	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
222	Digital Electronics and Lab	CSE2314,CSE2315	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
223	Database Management Systems and Lab	CSE2302,CSE2307	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
224	Data Structure Through C Language and its Lab	CSE2304,CSE2305	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
225	Web Technologies and its Lab	CSE2422,CSE2433	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
226	Operating System and its Lab	CSE2303,CSE2308	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology

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227	Data Communication and Computer Networks and its Lab	CSE2419,CSE2420	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
228	Digital Electronics Lab	CSE2314,CSE2315	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
229	Artificial Neural Network and Lab	CSE2410,CSE2411	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
230	Analysis and Design of Algorithm and Lab	CSE2418, CSE2421	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
231	Digital Electronics	CSE2314	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
232	Web Technologies Web Technologies Lab	CSE2422,CSE2433	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
233	Operating System Operating System Lab	CSE2303,CSE2308	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology



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234	Digital Electronics	CSE2314	2020-21	Core Course	Bachelor	Amity School of Engineering and Technology
235	BASICS OF FOOD SERVICE	VHM2152	2020-21	Elective Course	Bachelor	Amity School of Hospitality
236	BEVERAGE STUDIES BASIC	VHM2352	2020-21	Elective Course	Bachelor	Amity School of Hospitality
237	FOOD and BEVERAGE SERVICE SUPERVISORY SKILLS	VHM2552	2020-21	Elective Course	Bachelor	Amity School of Hospitality
238	BASICS OF FOOD PRODUCTION	VHM2151	2020-21	Elective Course	Bachelor	Amity School of Hospitality
239	FOOD PRODUCTION OPERATIONS	VHM2351	2020-21	Elective Course	Bachelor	Amity School of Hospitality
240	FOOD PRODUCTION SUPERVISORY SKILLS	VHM2551	2020-21	Elective Course	Bachelor	Amity School of Hospitality
241	CHECK-IN and CHECK-OUT PROCESS	VHM2353	2020-21	Elective Course	Bachelor	Amity School of Hospitality
242	FRONT OFFICE YIELD MANAGEMENT	VHM2553	2020-21	Elective Course	Bachelor	Amity School of Hospitality
243	FUNDAMENTALS OF FRONT OFFICE OPERATIONS	VHM2153	2020-21	Elective Course	Bachelor	Amity School of Hospitality
244	BASICS OF HOUSEKEEPING	VHM2154	2020-21	Elective Course	Bachelor	Amity School of Hospitality

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245	FUNDAMENTALS OF TOURISM	VTM2151	2020-21	Elective Course	Bachelor	Amity School of Hospitality
246	HANDLING TRAVEL AGENCY	VTM2351	2020-21	Elective Course	Bachelor	Amity School of Hospitality
247	TOURISM MANAGEMENT	VTM2551	2020-21	Elective Course	Bachelor	Amity School of Hospitality
248	ADVANCED FOOD SERVICE	VHM2252	2020-21	Elective Course	Bachelor	Amity School of Hospitality
249	BEVERAGE STUDIES ADVANCED	VHM2452	2020-21	Elective Course	Bachelor	Amity School of Hospitality
250	FOOD and BEVERAGE MANAGEMENT SKILLS	VHM2552	2020-21	Elective Course	Bachelor	Amity School of Hospitality
251	ADVANCED FOOD PRODUCTION	VHM2451	2020-21	Elective Course	Bachelor	Amity School of Hospitality
252	FOOD PRODUCTION MANAGEMENT	VHM2651	2020-21	Elective Course	Bachelor	Amity School of Hospitality
253	FOOD PRODUCTION SKILLS	VHM2251	2020-21	Core Course	Bachelor	Amity School of Hospitality
254	FRONT OFFICE SUPERVISORY SKILLS	VHM2453	2020-21	Elective Course	Bachelor	Amity School of Hospitality
255	HANDLING RECEPTION	VHM2253	2020-21	Elective Course	Bachelor	Amity School of Hospitality

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256	RULES FOR CLEANING	VHM2254	2020-21	Elective Course	Bachelor	Amity School of Hospitality
257	COORDINATING TOUR TRANSPORTATIONS	VTM2451	2020-21	Elective Course	Bachelor	Amity School of Hospitality
258	TOUR OPERATIONS and TOURIST GUIDANCE	VTM2251	2020-21	Elective Course	Bachelor	Amity School of Hospitality
259	DEVELOPING A BUSINESS MODEL	MGT2352	2020-21	Elective Course	Bachelor	Amity Business School
260	ORIENTATION PROGRAMME IN ENTREPRENEURSHIP	MGT2152	2020-21	Elective Course	Bachelor	Amity Business School
261	EXPLORING BUSINESS OPPORTUNITY	MGT2252	2020-21	Elective Course	Bachelor	Amity Business School
262	TRANSLATING BUSINESS MODEL INTO STARTUP	MGT2452	2020-21	Elective Course	Bachelor	Amity Business School
263	Entrepreneurship Development	MGT2502	2020-21	Core Course	Bachelor	Amity Business School
264	Human Rights	MGT 2615	2020-21	Core Course	Bachelor	Amity Business School
265	International Trade Procedures and Documentation	IBM4201	2020-21	Core Course	Master	Amity Business School
266	Financial Modeling with MS-Excel	FIN4306	2020-21	Core Course	Master	Amity Business School

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267	Introduction to Cloud Computing	ITM4304	2020-21	Core Course	Master	Amity Business School
268	Digital Marketing	MKT4303	2020-21	Core Course	Master	Amity Business School
269	Private Equity and Entrepreneurial Finance	FIN4405	2020-21	Core Course	Master	Amity Business School
270	Managerial Counselling	HRM4406	2020-21	Core Course	Master	Amity Business School
271	Social Media Analytics	ECM4401	2020-21	Core Course	Master	Amity Business School
272	DEVELOPING A BUSINESS MODEL	MGT2352	2021-22	Elective Course	Bachelor	Amity Business School
273	ORIENTATION PROGRAMME IN ENTREPRENEURSHIP	MGT2152	2021-22	Elective Course	Bachelor	Amity Business School
274	EXPLORING BUSINESS OPPORTUNITY	MGT2252	2021-22	Elective Course	Bachelor	Amity Business School
275	TRANSLATING BUSINESS MODEL INTO STARTUP	MGT2452	2021-22	Elective Course	Bachelor	Amity Business School
276	Entrepreneurship Development	MGT2502	2021-22	Core Course	Bachelor	Amity Business School
277	Human Rights	MGT 2615	2021-22	Core Course	Bachelor	Amity Business School

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278	International Trade Procedures and Documentation	IBM4201	2021-22	Core Course	Master	Amity Business School
279	Financial Modeling with MS-Excel	FIN4306	2021-22	Core Course	Master	Amity Business School
280	Introduction to Cloud Computing	ITM4304	2021-22	Core Course	Master	Amity Business School
281	Digital Marketing	MKT4303	2021-22	Core Course	Master	Amity Business School
282	Private Equity and Entrepreneurial Finance	FIN4405	2021-22	Core Course	Master	Amity Business School
283	Managerial Counselling	HRM4406	2021-22	Core Course	Master	Amity Business School
284	Social Media Analytics	ECM4401	2021-22	Core Course	Master	Amity Business School
285	IPR Biosafety and Bioethics	BTH4306	2021-22	Core Course	Bachelor	Amity Institute of Biotechnology
286	IPR	BTE4205	2021-22	Core Course	Bachelor	Amity Institute of Biotechnology
287	Instrumentation and Research Methodology	BTE4103	2021-22	Core Course	Master	Amity Institute of Biotechnology
288	Stem Cells and Gene Therapy	BTH2503	2021-22	Core Course	Master	Amity Institute of Biotechnology

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289	Recombinant DNA Technology	BTH2601	2021-22	Core Course	Master	Amity Institute of Biotechnology
290	Stem Cell and Gene Therapy	BTH2503	2021-22	Core Course	Bachelor	Amity Institute of Biotechnology
291	Biosensors	BTH2505	2021-22	Core Course	Bachelor	Amity Institute of Biotechnology
292	Marine biotechnology	BTH2504	2021-22	Core Course	Bachelor	Amity Institute of Biotechnology
293	Recombinant DNA Technology	BTH2601	2021-22	Core Course	Bachelor	Amity Institute of Biotechnology
294	Immunology and Immunotechnology	BTE2603	2021-22	Core Course	Bachelor	Amity Institute of Biotechnology
295	DESIGN DEVELOPMENT	VDF2552	2021-22	Core Course	Bachelor	Amity Institute of Design
296	DESIGN ECO-SYSTEM	VDF2152	2021-22	Elective Course	Bachelor	Amity Institute of Design
297	DESIGN PREPARATORY PROCESS	VDF2352	2021-22	Elective Course	Bachelor	Amity Institute of Design
298	PROTOTYPE GARMENT DEVELOPMENT	VDF2452	2021-22	Core Course	Bachelor	Amity Institute of Design
299	COMPUTER AIDED MANUFACTURING	FDT2351	2021-22	Core Course	Bachelor	Amity Institute of Design

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300	FASHION ART ILLUSTRATION AND MODEL DRAWING	FDT2151	2021-22	Elective Course	Bachelor	Amity Institute of Design
301	FASHION FORECASTING	FDT2551	2021-22	Elective Course	Bachelor	Amity Institute of Design
302	FASHION DESIGN RESEARCH	VDF2252	2021-22	Elective Course	Bachelor	Amity Institute of Design
303	HEALTH AND SAFETY EQUILIBRIUM	VDF2652	2021-22	Elective Course	Bachelor	Amity Institute of Design
304	PROTOTYPE GARMENT DEVELOPMENT	VDF2452	2021-22	Core Course	Bachelor	Amity Institute of Design
305	FASHION MANAGEMENT	FDT2451	2021-22	Elective Course	Bachelor	Amity Institute of Design
306	FASHION RETAILING AND VISUAL MERCHANDISING	FDT2651	2021-22	Elective Course	Bachelor	Amity Institute of Design
307	FASHION THEORY	FDT2251	2021-22	Elective Course	Bachelor	Amity Institute of Design
308	CONCEPT AND THEORETICAL UNDERSTANDING OF HUMAN RIGHTS	LAW2152	2021-22	Elective Course	Bachelor	Amity Law School
309	CONTEMPORARY HUMAN RIGHTS SITUATIONS AND ISSUES	LAW2352	2021-22	Elective Course	Bachelor	Amity Law School
310	LEGISLATION THEMES IN HUMAN RIGHTS	LAW2552	2021-22	Elective Course	Bachelor	Amity Law School

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311	EMERGING LEGAL ISSUES AND CHALLENGES	LAW2551	2021-22	Elective Course	Bachelor	Amity Law School
312	SPECIFIC THEMES IN HUMAN RIGHTS	LAW2452	2021-22	Elective Course	Bachelor	Amity Law School
313	SYSTEMS ORGANISATIONS AND INSTRUMENTS OF HUMAN RIGHTS	LAW2252	2021-22	Elective Course	Bachelor	Amity Law School
314	FUTURE ASPECTS OF INTELLECTUAL PROPERTY RIGHTS	LAW2651	2021-22	Elective Course	Bachelor	Amity Law School
315	Emerging Issues and Challenges	LAW2551	2021-22	Core Course	Bachelor	Amity Law School
316	Future Aspects of Intellectual Property Rights	LAW2651	2021-22	Core Course	Bachelor	Amity Law School
317	Law of Evidence	LAW2502	2021-22	Core Course	Bachelor	Amity Law School
318	Cyber Laws	LAW2606	2021-22	Core Course	Bachelor	Amity Law School
319	Investment and Competition Law	LAW2801	2021-22	Core Course	Bachelor	Amity Law School
320	INTELLECTUAL PROPERTY RIGHTS AND QUALITY ASSURANCE	CHY2751	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
321	Biochemical Engineering (BCH 4104)	BCH4104	2021-22	Core Course	Master	Amity School of Applied Sciences



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322	Biochemical Engineering Lab (BCH 4107)	BCH4107	2021-22	Core Course	Master	Amity School of Applied Sciences
323	Plastic Waste Recycling	PTE2251	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
324	Biochemistry of Proteins and Enzymes	BCH4109	2021-22	Core Course	Master	Amity School of Applied Sciences
325	Cell Biology and Signaling	BCH4110	2021-22	Core Course	Master	Amity School of Applied Sciences
326	Recombinant DNA Technology	BCH4301	2021-22	Core Course	Master	Amity School of Applied Sciences
327	Advanced Genetics	BCH4302	2021-22	Core Course	Master	Amity School of Applied Sciences
328	Neurobiochemistry	BCH 4401	2021-22	Core Course	Master	Amity School of Applied Sciences
329	Human Anatomy and Physiology	FCH2107	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
330	Metric system and PPOF3	FCH2203	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
331	DNA Fingerprinting	FCH2505	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
332	DNA Fingerprinting Lab	FCH2511	2021-22	Core Course	Bachelor	Amity School of Applied Sciences

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333	Criminology Criminal Law and Police administration	FCH4101	2021-22	Core Course	Master	Amity School of Applied Sciences
334	Crime Scene Investigation (CSI) Lab	FCH4108	2021-22	Core Course	Master	Amity School of Applied Sciences
335	Forensic Photography	FCH4201	2021-22	Core Course	Master	Amity School of Applied Sciences
336	Arson andExplosives	FCH4211	2021-22	Core Course	Master	Amity School of Applied Sciences
337	Cyber Forensic and Computer Applications	FCH4317	2021-22	Core Course	Master	Amity School of Applied Sciences
338	Forensics Wildlife and Entomology	FCH4321	2021-22	Core Course	Master	Amity School of Applied Sciences
339	Computer programming in C	PHY2306	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
340	Term Paper and Workshop	PHY2331	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
341	Digital Electronics	PHY2411	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
342	Laser Physics	PHY2406	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
343	Summer Project	PHY2535	2021-22	Core Course	Bachelor	Amity School of Applied Sciences

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344	Introduction to MATLAB	PHY2512	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
345	Introduction to Astronomy	PHY2611	2021-22	Core Course	Bachelor	Amity School of Applied Sciences
346	Digital Electronics and Microprocessors	PHY4306	2021-22	Core Course	Master	Amity School of Applied Sciences
347	Computational Physics	PHY4110	2021-22	Core Course	Master	Amity School of Applied Sciences
348	Renewable Energy Resources	PHY4317	2021-22	Core Course	Master	Amity School of Applied Sciences
349	Introduction to Computers and Programming in C and its Lab	CSE 2104, CSE 2107	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
350	Introduction to Computers and Programming in C and Lab	CSE 2104, CSE 2107	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
351	Object Oriented Programming using C plus plus	CSE 2204	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
352	Introduction to Computers and Programming in C	CSE 2104	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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353	Programming in C Lab	CSE 2107	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
354	Object Oriented Programming using C plus plus Lab	CSE2208	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
355	Introduction to Object Oriented Programming with C plus plus and its Lab	CSE 2204, CSE 2208	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
356	Object Oriented Programming using Cplus and Lab	CSE 2208	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
357	Computer Aided Manufacturing	MAE2701	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
358	Introduction to Computers and Programming in C	CSE2104	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
359	Programming in C Lab	CSE2107	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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360	Object Oriented Programming using C plus plus	CSE2204	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
361	Basics of Mechanical Engg lab	CSE2209	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
362	Introduction to Computers and Programming in C and its Lab	(ECE2105, ECE 2110), (EEE2105, EEE2110), BME2104,B	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
363	Object Oriented Programming using C plus plus and Lab	(ECE2203, ECE2206), (EEE2203, EEE2206), (BME2205,	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
364	Basics of Mechanical Engg lab	(ECE2104, ECE2109), (EEE2104,EEE2108), (BME2106,BM	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
365	Renewable Energy Conversion systems and its field work	RWE4101	2021-22	Core Course	Master	Amity School of Engineering and Technology
366	Introduction to Solar Photovoltaics and Solar Radiation measurement Lab	RWE4102 and RWE4107	2021-22	Core Course	Master	Amity School of Engineering and Technology

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367	Introduction to Solar Thermal Tech	RWE4103	2021-22	Core Course	Master	Amity School of Engineering and Technology
368	Solar Thermal Systems and its lab	RWE4201 and RWE4206	2021-22	Core Course	Master	Amity School of Engineering and Technology
369	Fabrication of Solar Cells Material and designing aspects	RWE4202	2021-22	Core Course	Master	Amity School of Engineering and Technology
370	Instrumental Analysis	RWE4203	2021-22	Core Course	Master	Amity School of Engineering and Technology
371	Energy Storage	RWE4204	2021-22	Core Course	Master	Amity School of Engineering and Technology
372	Financial Evaluation of Renewable Energy Systems	RWE4205	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
373	Energy access and planning	RWE4207	2021-22	Core Course	Master	Amity School of Engineering and Technology

<b>Srno</b>	<b>Title of Course</b>	<b>Course Code</b>	<b>Academic Year</b>	<b>Type of Course</b>	<b>Level of Course</b>	<b>Course Offering Department/ Centre/ Unit Name</b>
374	Risk management in renewable energy projects	RWE4209	2021-22	Core Course	Master	Amity School of Engineering and Technology
375	Modelling and simulation of solar Thermal systems and field work	RWE4301	2021-22	Core Course	Master	Amity School of Engineering and Technology
376	Designing of Solar Rooftop Grid Off-grid PV System and its lab	RWE4302	2021-22	Core Course	Master	Amity School of Engineering and Technology
377	Large Scale Grid Integration of Renewable energy Sourceson	RWE4309	2021-22	Core Course	Master	Amity School of Engineering and Technology
378	Designing of Solar projects	RWE4307	2021-22	Core Course	Master	Amity School of Engineering and Technology
379	Biofuels and Biomethanation	RWE4303	2021-22	Core Course	Master	Amity School of Engineering and Technology
380	Smart grids and renewables	RWE 4310	2021-22	Core Course	Master	Amity School of Engineering and Technology

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381	Energy Management	RWE4401	2021-22	Core Course	Master	Amity School of Engineering and Technology
382	Green Buildings	RWE4403	2021-22	Core Course	Master	Amity School of Engineering and Technology
383	Basics of Mechanical Engg lab	SAE4107	2021-22	Core Course	Master	Amity School of Engineering and Technology
384	Basics of Mechanical Engg lab	SAE4107	2021-22	Core Course	Master	Amity School of Engineering and Technology
385	Electronics Lab	SAE4108	2021-22	Core Course	Master	Amity School of Engineering and Technology
386	Solar Thermal Engineering Conversion and storage Flat plate collectors concentrator	SAE4201	2021-22	Core Course	Master	Amity School of Engineering and Technology
387	SAE4202	SAE4202	2021-22	Core Course	Master	Amity School of Engineering and Technology



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388	Solar Energy storage systems	SAE4203	2021-22	Core Course	Master	Amity School of Engineering and Technology
389	Energy Management related to Renewable Energy Systems	SAE4204	2021-22	Core Course	Master	Amity School of Engineering and Technology
390	Risk mgmt in renewable energy projects	SAE4212	2021-22	Core Course	Master	Amity School of Engineering and Technology
391	Modelling and simulation of solar thermal systems	SAE4301	2021-22	Core Course	Master	Amity School of Engineering and Technology
392	Advanced Energy Systems	SAE4314	2021-22	Core Course	Master	Amity School of Engineering and Technology
393	Energy Policy	RWE4402/ SAE4401	2021-22	Core Course	Master	Amity School of Engineering and Technology
394	Dissertation Seminar and Progress Report Comprehensive Viva	"RWE4437/ SAE4437"	2021-22	Core Course	Master	Amity School of Engineering and Technology

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395	Control Systems	ECE2503	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
396	VLSI Design and Lab	ECE6605		Core Course	Bachelor	Amity School of Engineering and Technology
397	Digital Signal Processing and Lab	ECE6606	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
398	Antenna and Wave Propagation	ECE6603	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
399	Radar and Satellite Communications and Lab	ECE6611	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
400	Microwave Engineering and Lab	ECE6705	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
401	Mobile Communications	ECE6712	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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402	Measurement and Measuring Instruments and Lab	ECE6716	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
403	Power Electronics	ECE6814	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
404	Control System and Lab	EEE2510	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
405	Power System-II and Lab	EEE2604	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
406	Electric Machine-II and Lab	EEE2605	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
407	Electric Power Generation Transmission and Distribution-I	EEE2603	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
408	Modern and Digital Control Engineering	EEE2608	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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409	Utilization of Electric Energy	EEE2606	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
410	Substation Engineering	EEE2607	2021-22	Core Course	Bachelor	Amity School of Engineering and TechnologyQ
411	Electric Power Transmission and Distribution-II	EEE2701	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
412	Software Engineering and Lab	EEE2708	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
413	Project (With Presentation and Evaluation)	ECE2837	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
414	Power Electronics	ECE2814	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
415	High Voltage Engineering	EEE2802	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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416	Nuclear Power Engineering	EEE2803	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
417	Thermal Power Engineering	EEE2804	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
418	Hydro Power Engineering	EEE2805	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
419	Solar Engineering	EEE2806	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
420	Summer Internship Evaluation-I	EEE2535	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
421	Project-Dissertation	EEE2837	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
422	Embedded System Lab	ECE2614	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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423	Construction Engineering Practices and its lab	CME4312 and CME4313	2021-22	Core Course	Master	Amity School of Engineering and Technology
424	Civil Engineering Materials and its lab	CME4102 and CME 4103	2021-22	Core Course	Master	Amity School of Engineering and Technology
425	Applied Numerical Methods	CIV4101	2021-22	Core Course	Master	Amity School of Engineering and Technology
426	Pre-Engineered Construction Technology	CME4212	2021-22	Core Course	Master	Amity School of Engineering and Technology
427	Contract Laws and Regulations	CME4314	2021-22	Core Course	Master	Amity School of Engineering and Technology
428	Construction Methods and Equipment	CME4201	2021-22	Core Course	Master	Amity School of Engineering and Technology
429	Construction Quality and Safety Management	CME4310	2021-22	Core Course	Master	Amity School of Engineering and Technology

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430	Research Methodology and Technical Report Writing	CIV4201	2021-22	Core Course	Master	Amity School of Engineering and Technology
431	Building Services and Maintenance Management	CME4203	2021-22	Core Course	Master	Amity School of Engineering and Technology
432	Systems Design and Value Analysis	CME4204	2021-22	Core Course	Master	Amity School of Engineering and Technology
433	Structural Optimization	STE4311/ CME 4311	2021-22	Core Course	Master	Amity School of Engineering and Technology
434	Construction Planning and Management	CME4213	2021-22	Core Course	Master	Amity School of Engineering and Technology
435	Reliability Analysis in Construction Management	CME4207	2021-22	Core Course	Master	Amity School of Engineering and Technology
436	Sustainable Constructions	CIV4102	2021-22	Core Course	Master	Amity School of Engineering and Technology

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437	Construction Economics and Finance	CME4301	2021-22	Core Course	Master	Amity School of Engineering and Technology
438	Highway Construction and Maintenance and its lab	CME4302 and CME4303	2021-22	Core Course	Master	Amity School of Engineering and Technology
439	Construction Methods in Geotechnical Engineering and its lab	CME4304 and CME 4305	2021-22	Core Course	Master	Amity School of Engineering and Technology
440	Disaster Mitigation and Management	CIV4103	2021-22	Core Course	Master	Amity School of Engineering and Technology
441	GIS in Construction Engineering	CME4307	2021-22	Core Course	Master	Amity School of Engineering and Technology
442	CME4308	CME4308	2021-22	Core Course	Master	Amity School of Engineering and Technology
443	Process Analysis and Theory of Constraints	CME4211	2021-22	Core Course	Master	Amity School of Engineering and Technology



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444	Advanced Structural Analysis	STE4212	2021-22	Core Course	Master	Amity School of Engineering and Technology
445	Advanced Concrete Design	STE4211	2021-22	Core Course	Master	Amity School of Engineering and Technology
446	Finite Element Method	STE4213	2021-22	Core Course	Master	Amity School of Engineering and Technology
447	Offshore Structures	STE4312	2021-22	Core Course	Master	Amity School of Engineering and Technology
448	Object Oriented Programming using Cplusplus and Lab	BME2205/BME2209	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
449	Analog Electronics-I and Lab	BME2302/BME2306	2021-22	Core Course	Master	Amity School of Engineering and Technology
450	Signals and Systems and Lab	BME2413/BME2414	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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451	Medical Imaging Techniques	BME2314	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
452	Human Anatomy and Physiology-I	BME2351	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
453	Microprocessor Systems and Lab	BME2501/BME2504	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
454	Tissue Engineering and Lab	BME2551/BME2505	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
455	Java Programming and Lab	BME2506/BME2508	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
456	Microcontroller and its Biomedical Applications	BME2601	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
457	Artificial Organs and Rehabilitation Engineering	BME2602	2021-22	Core Course	Master	Amity School of Engineering and Technology

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458	Physiology Control System and Simulation Modeling	BME2603	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
459	Biomechanics and Lab	BME2651/BME2605	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
460	Hospital Management System	BME2607	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
461	Medical Image Processing and Laboratory	BME2751/BME2703	2021-22	Core Course	Master	Amity School of Engineering and Technology
462	Biotransport Phenomenon and Biofluids	BME2701	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
463	Soft Computing	BME2708	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
464	Introduction to Medical Physics	BME2802	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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465	Mobile Communications	ECE 2720	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
466	Measurement and Measuring Instruments and Lab	ECE 2714/ EEE 2715, EEE 2714/ EEE 2703	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
467	Digital Image Processing and Lab	ECE 2712/ ECE 2713	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
468	Instrumentation	ECE 2803	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
469	RTOS Programming	ECE 2805	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
470	Verilog Programming and Lab	ECE 2806/ ECE 2813	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
471	Advanced Networking	ECE 2807	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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472	Advanced VLSI Design	ECE 2812	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
473	Power Electronics	ECE 2814	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
474	Electric Power Transmission and Distribution-II	EEE 2701	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
475	Robotics and Mechatronics and Lab	EEE 2706/EEE 2710	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
476	Project (With Presentation and Evaluation)	ECE 2732/ EEE 2732	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
477	Power Electronics	EEE 2801	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
478	Nuclear Power Engineering	EEE 2803	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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479	Java Programming and Lab	CSE 2503	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
480	Advanced Java Programming and Lab	CSE 2604	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
481	Mobile Computing	CSE2707	2021-22	Elective Course	Bachelor	Amity School of Engineering and Technology
482	Cryptography and Network Security and Lab	CSE2713, CSE2715	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
483	System Programming and Compiler Constrution plus Lab	CSE2714, CSE2716	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
484	Data Warehousing and Data Mining with Lab	CSE2701, CSE2704	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
485	Soft Computing	CSE2751	2021-22	Elective Course	Bachelor	Amity School of Engineering and Technology

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486	Mobile Computing	CSE2707	2021-22	Elective Course	Bachelor	Amity School of Engineering and Technology
487	Project-Dissertation	CSE2837	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
488	Advanced Data Structure and Algorithms	AIE4101	2021-22	Core Course	Master	Amity School of Engineering and Technology
489	Advanced Database Management Systems	AIE4102	2021-22	Core Course	Master	Amity School of Engineering and Technology
490	Digital Computer Organization	AIE4103	2021-22	Core Course	Master	Amity School of Engineering and Technology
491	Advanced Computer Networks	AIE4104	2021-22	Core Course	Master	Amity School of Engineering and Technology
492	Advanced Data Structure and Algorithms Lab	AIE4105	2021-22	Core Course	Master	Amity School of Engineering and Technology

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493	Advanced Database Management Systems Lab	AIE4106	2021-22	Core Course	Master	Amity School of Engineering and Technology
494	Advanced Computer Networks Lab	AIE4107	2021-22	Core Course	Master	Amity School of Engineering and Technology
495	MATLAB	AIE4108	2021-22	Core Course	Master	Amity School of Engineering and Technology
496	Amity School of Engineering and Technology Amity School of Engineering and Technology	AIE4109	2021-22	Core Course	Master	Amity School of Engineering and Technology
497	Microprocessor Systems and Lab	CSE2515	2021-22	Core Course	Master	Amity School of Engineering and Technology
498	Java Programming and Lab	CSE2503/CSE2505	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
499	Computer Architecture	CSE2502	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology



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500	VLSI Design and Lab	CSE2610/CSE2611	2021-22	Elective Course	Bachelor	Amity School of Engineering and Technology
501	Advanced Java Programming and Lab	CSE2604/CSE2608	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
502	Software Engineering and Lab	CSE2613/CSE2615	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
503	Java Programming and its Lab	CSE2503/CSE2505	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
504	Introduction to Open Source Technologies (PHP MySQL) and its Lab	CSE2616/CSE2617	2021-22	Elective Course	Bachelor	Amity School of Engineering and Technology
505	Theory of Automata and Computation	CSE2516	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
506	Computer Architecture	CSE2502	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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507	Aritificial Intelligence	CSE2412	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
508	Digital Electronics and Lab	CSE2314,CSE2315	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
509	Digital Electronics and Lab	CSE2314,CSE2315	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
510	Database Management Systems and Lab	CSE2302,CSE2307	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
511	Data Structure Through C Language and its Lab	CSE2304,CSE2305	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
512	Web Technologies and its Lab	CSE2422,CSE2433	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
513	Operating System and its Lab	CSE2303,CSE2308	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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514	Data Communication and Computer Networks and its Lab	CSE2419,CSE2420	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
515	Digital Electronics and Lab	CSE2314,CSE2315	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
516	Artificial Neural Network and Lab	CSE2410,CSE2411	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
517	Analysis and Design of Algorithm and Lab	CSE2418, CSE2421	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
518	Digital Electronics	CSE2314	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
519	Web Technologies Web Technologies Lab	CSE2422,CSE2433	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
520	Operating System Operating System Lab	CSE2303,CSE2308	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology

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521	Digital Electronics	CSE2314	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
522	Basics of Artificial Intellegent	CSE2351	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
523	Data Structures using C	ECE2311	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
524	Engineering Mathematics-III	ECE2310	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
525	Artifical Neural Network	CSE2451	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
526	Java Programming	ECE2419	2021-22	Core Course	Bachelor	Amity School of Engineering and Technology
527	BASICS OF FOOD SERVICE	VHM2152	2021-22	Core Course	Bachelor	Amity School of Hospitality
528	BEVERAGE STUDIES BASIC	VHM2352	2021-22	Elective Course	Bachelor	Amity School of Hospitality

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529	FOOD and BEVERAGE SERVICE SUPERVISORY SKILLS	VHM2552	2021-22	Elective Course	Bachelor	Amity School of Hospitality
530	BASICS OF FOOD PRODUCTION	VHM2151	2021-22	Elective Course	Bachelor	Amity School of Hospitality
531	FOOD PRODUCTION OPERATIONS	VHM2351	2021-22	Elective Course	Bachelor	Amity School of Hospitality
532	FOOD PRODUCTION SUPERVISORY SKILLS	VHM2551	2021-22	Elective Course	Bachelor	Amity School of Hospitality
533	FRONT OFFICE YIELD MANAGEMENT	VHM2553	2021-22	Elective Course	Bachelor	Amity School of Hospitality
534	FUNDAMENTALS OF TOURISM	VTM2151	2021-22	Elective Course	Bachelor	Amity School of Hospitality
535	HANDLING TRAVEL AGENCY	VTM2351	2021-22	Elective Course	Bachelor	Amity School of Hospitality
536	TOURISM MANAGEMENT	VTM2551	2021-22	Elective Course	Bachelor	Amity School of Hospitality
537	ADVANCED FOOD SERVICE	VHM2252	2021-22	Elective Course	Bachelor	Amity School of Hospitality
538	BEVERAGE STUDIES ADVANCED	VHM2452	2021-22	Elective Course	Bachelor	Amity School of Hospitality
539	FOOD and BEVERAGE MANAGEMENT SKILLS	VHM2552	2021-22	Elective Course	Bachelor	Amity School of Hospitality

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540	ADVANCED FOOD PRODUCTION	VHM2451	2021-22	Elective Course	Bachelor	Amity School of Hospitality
541	FOOD PRODUCTION MANAGEMENT	VHM2651	2021-22	Elective Course	Bachelor	Amity School of Hospitality
542	FOOD PRODUCTION SKILLS	VHM2251	2021-22	Elective Course	Bachelor	Amity School of Hospitality
543	MANAGING FRONT OFFICE	VHM2653	2021-22	Elective Course	Bachelor	Amity School of Hospitality
544	RULES FOR CLEANING	VHM2254	2021-22	Elective Course	Bachelor	Amity School of Hospitality
545	EVENT PLANNING	VTM2651	2021-22	Elective Course	Bachelor	Amity School of Hospitality
546	COORDINATING TOUR TRANSPORTATIONS	VTM2451	2021-22	Elective Course	Bachelor	Amity School of Hospitality
547	VTM2251	VTM2251	2021-22	Elective Course	Bachelor	Amity School of Hospitality

## 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	Bausch and Lomb - Mastermind Program	2020-21	Short-term Certificate Program	Industry/Non-Govt.	Optometry and Vision Science	12-10-2020 00:00:00
2	Bausch and Lomb - Mastermind Program	2021-22	Short-term Certificate Program	Industry/Non-Govt.	Optometry and Vision Science	15-11-2021 00:00:00
3	AICTE Training and Learning Academy ATAL Supported FDP on Indian Heritage Management	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Amity School of Hospitality ASH	15-11-2021 00:00:00
4	Role of Teachers in Fostering entrepreneurial skills in students for New India	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Amity Academic Staff College	07-03-2022 00:00:00
5	Innovation Week	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	ACOAST	12-09-2021 00:00:00
6	Prestigious Memorandum of Understanding MoU signed between NASA USA and AUH Gurugram India for academic and Research Collaborations	2021-22	Management Development Program (MDP)	Industry/Non-Govt.	ACOAST	19-09-2021 00:00:00

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	Progra Start Date
7	Kiran Mazumdarm Shaw Centre for Affordable Innovation KMSCAI Lecture Series 2021	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Amity Stem Cell Institute and Kiran Mazumdar-Shaw Centre for Affordable Innovation KMSCAI Lecture Series 2021	11-04-2022 00:00:00
8	Design Explorations through Modelling	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ASAP	20-09-2021 00:00:00
9	New Challenges and Opportunities in Aerosol Pollution Research An Indian Perspective	2021-22	Short-term Certificate Program	Self Sponsored/Supported	ACOAST	20-09-2021 00:00:00
10	Inclusive Growth and Public Participation in Planning	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Amity School of Architecture and Planning	25-11-2021 00:00:00
11	Production of Creative Sculpture Using Waste Materials for Skill Enhancement	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Amity School of Fine Arts	27-12-2021 00:00:00
12	National Science Week Celebration	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Amity School of Applied Sciences	21-02-2022 00:00:00



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
13	Design Thinking workshop	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Amity Institute of Design	13-05-2022 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
1	EDC	EDC	Entrepreneurship Cell	9312905904	rkothari@ggn.amity.edu	
2	Innovation Cell	Amity Centre for Robotics and AI	Dr Sunil Sikka	9729212722	ssikka@ggn.amity.edu	Mentoring Support, Grant Support, Pre Incubation Facility Support (Idea to Prototype and In Business Plan Development), In-Facility Support (Innovative Business Model to Startup Market Linkage & Growth Stage), Investment Angel a

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
3	Innovation Cell	Amity Centre for Stem Cell Research	Dr Atul Thakur	7018242720	athakur@ggn.amity.edu	Mentoring Support, Grant Support, Pre Incubation Facility Support (Idea to Prototype and Business Plan Development), Infrastructure Facility Support (Innovative Business Model to Startup Market Linkage & Growth Stage), Investor Angel a

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

Sr. No.	Name of Unit	In-charge Name	Contact no	Email
1	Amity Innovation Incubator	Prof (Dr) Vikas Madhukar, Dr Ranjana Kothari	9818153629,9312905904	vmadhukar@ggn.amity.edu,rkothari@ggn.amity.edu

### 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. Scheme
1	IPR Cell	Amity University Haryana Patent Cell	Dr Atul Thakur	7018242720	athakur1@ggn.amity.ed	Mentoring Sup Grant Support Incubation Fac Support (Idea Prototype and Business Plan Development) Facility Suppor (Innovative Bu Model to Start Market Linkag Growth Stage),Investrn Angel a
2	Technology Transfer Centre /TTO	CENTRAL INSTRUMENTATION RESEARCH FACILITY	Prof (Dr) Rajendra Prasad	9810974443	rprasad@ggn.amity.edu	Mentoring Sup Grant Support Incubation Fac Support (Idea Prototype and Business Plan Development) Facility Suppor (Innovative Bu Model to Start Market Linkag Growth Stage),Investrn Angel a

## Section 4: Generation and Support of 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 7th November 2022 )

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	C
1	Functionalization and evaluation of catalytic and antimicrobial properties of aminated hollow fiber membranes	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr. Anurag Sharma	Fa
2	National Education Policy 2020: Reviving Human Values, Ethics and Philosophy	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr. Sanjna Vij	Fa
3	One Basic Training Programme (Online) on Human Rights for at Least 50 Participants	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr. Sanjna Vij	Fa
4	Defining the role of nutrient sensitive O-GlcNAc modification in hepatocellular carcinoma	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Vaibhav Kapuria	Fa

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	C E o L I n
5	Defining the role of nutrient-sensitive O-GlcNAc modification in Hepatocellular Carcinoma	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Vaibhav Kapuria	F&
6	Capacity Building and Personality Development Program (PDP) for female undergraduate and Postgraduate students at AUH	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prof Rajesh Nair	F&
7	Contractual engagement as a Consultant for ADARSH project FN0178	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prof Rajesh Nair	F&
8	Teachers Enricment's Workshop on Algebra, Number Theory and Graph Theory	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Sunita Kumawat	F&
9	Understanding the mutational landscape in different Candida auris clades using a multipronged approach	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	DRP AUH	F&

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	C E o L I n
10	Identification of early diagnostic biomarker for GBM using differential alternative splicing and deep learning.	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Ravi Datta Sharma	F&
11	Women Entrepreneurship Development Programme-4-week online training	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Mr. Akshat Aggarwal	F&
12	Unnat Bharat Abhiyan	Independent Assignment/Non-academic Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr Subhra Das	F&
13	Elucidating the role of post-transcriptional regulation of sphingolipid metabolic genes in breast cancer progression.	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prototype Idea Team	F&
14	A study on the problems and conjectures in univalent function theory	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prototype Idea Team	F&

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	C E I o L I n
15	Effectiveness of Virtual Simulation teaching method on self-efficacy, learning and self-confidence among Nursing students in North India	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prototype Idea Team	Fa
16	Development and preclinical Evaluation of Bio-synthetic polysaccharide rich hydrogels as ECM bio-mimics to understand metastatic malrisome in tumor microenvironment	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prototype Idea Team	Fa
17	Development of Nanomaterials for High Density Application	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr Atul Thakur	Fa
18	An Antimicrobial Face-Mask Using Nano-particle Coating (patent application No\202011017740)'; Idea for funding to nurture under TIDE 2.0 MleTY G3C	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr Atul Thakur	Fa
19	Novel Nanoarchitectures for selective multistep catalysis	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr Anirban Das	Fa

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	C E o L I n
20	A low cost portable microfluidics embedded on chiprRT-PCR and microelectrode array coupled point	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prototype Idea Team	F&
21	To study the dynamics of sickling inside blood capillary mimicking microfluidic system to fabricate a portable point	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prototype Idea Team	F&
22	DHR-Identification of Sphingolipid-based Biomarkers for Triple Negative Breast Cancer (TNBC) and Luminal A Patients and their 72 Clinicopathological Correlation	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prototype Idea Team	F&
23	Regulation of ribosome biogenesis and SOS response by cyclic di-AMP in Mycobacterium	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prototype Idea Team	F&
24	Elucidation of the Role of UDP-Glucose Ceramide Glucosyltransferase (UGCG) in mTORC2-Mediate Regulation of Sphingolipid Biosynthesis.	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Prototype Idea Team	F&



Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	C E o L I n
25	Teachers Enricment's Workshop on Algebra, Number Theory and Graph Theory	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Sunita Kumawat	F&
26	"A Mass Spectrometric Approach to Unravel the Landscape of Sphingolipids as Major Signaling Determinants of Drug Resistance	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	DRP AUH	F&
27	Insights into the efflux pump arsenal of the emerging pathogen C. auris	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	DRP AUH	F&
28	Differential Inhibition of Visfatin-PAK4 as a Novel Strategy inEsophageal Squamous Cell Carcinoma for Therapeutic Purpose	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Manoj Kumar Kashyap	F&
29	ICPR Grants: International Yoga Day (IYD) 2020	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr. Sanjna Vij	F&

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	C E o L I
30	DBT-BUILDER Level I.	Academic Requirement/Study Project	2020-21	TRL 5 : Large scale prototype tested in intended environment	DRP AUH	Fa
31	DBT Skill Vigyan Programme under state partnership in Life Science and Biotechnology	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	DRP AUH	Fa
32	Mediating Multilingualism	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Udaya Narayana Singh	Fa
33	Mediating Multilingualism-In a local Community context final	Independent Assignment/Non-academic Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Udaya Narayana Singh	Fa

## 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 7th November 2022 )

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No
1	ERESHA TECHNOLOGY INNOVATORS PRIVATE LIMITED	Private Limited Firm (Pvt. Ltd.)	U74999DL2022PTC396262 <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest">https://api.mic.gov.in/uploads/institutes/innovationcontest</a> )
2	kulyantran	Private Limited Firm (Pvt. Ltd.)	U72900TG2022PTC159333 <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest">https://api.mic.gov.in/uploads/institutes/innovationcontest</a> )
3	Nanolatticex LLP	Limited Liability Partnership Firm (LLP)	AAZ-1587 <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest">https://api.mic.gov.in/uploads/institutes/innovationcontest</a> )
4	Edudap India Pvt Ltd	Private Limited Firm (Pvt. Ltd.)	U80302DL2021PTC389099 <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest">https://api.mic.gov.in/uploads/institutes/innovationcontest</a> )
5	Lastmile Care Pvt Ltd	Private Limited Firm (Pvt. Ltd.)	U85300HR2021PTC094654 <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest">https://api.mic.gov.in/uploads/institutes/innovationcontest</a> )
6	PreDoc	Private Limited Firm (Pvt. Ltd.)	U72900UP2020PTC139509 <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest">https://api.mic.gov.in/uploads/institutes/innovationcontest</a> )
7	SAMZAN	Private Limited Firm (Pvt. Ltd.)	U51909JK2020PTC011333 <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest">https://api.mic.gov.in/uploads/institutes/innovationcontest</a> )
8	Legal bites	Limited Liability Partnership Firm (LLP)	AAU-4504 <b>View Document</b> ( <a href="https://api.mic.gov.in/uploads/institutes/innovationcontest">https://api.mic.gov.in/uploads/institutes/innovationcontest</a> )

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No
9	Elineo Fitment Pvt Ltd	Private Limited Firm (Pvt. Ltd.)	U17299HR2019PTC079425 <b>View Document</b> ( <a href="https://api.mic.gov.in//uploads/institutes/innovationcontest">https://api.mic.gov.in//uploads/institutes/innovationcontest</a> )
10	AIGROEDGE Technologies Private Limited	Private Limited Firm (Pvt. Ltd.)	U01114DL2020PTC361628 <b>View Document</b> ( <a href="https://api.mic.gov.in//uploads/institutes/innovationcontest">https://api.mic.gov.in//uploads/institutes/innovationcontest</a> )

## 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
1	UNIVERSIDADE DE SÃO PAULO	International Agency	5	Active	22-06-2022	<a href="#">View (/Up</a>
2	WE THE PEOPLE	Non Govt. Agency	4	Active	30-09-2021	<a href="#">View (/Up</a>
3	VFN Groups	Corporate/Industry Association	3	Active	11-06-2021	<a href="#">View (/Up</a>
4	Manas Foundation	Knowledge/Mentoring Agency	3	Active	02-07-2021	<a href="#">View (/Up</a>
5	BSK Legal	IPR Law Firms/Startup	3	Active	10-06-2021	<a href="#">View (/Up</a>

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
6	UAS International A Unit of United Accrual Services Pvt. Ltd. & UAS International Holidays Pvt. Ltd.	Corporate/Industry Association	3	Active	07-06-2021	<a href="#">View (/Up</a>
7	Mc Kinley Rice	Corporate/Industry Association	4	Active	27-04-2022	<a href="#">View (/Up</a>
8	Karatab Laws Academy	IPR Law Firms/Startup	3	Active	07-07-2021	<a href="#">View (/Up</a>
9	Innodx Solutions Pvt. Ltd.	Knowledge/Mentoring Agency	4	Active	28-10-2021	<a href="#">View (/Up</a>
10	IMD	Corporate/Industry Association	5	Active	19-07-2022	<a href="#">View (/Up</a>
11	Global Health Limited	Corporate/Industry Association	4	Active	01-02-2022	<a href="#">View (/Up</a>
12	France 24 broadcasting	International Agency	3	Active	15-06-2022	<a href="#">View (/Up</a>
13	Defense Institution Of Advanced Technology	Educational Institute	5	Active	17-08-2021	<a href="#">View (/Up</a>
14	DBT India	Angel/VC Firm	3	Active	12-02-2022	<a href="#">View (/Up</a>
15	Commonwealth Educational Media Centre	Non Govt. Agency	4	Active	11-06-2022	<a href="#">View (/Up</a>
16	Amplifon (India) Pvt. Ltd.	Angel/VC Firm	2	Active	18-05-2022	<a href="#">View (/Up</a>
17	Artilab Foundation	Corporate/Industry Association	3	Active	28-08-2022	<a href="#">View (/Up</a>

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
18	Aarvy Health Care	Corporate/Industry Association	4	Active	07-09-2022	<a href="#">View (/Up</a>
19	AIESEC in DU	Corporate/Industry Association	5	Active	05-01-2022	<a href="#">View (/Up</a>
20	IIT Bombay	Educational Institute	3	Active	26-11-2020	<a href="#">View (/Up</a>
21	ZOHO Corporation Pvt. Ltd.	Corporate/Industry Association	3	Active	22-06-2022	<a href="#">View (/Up</a>
22	Razorpay Software Pvt. Ltd.	Corporate/Industry Association	2	Active	03-01-2020	<a href="#">View (/Up</a>
23	Notion	Corporate/Industry Association	3	Active	24-12-2021	<a href="#">View (/Up</a>
24	Neeta A and Associates	Corporate/Industry Association	5	Active	03-09-2022	<a href="#">View (/Up</a>
25	Satyaki Legal	IPR Law Firms/Startup	3	Active	01-09-2022	<a href="#">View (/Up</a>
26	Exotel Techcom Pvt. Ltd.	Corporate/Industry Association	5	Active	04-01-2022	<a href="#">View (/Up</a>
27	PHFI	Angel/VC Firm	2	Active	26-11-2020	<a href="#">View (/Up</a>
28	SEPPL	Angel/VC Firm	5	Active	02-08-2022	<a href="#">View (/Up</a>
29	Bansali Elektro	Corporate/Industry Association	3	Active	07-01-2022	<a href="#">View (/Up</a>
30	Media n Entertainment Skills Council	Knowledge/Mentoring Agency	5	Active	24-02-2021	<a href="#">View (/Up</a>
31	Motherhood University	Educational Institute	3	Active	23-02-2022	<a href="#">View (/Up</a>
32	Management n Science University	Educational Institute	4	Active	17-06-2021	<a href="#">View (/Up</a>

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
33	Paras Healthcare	Non Govt. Agency	5	Active	08-09-2021	<a href="#">View (/Up)</a>
34	SK Enterprises	Corporate/Industry Association	4	Active	01-04-2022	<a href="#">View (/Up)</a>
35	LSSSDC	Corporate/Industry Association	4	Active	15-07-2022	<a href="#">View (/Up)</a>
36	Taiwan Education & Culture	International Agency	4	Active	26-02-2021	<a href="#">View (/Up)</a>

## 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	IOT BASED NEONATAL CADDY	Copy Right	L-112894/2022	09-03-2022	No
2	DEFINATION OF ECONOMIC OFFENCE	Copy Right	L-112785/2022	07-03-2022	No

### 7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	3D AUGMENTED REALITY HAPTIC TWO-FACTOR VOLUMETRIC FORCE FEEDBACK INTERFACES	201611019393	11-09-2020

<b>Sr. No.</b>	<b>Title/Name of Patent</b>	<b>IP Registration Number</b>	<b>Date of Filed/Published</b>
2	NANOSIZED SUBSTITUTED LITHIUM FERRITE FOR NTC (NEGATIVE TEMPERATURE COEFFICIENT) DEVICE APPLICATIONS	201811025523	10-01-2020
3	SYNTHESIS OF NANOPARTICLES OF COBALT AND NICKEL FERRITE SHOWING ANTIFUNGAL EFFECT AGAINST PHYTOPATHOGENIC FUNGI	201811031254	28-02-2020
4	Body Posture Detector and Trainer	201811042798	14-08-2020
5	BIODEGRADABLE TAPE	201811042799	14-08-2020
6	A METHOD FOR DEVELOPMENT OF PORPHYRAN/CHITOSAN BIOFILM	201811043158	14-08-2020
7	High response at low power Tungsten doped Ni-Zn ferrites resistive sensor for Hydrogen gas	201811043159	14-08-2020
8	BIODEGRADABLE, ECO-FRIENDLY AND NON TOXIC DYE FOR COSMETIC AND NON COSMETIC APPLICATIONS	201811045280	21-08-2020
9	A System and Method for Analyzing and Predicting Blue Moon Effect	201811045281	21-08-2020
10	BIODEGRADABLE FOOD PACKAGING MATERIAL	201911002173	28-08-2020
11	ANIMAL VENTILATOR	201911002174	28-08-2020
12	A SYSTEM AND METHOD FOR NON DESTRUCTIVE DETECTION OF CHLOROPHYLL	201911002175	28-08-2020
13	A SYSTEM AND METHOD FOR IMPROVING AIR QUALITY INDEX	201911002176	28-08-2020
14	NOVEL KIT FOR DETECTION OF FORGED DOCUMENTS	201911002177	24-07-2020
15	ONE POT GREEN SYNTHESIS OF ULVAN REDUCED ANDROGRAPHOLIDES LOADED SILVER NANOPARTICLES	201911002754	31-07-2020
16	PNEUMATIC POWERED EXOSKELETON	201911010641	25-09-2020
17	A SYSTEM AND METHOD FOR THE IDENTIFICATION AND DELINEATION OF SALINE-FRESH WATER INTERFACE IN COASTAL AQUIFERS	201911010642	25-09-2020
18	A SYSTEM AND METHOD FOR ESTIMATING BLACK CARBON (BC) CONCENTRATION IN SURROUNDING AIR	201911010643	25-09-2022
19	A SYSTEM AND METHOD FOR ULVAN REDUCED GOLD NANOPARTICLES	201911010646	25-09-2020
20	ELBOW SLEEVE WITH AN INBUILT DEEP FRICTION MASSAGER	201911010647	25-09-2020



Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
21	PROBIOTIC BREAD SPREAD AND ITS METHOD THEREOF	201911010648	25-08-2022
22	A System and Method for Prediction of The Quality of Effector Function Generation in Human T Cell Receptor Engineered Anti-Tumor T Cells	201911010649	25-09-2020
23	AN ANTI-POLLUTION EYE MAKEUP	201911010651	25-09-2020
24	A SYSTEM AND METHOD FOR INDUCED BAND GAP IN BILAYER GRAPHENE TRANSFERRED ON HEXAGONAL BORON NITRIDE	201911014024	25-08-2021
25	FABRIC WITH SELF CLEANING PROPERTY	201911014025	20-08-2021
26	A METHOD OF PREPARATION OF COLOCASIA ESCULENTA LEAVES AQUEOUS EXTRACT	201911014026	20-08-2021
27	A SYSTEM AND METHOD FOR DIFFERENTIATING REAL AND FORGED FINGERPRINTS	201911014027	20-08-2021
28	A METHOD OF GREEN SYNTHESIS OF BARIUM FERRITE NANOPARTICLES	201911015553	23-10-2020
29	HYBRID HYDROGEL GRAFTED WOOD HUSK FOR REMOVAL AND DEGRADATION OF DYE FROM WATER EFFLUENTS	201911015554	23-09-2020
30	TWO WHEELER ANTI FALL SYSTEM ON SKID DETECTION	201911015555	20-08-2021
31	AN IMPROVED NANOCOMPOSITE FOR THE DELIVERY OF AGROCHEMICALS	201911015556	20-08-2021
32	A NON-INVASIVE DEVICE FOR HEMOGLOBIN (HB) MEASUREMENT	201911015557	20-08-2021
33	"A System and Method for Preparing Chloroplast Nanoparticles"	201911016187	20-08-2021
34	AN INDIGENOUS APOPTOSIS DETECTION AND MEASUREMENT KIT	201911022094	27-08-2021
35	PD NANOPARTICLES AND MOLYBDENUM DISULFIDE (MOS <sub>2</sub> ) INTEGRATED SENSING PLATFORM FOR THE DETECTION OF NEUROMODULATOR	201911024092	25-12-2020
36	A SYSTEM AND METHOD FOR ORGAN BASED ADULT STEM CELLS PROLIFERATION	201911024113	27-08-2021
37	A METHOD FOR PRETREATED CHITOSAN ENCAPSULATED EXUDATE FROM FICUS RACEMOSA AND ITS HEPATOPROTECTIVE EFFECT	201911024115	27-08-2021
38	A TOOTH BRUSH WITH DETACHABLE BRISTLE HEAD	201911024116	25-12-2020

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39	A SYSTEM AND METHOD FOR PREPARING RED BLOOD CELLS FROM STEM CELLS	201911027393	20-08-2021
40	A SYSTEM AND METHOD TO IMPROVE THE SHELF LIFE OF FREEZE DRIED ALKALI TREATED CALOTROPIS GIGANTEA MILK	201911027394	27-08-2021
41	HYBRID HYDROGELS AS EXTRA-CELLULAR MATRIX BIO-MIMICS FOR CRUELTY FREE HIGH THROUGHPUT ANTI-CANCER DRUG SCREENING	201911028044	27-08-2021
42	A SYSTEM AND METHOD FOR ISOLATED, IMPROVED, MUTATED STRAIN OF BACTERIA- BACILLUS AMYLOLIQUEFACIENS IN WILTING OF TOMATO	201911029678	27-08-2021
43	ALOE VERA INCORPORATED HYDROGEL AND NANOFIBROUS MATS BASED BI-LAYER WOUND DRESSING MATERIAL	201911029679	29-01-2021
44	ANTITHEFT SYSTEM FOR KEYLESS ACCESS	201911031957	27-08-2021
45	A METHOD OF SYNTHESIS OF COPPER (CU) DOPED CERIUM DI-OXIDE (CeO <sub>2</sub> ) NANOPARTICLES	201911032724	19-02-2021
46	A motorized shaving brush	201911032725	19-02-2021
47	AN AUTOMATED CHIMNEY FIRE EXTINGUISHER	201911034018	27-08-2021
48	A SYSTEM AND METHOD FOR WATER PURIFICATION USING BIODEGRADABLE SUBSTANCES	201911034019	27-08-2021
49	A SYSTEM AND METHOD FOR IDENTIFICATION OF PERSON	201911034020	27-08-2021
50	A METHOD OF PREPARATION OF A FERMENTED PROTEIN RICH BEVERAGE WITH LUPIN BEANS201911034021	201911034021	20-09-2021
51	AN AUTO-ADJUSTING WAIST BELT BUCKLE	201911034022	20-08-2021
52	A A SYSTEM AND METHOD OF DRUG TARGET FOR THE TREATMENT OF DRUG RESISTANT TUBERCULOSIS	201911034023	20-08-2021
53	AN ULTRASONIC SCISSOR	201911034434	05-03-2021
54	An Automobile battery power level indicator	201911034435	05-03-2021
55	A SYSTEM AND METHOD FOR USING CORDYCEPS SINENSIS	201911035008	27-08-2021
56	Cell assay kit for detection of androgens/antiandrogens in water	201911035969	12-03-2021
57	A METHOD OF GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING CUCUMIS SATIVUS (CUCUMBER) EXTRACT AND ITS INFUSION IN CREAM	201911036498	12-03-2021

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58	A power assisted centre-stand for two-wheeler	201911037153	19-03-2021
59	A WATER TANK WITH AUXILIARY HYDROKINETIC POWER GENERATION SYSTEM	201911037154	19-03-2021
60	NATURAL COMPOST LOADED ACACIA GUM BASED BIODEGRADABLE HYDROGEL FOR CONDITIONING OF AGRICULTURE LAND AND GRASS ECOYSTEM	201911037155	19-03-2021
61	AN ANTI BREAST ENGORGEMENT BRASSIERE	201911037156	03-09-2022
62	A COMB WITH VARIABLE TEETH	201911040733	16-04-2021
63	A nanomaterial based portable water treatment system	201911040734	16-04-2021
64	A System and Method for Bed Mattress Cover	201911042077	23-04-2021
65	A fiber rich ketchup using lotus stem infused with flavonoids	201911042621	23-04-2021
66	Treatment of methylene blue using multiwalled carbon nanotubes	201911051001	11-06-2021
67	A method to culture and identify Fusarium solani causing stem rot and wilt of lucky Bamboo (Dracaena sanderiana)"	201911051003	11-06-2021
68	A cell-based assay using house dust mite in rat mast cell line, RBL-2H3 to measure biomarkers relevant in pulmonary inflammation	201911051776	03-09-2021
69	A system and method for the prediction of coefficient of consolidation for different waste materials present in landfill sites	201911051777	03-09-2021
70	Thermosensitive marking pen	202011000845	07-09-2021
71	A Method of Synthesis of Yttrium Iron Garnet (YIG) nano-materials as source of clean and green energy	202011001179	16-07-2021
72	A system and method for accumulative tube bonding for severe plastic deformation	202011002859	23-07-2021
73	A system and method of silver nanoparticle based detection of advanced glycation end product	202011003883	27-08-2021
74	A low cost method of mass cloning of plant {Tylophora indica (Burm. f) Merrill} using liquid medium	202011004806	06-08-2021
75	A zeolite material and its method for remediation by immobilization method to treat contaminated soil	202011006304	03-09-2021
76	An add-on device and its method to recycle the household water wastage	202011006457	20-08-2021

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77	A microbial contortium jagerry powder for bioremediation process of minimise the chemical load of leachate sample	202011007725	27-08-2021
78	A System and Method of Detection of Androgens and Anti-Androgens in Water with SEAP Assay	202011007726	27-08-2021
79	PELTIER BASED HOT-COLD THERMOS	202011008125	03-09-2021
80	A method of preparation of a low calorie and calcium rich plant based mayonnaise	202011009069	03-03-2020
81	A nasal stick for lungs detoxification against air pollutants	202011009701	06-03-2020
82	High speed blade type dry grinding machine tool	202011010830	17-09-2021
83	A method providing spliced transcripts of CERS2 gene to alter the level of ceramides to effect tumor regression	202011011239	16-03-2021
84	'An automated system and method for mental screening'	202011011637	24-09-2021
85	A system and method for Chrysotile asbestors fiber reinforced geopolymer bricks'	202011011892	24-09-2021
86	AN ELECTRONIC DOOR SEALER	202011012067	24-09-2021
87	A SYSTEM AND METHOD OF PREDICTIVE OPTIMISATION FOR GEOPOLYMER CEMENT PRODUCTION	202011012583	24-09-2021
88	A thermos flask with reversible liquid crystal temperature strip (LCT) on cap	202011013530	01-10-2021
89	A soiling monitoring and cleaning device for SPV panel'	202011013536	01-10-2021
90	A system and method of L-DOPA response prediction for Parkinson's disease using machine learning approach	202011015184	08-10-2021
91	An integrated eye makeup kit	202011015462	15-10-2021
92	AN ANTIMICROBIAL FACE MASK USING NANOPARTICLE COATING"	202011017740	29-10-2021
93	'A METHOD FOR SYNTHESIS OF BISMUTH DOPED Ni-Zn FERRITES'	202011017917	27-04-2020
94	DIAGNOSTIC SYSTEM AND METHOD FOR RAPID DETECTION OF PRESENCE OF ANTIGEN	202011018218	29-10-2020
95	AN ANTI TREMOR PEN	202011018758	05-11-2021
96	AN METHOD FOR COBALT SUBSTITUTED ZINC FERRITE ASSISTED PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE	202011018761	05-11-2021

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97	A MULTI-PURPOSE SOLAR ARTIFACT INTEGRATED WITH PHASE CHANGE MATERIAL'	202011018834	05-11-2021
98	A BIO-SYNTHETIC HYDROGEL COMPOSITE AND ITS METHOD THEREOF'	202011019343	12-11-2021
99	An infectious agent/ cells/ biomarker trap system utilizing patient-derived human colvaescent plasma to develop next generation diagnostic kits against infectious diseases and chronic conditions'	202011019784	12-11-2021
100	Low cost nano-patterning of graphene to safeguard from viruses and bacteria	202011021718	26-11-2021
101	A sugar-free chewing gum to cure dental caries, pain and mouth ulcer	202011022670	03-12-2021
102	A method of synthesis of magneto-electric lead nickel niobate ceramics'	202011024826	17-12-2021
103	A GREY WATER REMEDIATION SYSTEM WITH EXISTING ORIGINAL EQUIPMENT MANUFACTURER OEM'	202011030991	20-07-2020
104	A METHOD FOR PREPARING NANO-COMPOSITE ANTIMICROBIAL POLYMERS FOR MANUFACTURING RESPIRATOR MASK"	202011031429	22-07-2020
105	A RETRACTABLE SEAT ASSEMBLY FOR A MOTOR VEHICLE	202011032177	27-07-2020
106	AN AUTONOMIC NANO-FORMULATION FOR LONG HAUL DISINFECTION AND PROCESS THEREOF	202011032587	29-07-2020
107	A NOVEL MEDICATED PLASTER FOR THE TREATMENT OF UNDERLYING SKIN COMPLICATIONS.	202011032835	30-07-2020
108	A HEAD GESTURE-CONTROLLED WHEELCHAIR SYSTEM	202011033725	06-08-2020
109	A METHOD FOR PREPARING AN ADVANCED GRAPHENE AND NATURAL SILK REINFORCED EPOXY COMPOSITE MATERIALS'	202011035994	20-08-2020
110	A DETACHABLE WIPING ASSEMBLY FOR CROCKERY AND UTENSILS'	202011036648	25-08-2020
111	NASAL SPRAY WITH BOSWELLIC ACID BASED COMPOSITIONS AND METHOD THEREOF"	202011037227	28-08-2020
112	A nasal stick for lungs detoxification against air pollutants	202011009701	06-03-2020
113	Emergency bathroom latch opener using a spring device	202011014571	01-04-2020
114	'A METHOD FOR SYNTHESIS OF BISMUTH DOPED Ni-Zn FERRITES'	202011017917	29-10-2021

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115	A Mop Assembly	202011038376	04-09-2020
116	"A POLYHERBAL ANTI-ACNE COMPOSITION AND PREPARATION METHOD THEREOF"	202011046335	23-10-2020
117	A METHOD FOR PREPARING COMPOSITE MATERIALS SHEET OF NON WOVEN GEOTEXTILE ON THE STRENGTH OF CLAYEY SOIL	202011046849	27-10-2020
118	"AN EBOT FOR MEDICAL FIRST AID AND EMERGENCY"	202011049781	13-11-2020
119	"A FACE MASK HAVING VENTILATOR ATTACHMENT INLET"	202011049782	13-11-2020
120	"AN ANTIMICROBIAL COMPOSITION HAVING CERAMIDE RICH-HYDROGEL DRESSERS BLENDED WITH VEGETABLE OIL EMULSION AND METHOD THEREOF"	202011052760	13-12-2020
121	PROTEIN RICH CHUNKS FROM HORSEGRAM, BARNYARD MILLET AND WHEY TO STRENGTHEN IMMUNITY AND METHOD THEREOF"	202011052761	03-12-2020
122	A MULTILAYER LINER WITH ENHANCED CAPACITY TO ABSORB CERVIX DISCHARGE'	202011055226	18-12-2020
123	PLASMODIUM FALCIPARUM APICAL MEMBRANE ANTIGEN 1 (AMA1) ANTIGEN BASED NON- INVASIVE DETECTION OF MALARIA THROUGH URINE AND METHOD THEREOF'	202111001742	14-01-2021
124	"A SYSTEM AND METHOD OF FORMULATING FUMIGANT ACTIVITY OF SYZYGIUM AROMATICUM OIL IN COMBINATION WITH ANETHUM GRAVEOLENS OIL' "	202111002632	20-01-2021
125	A QUICK-ABSORBABLE BIOADHESIVE SUBLINGUAL CAPSAICIN TABLETS AND PREPARATION METHOD THEREOF"	202111006298	15-02-2021
126	'A FOOTWEAR CLEANING ASSEMBLY'	202111011072	16-03-2021
127	Reduction in Workpiece Setting Time and Increase Productivity using Fixture'	202111011074	16-03-2021
128	A METHOD FOR NANO DIAMOND MEDIATED NUTRACEUTICAL DELIVERY FOR NON ALCOHOLIC FATTY ACID LIVER DISEASE"	202111012098	22-03-2021
129	"BIOGENIC GOLD-SILVER BIMETALLIC NANOPARTICLES AS POTENTIAL ANTI LEISHMANIAL AGENTS, DRUG CARRIERS AGAINST WILD AND DRUG RESISTANT LEISHMANIA DOANAVANI""	202111014750	31-03-2021
130	"AN INORGANIC SOLID WASTE SEGREGATOR AND RESOURCE RECOVERY SYSTEM""	202111017330	13-04-2021

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131	A DRAINAGE GRATING ASSEMBLY'	202111018998	24-04-2021
132	"A PAPER BASED BIOSENSOR FOR URIC ACID DETECTION AND METHOD THEREOF"	202111024317	01-06-2021
133	'A METHOD OF GENERATING BIOSYNTHETIC BIOMATERIAL (HYDROGEL) AND PLURIPOTENT STEM CELLS FOR OCULAR SURFACE/LACRIMAL GLAND/CORNEAL TISSUE REGENERATION'	202111026519	15-06-2021
134	'RNA EXTRACTION FREE ASSAY FOR KIT DEVELOPMENT TO VISUALLY DETECT SARS-COV-2 AND METHODS THEREOF'	202111028198	17-09-2021
135	A METHOD TO PRESENT ANTIMICROBIAL ACTIVITY OF TIO <sub>2</sub> AND ZNO/GO NANOMATERIAL ON ENTEROCOCCUS FAECAILS'	202111034048	29-07-2021
136	A Male External Urinary Catheter	202111043895	28-09-2021
137	A method using alternative splicing of UDP-Glucose Ceramide Glucosyltransferase (UGCG) as a marker for breast cancer diagnosis and prognosis'	202111056492	06-12-2021
138	'A METHOD FOR PREPARING NOVEL COMPOSITION FOR FLY ASH BRICKS WITH CONCRETE WASTE DEBRIS AND SELF HEALING BACTERIA'	202111059380	20-12-2021
139	"A METHOD FOR FABRICATION OF ALUMINIUM MMCS WITH DIFFERENT COMPOSITIONS OF GRAPHENE – OXIDE AND GRAPHITE "	202111059616	21-12-2021
140	"A VIRTUAL ILLUSION WINDOW ASSEMBLY	2020110141926	28-09-2020
141	A BREAST FEEDING DEVICE TO HELP WITH HYPOGALACTIA	202011020872	26-11-2021
142	A SOLAR ENERGY AND MAGNETIC LEVITATION BASED COPTER'	202111044829	01-10-2021
143	Predictive Optimisation Model for Geopolymer Cement Production	202011012583	02-03-2020
144	A soiling monitoring and cleaning device for SPV panel	202011013536	02-03-2020
145	Emergencybathroomlatchopenerusing aspringdevice	202011014571	01-04-2020
146	Smart Bottle for Ubiquitous healthcare support	202011033829	01-08-2020
147	A NOVEL SOLAR ASSISTED DEFLUORIDATION DEVICE USING LANGMUIRISOTHERM MODEL FOR FLUORIDE FREE DRINKING WATER	202131026317	01-06-2021

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
148	AN INORGANIC SOLID WASTE SEGREGATOR AND RESOURCE RECOVERY SYSTEM	202111017330	01-04-2022
149	Intelligent Green House Using IOT	2021100630	01-02-2021
150	AN IOT BASED SOLAR WASHING MACHINE	2021103399	21-06-2021
151	WALKING STICK FOR BLIND PERSON WITH MULTIPLE SENSORS	2021104044	01-07-2021
152	AN ARTIFICIAL INTELLIGENCE BASED IOT ENABLED DROWSINESS DETECTION SYSTEM	2021104783	02-08-2021
153	A METHOD FOR PREPARING NOVEL COMPOSITION FOR FLY ASH BRICKS WITH CONCRETE WASTE DEBRIS AND SELF HEALING BACTERIA	202111059380	01-12-2021

### 7.3) Patent Published / Granted Data

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Instituti on Applied for the Patent
1	201911016187	A System and Method for Preparing Chloroplast Nanoparticles	20-08-2020	Published	2021	Appli
2	201811031254	SYNTHESIS OF NANOPARTICLES OF COBALT AND NICKEL FERRITE SHOWING ANTIFUNGAL EFFECT AGAINST PHYTOPATHOGENIC FUNGI	28-02-2020	Published	2020	Appli
3	201911031957	ANTITHEFT SYSTEM FOR KEYLESS ACCESS	27-08-2021	Published	2021	Appli
4	201911028044	HYBRID HYDROGELS AS EXTRA-CELLULAR MATRIX BIO-MIMICS FOR CRUELTY FREE HIGH THROUGHPUT ANTI-CANCER DRUG SCREENING	27-08-2021	Published	2021	Appli
5	201911015554	HYBRID HYDROGEL GRAFTED WOOD HUSK FOR REMOVAL AND DEGRADATION OF DYE FROM WATER EFFLUENTS	23-10-2020	Published	2020	Appli



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6	201911027394	A SYSTEM AND METHOD TO IMPROVE THE SHELF LIFE OF FREEZE DRIED ALKALI TREATED CALOTROPIS GIGANTEA MILK	27-08-2021	Published	2021	Appli
7	201911014027	A SYSTEM AND METHOD FOR DIFFERENTIATING REAL AND FORGED FINGERPRINTS	20-08-2021	Published	2021	Appli
8	201911036498	A METHOD OF GREEN SYNTHESIS OF COPPER OXIDE NANOPARTICLES USING CUCUMIS SATIVUS (CUCUMBER) EXTRACT AND ITS INFUSION IN CREAM	12-03-2021	Published	2021	Appli
9	201911022094	AN INDIGENOUS APOPTOSIS DETECTION AND MEASUREMENT KIT	27-08-2021	Published	2021	Appli
10	201811042799	BIODEGRADABLE TAPE	14-08-2020	Published	2020	Appli
11	201911034434	AN ULTRASONIC SCISSOR	03-05-2021	Published	2021	Appli
12	201911014025	FABRIC WITH SELF CLEANING PROPERTY	20-08-2021	Published	2021	Appli
13	201911037155	NATURAL COMPOST LOADED ACACIA GUM BASED BIODEGRADABLE HYDROGEL FOR CONDITIONING OF AGRICULTURE LAND AND GRASS ECOYSTEM	19-03-2021	Published	2021	Appli
14	201911010643	A SYSTEM AND METHOD FOR ESTIMATING BLACK CARBON (BC) CONCENTRATION IN SURROUNDING AIR	25-09-2020	Published	2020	Appli
15	201911002175	A SYSTEM AND METHOD FOR NON DESTRUCTIVE DETECTION OF CHLOROPHYLL	28-08-2020	Published	2020	Appli
16	201911029678	A SYSTEM AND METHOD FOR ISOLATED, IMPROVED, MUTATED STRAIN OF BACTERIA- BACILLUS AMYLOLIQUEFACIENS IN WILTING OF TOMATO	27-08-2021	Published	2021	Appli

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17	201911032724	A METHOD OF SYNTHESIS OF COPPER (CU) DOPED CERIUM DIOXIDE (CEO <sub>2</sub> ) NANOPARTICLES	19-02-2021	Published	2021	Appli
18	202011020872	A BREAST FEEDING DEVICE TO HELP WITH HYPOGALACTIA	26-11-2021	Published	2021	Appli
19	201911010648	PROBIOTIC BREAD SPREAD AND ITS METHOD THEREOF	25-09-2020	Published	2020	Appli
20	201811042798	Body Posture Detector and Trainer	14-08-2020	Published	2020	Appli
21	201911014026	A METHOD OF PREPARATION OF COLOCASIA ESCULENTA LEAVES AQUEOUS EXTRACT	20-08-2021	Published	2021	Appli
22	201811043159	High response at low power Tungsten doped Ni-Zn ferrites resistive sensor for Hydrogen gas	14-08-2020	Published	2020	Appli
23	201811045281	A System and Method for Analyzing and Predicting Blue Moon Effect	21-08-2020	Published	2020	Appli
24	201911010649	A System and Method for Prediction of The Quality of Effector Function Generation in Human T Cell Receptor Engineered Anti-Tumor T Cells	25-09-2020	Published	2020	Appli
25	201911034435	An Automobile battery power level indicator	05-03-2021	Published	2021	Appli
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43	202011003883	A system and method of silver nanoparticle based detection of advanced glycation end product	27-08-2021	Published	2021	Appli
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48	202011006304	A zeolite material and its method for remediation by immobilization method to treat contaminated soil	03-09-2021	Published	2021	Appli
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52	202011007726	A System and Method of Detection of Androgens and Anti-Androgens in Water with SEAP Assay	27-08-2021	Published	2021	Appli
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57	202011010830	High speed blade type dry grinding machine tool	17-09-2021	Published	2021	Appli
58	201811025523	NANOSIZED SUBSTITUTED LITHIUM FERRITE FOR NTC (NEGATIVE TEMPERATURE COEFFICIENT) DEVICE APPLICATIONS	10-01-2020	Published	2020	Appli
59	202011011239	A method providing spliced transcripts of CERS2 gene to alter the level of ceramides to effect tumor regression	17-09-2021	Published	2021	Appli
60	202011011637	'An automated system and method for mental screening'	24-09-2021	Published	2021	Appli
61	202011011892	A system and method for Chrysotile asbestors fiber reinforced geopolymer bricks'	24-09-2021	Published	2021	Appli
62	202011012067	AN ELECTRONIC DOOR SEALER	24-09-2021	Published	2021	Appli
63	201811045280	BIODEGRADABLE, ECO-FRIENDLY AND NON TOXIC DYE FOR COSMETIC AND NON COSMETIC APPLICATIONS	21-08-2020	Published	2020	Appli
64	202011012583	A SYSTEM AND METHOD OF PREDICTIVE OPTIMISATION FOR GEOPOLYMER CEMENT PRODUCTION	24-09-2021	Published	2021	Appli

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Instit Appli the Pate as
65	201911015553	A METHOD OF GREEN SYNTHESIS OF BARIUM FERRITE NANOPARTICLES	23-10-2020	Published	2020	Appli
66	202011013530	A thermos flask with reversible liquid crystal temperature strip (LCT) on cap	01-10-2021	Published	2021	Appli
67	201911024092	PD NANOPARTICLES AND MOLYBDENUM DISULFIDE (MOS <sub>2</sub> ) INTEGRATED SENSING PLATFORM FOR THE DETECTION OF NEUROMODULATOR	25-12-2020	Published	2020	Appli
68	201911034022	AN AUTO-ADJUSTING WAIST BELT BUCKLE	20-08-2021	Published	2021	Appli
69	202011013536	A soiling monitoring and cleaning device for SPV panel'	01-10-2021	Published	2021	Appli
70	201911037154	A WATER TANK WITH AUXILIARY HYDROKINETIC POWER GENERATION SYSTEM	19-03-2021	Published	2021	Appli
71	202011015184	A system and method of L-DOPA response prediction for Parkinson's disease using machine learning approach	08-10-2022	Published	2021	Appli
72	201911010641	PNEUMATIC POWERED EXOSKELETON	25-09-2020	Published	2020	Appli
73	202011015462	An integrated eye makeup kit	15-10-2021	Published	2021	Appli
74	201911015555	TWO WHEELER ANTI FALL SYSTEM ON SKID DETECTION	20-08-2021	Published	2021	Appli
75	202011017740	AN ANTIMICROBIAL FACE MASK USING NANOPARTICLE COATING	29-10-2021	Published	2021	Appli
76	201911034020	A SYSTEM AND METHOD FOR IDENTIFICATION OF PERSON	27-08-2021	Published	2021	Appli
77	202011017917	'A METHOD FOR SYNTHESIS OF BISMUTH DOPED Ni-Zn FERRITES'	29-10-2021	Published	2021	Appli

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Instit appli the Patei as
78	201911034023	A A SYSTEM AND METHOD OF DRUG TARGET FOR THE TREATMENT OF DRUG RESISTANT TUBERCULOSIS	20-08-2021	Published	2021	Appli
79	202011018218	DIAGNOSTIC SYSTEM AND METHOD FOR RAPID DETECTION OF PRESENCE OF ANTIGEN	29-10-2021	Published	2021	Appli
80	201911014024	A SYSTEM AND METHOD FOR INDUCED BAND GAP IN BILAYER GRAPHENE TRANSFERRED ON HEXAGONAL BORON NITRIDE	20-08-2021	Published	2021	Appli
81	201911002176	A SYSTEM AND METHOD FOR IMPROVING AIR QUALITY INDEX	28-08-2020	Published	2022	Appli
82	202011018761	AN METHOD FOR COBALT SUBSTITUTED ZINC FERRITE ASSISTED PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE	05-11-2021	Published	2021	Appli
83	201911024113	A SYSTEM AND METHOD FOR ORGAN BASED ADULT STEM CELLS PROLIFERATION	27-08-2021	Published	2021	Appli
84	202011018758	AN ANTI TREMOR PEN	05-11-2021	Published	2021	Appli
85	202011018834	A MULTI-PURPOSE SOLAR ARTIFACT INTEGRATED WITH PHASE CHANGE MATERIAL	05-11-2021	Published	2021	Appli
86	201911015557	A NON-INVASIVE DEVICE FOR HEMOGLOBIN (HB) MEASUREMENT	20-08-2020	Published	2020	Appli
87	202011019343	A BIO-SYNTHETIC HYDROGEL COMPOSITE AND ITS METHOD THEREOF	12-11-2021	Published	2021	Appli
88	201911015556	AN IMPROVED NANOCOMPOSITE FOR THE DELIVERY OF AGROCHEMICALS	20-08-2021	Published	2021	Appli

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Instit appli the Paten as
89	202011019784	An infectious agent/ cells/ biomarker trap system utilizing patient-derived human colvaescent plasma to develop next generation diagnostic kits against infectious diseases	12-11-2021	Published	2021	Appli
90	201911024116	A TOOTH BRUSH WITH DETACHABLE BRISTLE HEAD	25-12-2020	Published	2020	Appli
91	202011021718	Low cost nano-patterning of graphene to safeguard from viruses and bacteria	26-11-2021	Published	2021	Appli
92	201911027393	A SYSTEM AND METHOD FOR PREPARING RED BLOOD CELLS FROM STEM CELLS	20-08-2021	Published	2021	Appli
93	201911035008	A SYSTEM AND METHOD FOR USING CORDYCEPS SINENSIS	27-08-2021	Published	2021	Appli
94	202011022670	A sugar-free chewing gum to cure dental caries, pain and mouth ulcer	03-12-2021	Published	2021	Appli
95	202011024826	A method of synthesis of magneto-electric lead nickel niobate ceramics	17-12-2021	Published	2021	Appli
96	201911037156	AN ANTI BREAST ENGORGEMENT BRASSIERE	03-09-2021	Published	2021	Appli
97	201911029679	ALOE VERA INCORPORATED HYDROGEL AND NANOFIBROUS MATS BASED BI-LAYER WOUND DRESSING MATERIAL	29-01-2021	Published	2021	Appli
98	202111028198	'RNA EXTRACTION FREE ASSAY FOR KIT DEVELOPMENT TO VISUALLY DETECT SARS-COV-2 AND METHODS THEREOF'	17-09-2021	Published	2021	Appli
99	201911002177	NOVEL KIT FOR DETECTION OF FORGED DOCUMENTS	24-07-2020	Published	2020	Appli
100	201911002173	BIODEGRADABLE FOOD PACKAGING MATERIAL	28-08-2020	Published	2020	Appli



Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institi appli the Patei as
101	201911010642	A SYSTEM AND METHOD FOR THE IDENTIFICATION AND DELINEATION OF SALINE-FRESH WATER INTERFACE IN COASTAL AQUIFERS	25-09-2020	Published	2020	Appli
102	201611019393	3D AUGMENTED REALITY HAPTIC TWO-FACTOR VOLUMETRIC FORCE FEEDBACK INTERFACES	09-11-2020	Published	2020	Appli

#### 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	D T T
No Data Found						



# Declaration

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

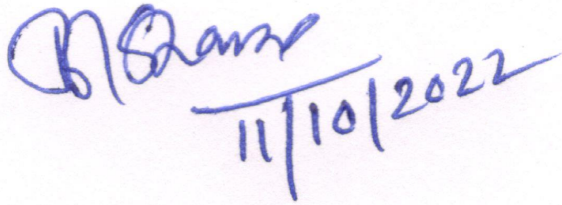
## Joint Declaration by the Head of the Institute and Nodal Officer

**Dear Sir,**

Herewith, myself **Dr. P B Sharma** (Head of Institute) and **Mr. Vikas Madhukar** (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



Nodal officer



Mr. Vikas Madhukar,  
Nodal Officer,  
Amity University Haryana, Gurgaon,  
Gurgaon, Haryana

Dr. P B Sharma,  
Head of the Institution,  
Amity University Haryana, Gurgaon,  
Gurgaon, Haryana