

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)	1,2,3
IIC 2.0 (2019-20)	1
IIC 3.0 (2020-21)	3
IIC 4.0 (2021-22)	3

Contact:

IIC President of the Institute:	Prof. Pratik Ashokrao Patil
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Designation:	Assistant Professor
Email ID:	pratik.patil@ritindia.edu
Mobile No.	7588587317

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	Shailaja Suresh Patil	Advance	0
2	Prof. Dr. Ramchandra Ganpati Desavale	Basic	0
3	Prof. D. S. Patil	Basic	0
4	Dr. Sandip S. Sathe	Basic	0
5	Dr. Jayashree Awati	Basic	0
6	Dr. S. S. More (Sawant)	Basic	0
7	Mr. S. S. Potdar	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-11208	Yes
HEI Participated in the Smart India Hackathon (2022)	C-11208	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	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Course
1	Engineering Exploration and Design Project	SH1891	2020-21	Core Course	Bachelor	Sciences and Humanities	2	27-01-2021 00:00:00	12-05-2021 00:00:00	106	50	Offline	243

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Course
2	Engineering Exploration and Design Project	SH1891	2020-21	Core Course	Bachelor	Sciences and Humanities	2	05-07-2021 00:00:00	25-09-2021 00:00:00	83	50	Online	336
3	Engineering Exploration and Design Project	SH1891	2021-22	Core Course	Bachelor	Sciences and Humanities	2	22-12-2021 00:00:00	19-03-2022 00:00:00	88	50	Offline	281
4	Engineering Exploration and Design Project	SH1891	2021-22	Core Course	Bachelor	Sciences and Humanities	2	25-04-2022 00:00:00	01-05-2022 00:00:00	7	50	Offline	316
5	Innovative Tools and Methods for Entrepreneur	SH2693	2021-22	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	1	04-04-2022 00:00:00	15-07-2022 00:00:00	103	24	Offline	152
6	New Product Design and Development	OE330	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	24-01-2022 00:00:00	01-05-2022 00:00:00	98	36	Offline	15
7	Entrepreneurship Development	OE3322	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	24-01-2022 00:00:00	01-05-2022 00:00:00	98	36	Offline	67
8	Research Methodology	OE334	2021-22	Elective Course	Bachelor	Mechanical Engineering	3	24-01-2022 00:00:00	01-05-2022 00:00:00	98	36	Offline	57
9	Project Management	ED4102	2021-22	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	2	24-01-2022 00:00:00	01-05-2022 00:00:00	98	24	Offline	29
10	Commercial Aspects of the Project	ED4042	2021-22	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	2	24-01-2022 00:00:00	01-05-2022 00:00:00	98	24	Offline	29
11	Entrepreneurship Development Program	ED4062	2021-22	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	1	24-01-2022 00:00:00	01-05-2022 00:00:00	98	12	Offline	29
12	Entrepreneurship Development Project	ED4082	2021-22	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	6	24-01-2022 00:00:00	01-05-2022 00:00:00	98	84	Offline	29
13	Research Methodology and IPR	CCM1214	2021-22	Core Course	Master	Civil Engineering	2	25-04-2022 00:00:00	01-05-2022 00:00:00	7	24	Offline	13

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Course
14	Research Methodology and Intellectual Property Rights (IPR)	CES1184	2021-22	Core Course	Master	Civil Engineering	2	08-12-2021 00:00:00	19-03-2022 00:00:00	102	24	Offline	20
15	Innovative Tools and Methods for Entrepreneur	SH2692	2020-21	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	1	18-01-2021 00:00:00	12-05-2021 00:00:00	115	24	Offline	111
16	New Product Design and Development	OE330	2020-21	Elective Course	Bachelor	Mechanical Engineering	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	16
17	Project Feasibility Analysis	ED4002	2020-21	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	25
18	Finance for Entrepreneur	ED4004	2020-21	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	2	18-01-2021 00:00:00	12-05-2021 00:00:00	115	24	Offline	25
19	Marketing for Entrepreneur	ED4006	2020-21	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	2	18-01-2021 00:00:00	12-05-2021 00:00:00	115	24	Offline	25
20	Entrepreneurship Development Laboratory work	ED4008	2020-21	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	2	18-01-2021 00:00:00	12-05-2021 00:00:00	115	48	Offline	25
21	Product-Start up Complete techno economic feasibility assessed by funding agencies and approved for funding	ED4010	2020-21	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	25
22	EDP Program	ED4012	2020-21	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	11
23	Research Methodology and IPR	CCM1214	2020-21	Core Course	Master	Civil Engineering	2	05-06-2021 00:00:00	25-09-2021 00:00:00	113	24	Offline	17

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Course
24	Research Methodology and Intellectual Property Rights (IPR)	CES1184	2020-21	Core Course	Master	Civil Engineering	2	18-01-2021 00:00:00	12-05-2021 00:00:00	115	24	Offline	21
25	Business Opportunities Guidance	ED4001	2020-21	Core Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	2	18-01-2021 00:00:00	12-05-2021 00:00:00	115	24	Offline	25
26	IPR and Cyber law	CI309	2020-21	Elective Course	Bachelor	Information Technology	2	01-07-2020 00:00:00	30-10-2020 00:00:00	122	24	Offline	55
27	Innovation Tools and Methods for Entrepreneurs	SH2692	2020-21	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	2	05-08-2020 00:00:00	07-11-2020 00:00:00	95	24	Online	140
28	Innovation Tools and Methods for Entrepreneurs	SH2693	2021-22	Elective Course	Bachelor	Center for Innovation Incubation and Entrepreneurship Development	2	25-10-2021 00:00:00	29-01-2022 00:00:00	97	24	Offline	137
29	Research Methodology and IPR	EPP2090	2020-21	Core Course	Master	Electrical Engineering	2	05-07-2021 00:00:00	25-09-2021 00:00:00	83	24	Online	10
30	Creativity Design Thinking and Entrepreneurial Mindset	SE1451	2020-21	Elective Course	Bachelor	Sciences and Humanities	2	27-01-2021 00:00:00	12-05-2021 00:00:00	106	24	Online	39
31	Creativity Design Thinking and Entrepreneurial Mindset	SE1451	2020-21	Elective Course	Bachelor	Sciences and Humanities	2	05-07-2021 00:00:00	25-09-2021 00:00:00	83	24	Online	20
32	Creativity Design Thinking and Entrepreneurial Mindset Lab	SE1671	2020-21	Elective Course	Bachelor	Sciences and Humanities	1	05-07-2021 00:00:00	25-09-2021 00:00:00	83	24	Online	20
33	Creativity Design Thinking and Entrepreneurial Mindset Lab	SE1671	2020-21	Elective Course	Bachelor	Sciences and Humanities	1	27-01-2021 00:00:00	12-05-2021 00:00:00	106	24	Online	39
34	Creativity Design Thinking and Entrepreneurial mindset	SE1451	2021-22	Elective Course	Bachelor	Sciences and Humanities	2	22-12-2021 00:00:00	19-03-2022 00:00:00	88	24	Offline	40
35	Creativity Design Thinking and entrepreneurial mindset lab	SE1671	2021-22	Elective Course	Bachelor	Sciences and Humanities	1	22-12-2021 00:00:00	19-03-2022 00:00:00	88	24	Offline	40

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36	Creativity Design Thinking and entrepreneurial mindset	SE1451	2021-22	Elective Course	Bachelor	Sciences and Humanities	2	25-04-2022 00:00:00	01-05-2022 00:00:00	7	24	Offline	45
37	Creativity Design Thinking and entrepreneurial mindset lab	SE1671	2021-22	Elective Course	Bachelor	Sciences and Humanities	1	22-04-2022 00:00:00	01-05-2022 00:00:00	10	24	Offline	45
38	Introduction to Entrepreneurship	MIV101	2021-22	Core Course	Master	Department of Management Studies	3	08-12-2021 00:00:00	19-03-2022 00:00:00	102	36	Offline	32
39	ENTREPRENEURSHIP DEVELOPMENT	OE3322	2020-21	Elective Course	Bachelor	Mechanical Engineering	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	51
40	RESEARCH METHODOLOGY	OE334	2020-21	Elective Course	Bachelor	Mechanical Engineering	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	53
41	RESEARCH METHODOLOGY AND IPR	MDE1244	2021-22	Core Course	Master	Mechanical Engineering	2	25-04-2022 00:00:00	01-05-2022 00:00:00	7	24	Offline	23
42	Entrepreneurial Economics	MIV103	2021-22	Core Course	Master	Department of Management Studies	3	08-12-2021 00:00:00	19-03-2022 00:00:00	102	36	Offline	32
43	Business Opportunities Identification	MIV105	2021-22	Core Course	Master	Department of Management Studies	3	08-12-2021 00:00:00	19-03-2022 00:00:00	102	36	Offline	32
44	Idea Generation and Validation	MIV107	2021-22	Core Course	Master	Department of Management Studies	3	08-12-2021 00:00:00	19-03-2022 00:00:00	102	36	Offline	32
45	Entrepreneurial Finance	MIV109	2021-22	Core Course	Master	Department of Management Studies	3	08-12-2021 00:00:00	19-03-2022 00:00:00	102	36	Offline	32
46	Entrepreneurship Development	MGC2012	2021-22	Core Course	Master	Department of Management Studies	3	15-11-2021 00:00:00	15-02-2022 00:00:00	93	36	Offline	130
47	Export- Import Procedure and Documentation	MGE215	2021-22	Elective Course	Master	Department of Management Studies	3	15-11-2021 00:00:00	16-02-2022 00:00:00	94	36	Offline	130
48	Project Management	ED3002	2021-22	Core Course	Master	Department of Management Studies	3	15-11-2021 00:00:00	16-02-2022 00:00:00	94	36	Offline	130
49	New Venture Finance- Startup Funding for Entrepreneurs	ED3004	2021-22	Elective Course	Master	Department of Management Studies	3	15-11-2021 00:00:00	16-02-2022 00:00:00	94	36	Offline	130
50	Entrepreneurship Development	22032	2020-21	Core Course	Diploma	Automobile Engineering	2	17-08-2020 00:00:00	30-01-2021 00:00:00	167	64	Blended Mo	64

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51	Capstone Project Planning	22058	2020-21	Core Course	Diploma	Automobile Engineering	4	18-08-2020 00:00:00	30-01-2021 00:00:00	166	64	Blended Mo	64
52	Capstone Project and Execution	22060	2020-21	Core Course	Diploma	Automobile Engineering	4	22-03-2021 00:00:00	10-06-2021 00:00:00	81	64	Blended Mo	64
53	Entrepreneurship Development	22032	2021-22	Core Course	Diploma	Automobile Engineering	2	15-09-2021 00:00:00	31-12-2021 00:00:00	108	64	Offline	38
54	Capstone Project Planning	22058	2021-22	Core Course	Diploma	Automobile Engineering	4	15-09-2021 00:00:00	31-12-2021 00:00:00	108	64	Offline	38
55	Capstone Project and Execution	22060	2021-22	Core Course	Diploma	Automobile Engineering	4	14-02-2022 00:00:00	01-05-2022 00:00:00	77	64	Offline	38
56	Capstone Project Planning	22058	2020-21	Core Course	Diploma	Mechanical Engineering	2	17-08-2020 00:00:00	30-01-2021 00:00:00	167	32	Blended Mo	80
57	Entrepreneurship Development	22032	2020-21	Core Course	Diploma	Mechanical Engineering	2	20-03-2021 00:00:00	10-06-2021 00:00:00	83	64	Blended Mo	80
58	Capstone Project Execution and Report Writing	22060	2020-21	Core Course	,Diploma	Mechanical Engineering	4	20-03-2021 00:00:00	10-06-2021 00:00:00	83	64	Blended Mo	80
59	Capstone Project Planning	22058	2021-22	Core Course	Diploma	Mechanical Engineering	2	15-09-2021 00:00:00	31-12-2021 00:00:00	108	32	Blended Mo	70
60	Entrepreneurship Development	22032	2021-22	Core Course	Diploma	Mechanical Engineering	2	14-02-2022 00:00:00	01-05-2022 00:00:00	77	64	Blended Mo	70
61	Capstone Project Execution and Report Writing	22060	2021-22	Core Course	Diploma	Mechanical Engineering	4	14-02-2022 00:00:00	01-05-2022 00:00:00	77	64	Blended Mo	70
62	Entrepreneurship Development	22032	2020-21	Core Course	Diploma	Electrical Engineering	1	05-08-2020 00:00:00	02-12-2020 00:00:00	120	32	Online	78
63	Entrepreneurship Development	22032	2021-22	Core Course	Diploma	Electrical Engineering	1	04-10-2021 00:00:00	31-12-2021 00:00:00	89	32	Offline	74
64	Capstone Project Planning	22050	2020-21	Core Course	Diploma	Electrical Engineering	2	05-08-2020 00:00:00	02-12-2020 00:00:00	120	32	Online	78
65	Capstone Project Planning	22050	2021-22	Core Course	Diploma	Electrical Engineering	2	04-10-2021 00:00:00	31-12-2021 00:00:00	89	32	Offline	74
66	Capstone Project Planning and Execution	22060	2020-21	Core Course	,Diploma	Electrical Engineering	4	05-08-2020 00:00:00	02-12-2020 00:00:00	120	64	Online	78

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Course
67	Capstone Project Planning and Execution	22060	2021-22	Core Course	Diploma	Electrical Engineering	4	04-10-2021 00:00:00	31-12-2021 00:00:00	89	64	Offline	74
68	Entrepreneurship Development	OE3323	2021-22	Elective Course	Bachelor	Mechanical	3	24-01-2022 00:00:00	20-05-2022 00:00:00	117	36	Offline	8
69	Research Methodology and IPR	MAT124	2021-22	Core Course	Master	Automobile	3	08-12-2021 00:00:00	19-03-2022 00:00:00	102	36	Online	7
70	Research Methodology and IPR	MAE1130	2020-21	Core Course	,Master	Automobile	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Blended Mo	7
71	Research Project	RE4042	2020-21	Elective Course	Bachelor	Automobile	4	18-01-2021 00:00:00	12-05-2021 00:00:00	115	96	Blended Mo	1
72	Research Project	RE4042	2021-22	Elective Course	Bachelor	Automobile	4	24-01-2022 00:00:00	01-05-2022 00:00:00	98	96	Offline	3
73	Marketing for Engineers	OE3242	2020-21	Elective Course	Bachelor	Electronics and Telecommunication Engineering	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	4
74	Supply Chain Management	OE3282	2020-21	Elective Course	Bachelor	Electronics and Telecommunication Engineering	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	11
75	New Product Design and Development	OE330	2020-21	Elective Course	Bachelor	Electronics and Telecommunication Engineering	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	4
76	Entrepreneurship Development	OE3322	2020-21	Elective Course	Bachelor	Electronics and Telecommunication Engineering	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	2
77	Research Methodology	OE334	2020-21	Elective Course	Bachelor	Electronics and Telecommunication Engineering	3	18-01-2021 00:00:00	12-05-2021 00:00:00	115	36	Offline	1
78	Finance for Engineers	OE438	2021-22	Core Course	Bachelor	Electronics and Telecommunication Engineering	2	24-01-2022 00:00:00	01-05-2022 00:00:00	98	24	Online	21
79	Engineering Management and Economics	OE436	2021-22	Core Course	Bachelor	Electronics and Telecommunication Engineering	2	24-01-2022 00:00:00	01-05-2022 00:00:00	98	24	Online	21

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80	Internship and Project	IP4022	2021-22	Core Course	Bachelor	Electronics and Telecommunication Engineering	6	24-01-2022 00:00:00	01-05-2022 00:00:00	98	96	Offline	21
81	Research Project	RE4042	2021-22	Core Course	Bachelor	Electronics and Telecommunication Engineering	6	24-01-2022 00:00:00	01-05-2022 00:00:00	98	96	Offline	2
82	URE Phase I	RE0407	2020-21	Core Course	Bachelor	Electronics and Telecommunication Engineering	2	01-07-2020 00:00:00	30-11-2020 00:00:00	153	24	Offline	1
83	Product Design	EC3052	2021-22	Core Course	Bachelor	Electronics and Telecommunication Engineering	3	24-01-2022 00:00:00	01-05-2022 00:00:00	98	36	Offline	77
84	Research Methodology and IPR	EEE1174	2020-21	Core Course	Bachelor	Electronics and Telecommunication Engineering	2	18-01-2021 00:00:00	12-05-2021 00:00:00	115	24	Offline	4
85	Energy Conservation and Green Building	22506	2020-21	Elective Course	Diploma	Civil Engineering	3	03-08-2020 00:00:00	24-12-2020 00:00:00	144	48	Online	75
86	Energy Conservation and Green Building	22506	2021-22	Elective Course	Diploma	Civil Engineering	3	16-09-2021 00:00:00	31-12-2021 00:00:00	107	48	Online	77
87	Entrepreneurship Development	22032	2020-21	Core Course	Diploma	Civil Engineering	1	20-03-2021 00:00:00	10-06-2021 00:00:00	83	32	Online	75
88	Entrepreneurship Development	22032	2021-22	Core Course	Diploma	Civil Engineering	1	14-02-2022 00:00:00	01-05-2022 00:00:00	77	32	Online	77
89	Capstone Project Planning	22058	2020-21	Core Course	Diploma	Civil Engineering	4	17-08-2020 00:00:00	30-01-2021 00:00:00	167	64	Online	75
90	Capstone Project Planning	22058	2021-22	Core Course	Diploma	Civil Engineering	4	16-09-2021 00:00:00	31-12-2021 00:00:00	107	64	Online	77

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	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Certificate Program
1	Idea generation and Validation Process	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Management Studies	11-04-2022 00:00:00	20-04-2022 00:00:00	10	40	Offline	36
2	Effective venture management - Project Management	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Department of Management Studies	11-09-2021 00:00:00	24-09-2021 00:00:00	14	35	Blended Mo	54
3	STTP on Applications of Artificial Intelligence (AI) in Mechanical Engineering	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	12-07-2021 00:00:00	16-07-2021 00:00:00	5	30	Online	47
4	One week Online Faculty Development program on Advanced Materials and additive manufacturing systems for Industrial 4	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Mechanical Engineering	25-10-2021 00:00:00	29-10-2021 00:00:00	5	30	Online	130
5	FDP on Emerging optimization techniques for engineering applications	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	27-09-2021 00:00:00	01-10-2021 00:00:00	5	35	Online	101
6	Crash course on Programming in C and CPP	2021-22	Short-term Certificate Program	State Govt. Agency	Mechanical Engineering	10-02-2022 00:00:00	17-03-2022 00:00:00	36	58	Offline	65
7	Real-Time Embedded and IoT System- An Experiential Learning	2021-22	Faculty Development Program (FDP)	Central Govt. Agency	Electronics and Telecommunication Engineering Department	06-12-2021 00:00:00	10-12-2021 00:00:00	5	30	Online	60
8	Six Days Online Training Program on Advanced Power System Optimization Using General Algebraic Modeling Systems	2020-21	Short-term Certificate Program	Self Sponsored/Supported	RIT- IEEE Student Branch and Department of Electrical Engineering	18-01-2021 00:00:00	23-01-2021 00:00:00	6	30	Online	65
9	One Week Virtual Faculty Development program on Artificial Intelligence for Electrical Engineering	2021-22	Faculty Development Program (FDP)	Industry/Non-Govt.	RIT- IEEE Student Branch and Department of Electrical Engineering IEEE Region 10	04-10-2021 00:00:00	08-10-2021 00:00:00	5	30	Online	155

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	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery	Total Numbers of Beneficiaries/Participants Undergone the Certificate Program
10	One Week Online Faculty Development program on Restructured Power System- Operation and Planning	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Electrical Engineering	23-08-2021 00:00:00	28-08-2021 00:00:00	6	30	Online	59
11	One Week Virtual Faculty Development program on Emerging Trends in Electric Vehicles and Infrastructure Development	2021-22	Faculty Development Program (FDP)	Industry/Non-Govt.	Electrical Engineering	12-07-2021 00:00:00	17-07-2021 00:00:00	6	30	Online	174
12	Two week online workshop on Advanced CFD for Industrial application	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	15-12-2021 00:00:00	25-12-2021 00:00:00	11	44	Online	106
13	Five Days Workshop for Final Year Entrepreneurship Development Track Students and Mentors	2020-21	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Centre for Innovation Incubation and Entrepreneurship Development	08-03-2021 00:00:00	13-03-2021 00:00:00	6	30	Offline	48
14	Five Days Workshop for Final Year Entrepreneurship Development Track Students and Mentors	2021-22	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	Centre for Innovation Incubation and Entrepreneurship Development	24-03-2022 00:00:00	29-03-2022 00:00:00	6	30	Offline	53

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) (\geq 600 Sq. Ft. Floor Area)

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	AICTE-IDEALab	NETRARIT Foundation	Sudhir Arali	8788188087	sudhir.arali@ritindia.edu	Seed Grant Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)

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

Sr. No.	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	NETRARIT Foundation	Sudhir M. Arali	8788188087	sudhir.arali@ritindia.edu	Other Central/State Government

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

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	IPR Cell	RIT IPR Cell	Dr. A. B. Kakade	9860457585	anandrao.kakade@ritindia.edu	Mentoring Support,Seed Grant Support

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	Current Engagement of Team Lead in Institute	Contact No	Email	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/Recognition (National/International level) Received
1	Anti Sleep Alarm.	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Adarsh Ashokan Kannarath	Student		2103093@ritindia.edu	0	0	No
2	Weighing Mug	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Varad Arun Patil	Student		varadapatil123@gmail.com	0	0	No

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/Recognition (National/International level) Received
3	Water Cooling Bottle	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Aniket kathode	Student		2110062@ritindia.edu	0	0	No
4	Railway Platform Security	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Shruti Santosh Khochage	Student		2103035@ritindia.edu	0	0	No
5	Portable tiffin heater	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Harshal Vijaykumar Kumbhar	Student		harshalkumbhar712@gmail.com	0	0	No
6	Automatic cattle feeder machine	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Megha Bhosale	Student		2103038@ritindia.edu	0	0	No
7	Automatic cattle feeder machine	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Megha Bhosale	Student		2103038@ritindia.edu	0	0	No

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/Recognition (National/International level) Received
8	Smart Blind Stick with chair	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Neha Shahaji Ghodake	Student		2108013@ritindia.edu	0	0	No
9	The prototype of garbage serigation system for muncipal corporation .this system able to segregate dry, wet and metallic waste properly	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Swapnil suryakant pawar	Student		2110051@ritindia.edu	0	0	No
10	smart vehicle indicator in ghat section	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	omveer vijaykumar patil	Student		omveerpatil503@gmail.com	0	0	No
11	Fingerprint based door lock system	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Triveni Babasaheb Jadhav.	Student		2103041@ritindia.edu	0	0	No

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/Recognition (National/International level) Received
12	Smart Dustbin	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	shourya popat maske	Student		2108064@ritindia.edu	0	0	No
13	Automatic Door control System with Body Temperature Sensor	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Aishwarya Anil Babar	Student		2108008@ritindia.edu	0	0	No
14	automatic room temperature controller	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Sumit pandurang pol	Student		2108005@ritindia.edu	0	0	No
15	automatic room temperature controller	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Sumit pandurang pol	Student		2108005@ritindia.edu	0	0	No
16	automatic room temperature controller	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Sumit pandurang pol	Student		2108005@ritindia.edu	0	0	No

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/Recognition (National/International level) Received
17	Automatic Temperature controller for water heater	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Bhushan Mane	Student		2108012@ritindia.edu	0	0	No
18	20-20 Rule based Eye Protector Device	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Arjun Shahapure	Student		2103024@ritindia.edu	0	0	No
19	Fingerprint Based Bike starter device	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Shreyash pramod mahind	Student		2108056@ritindia.edu	0	0	Yes
20	Kit for Poor Vision People(Smart.V)	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Suraj Dhanaji Padekar	Student	8625861364	2103081@ritindia.edu	0	0	No
21	OTP AND FINGURPEINT BASED BANK LOCKER SECURITY SYTEME	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Tanaya Shivaji Shinde	Student		2103110@ritindia.edu	0	0	No

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engagement of Team Lead in Institute	Contact No	Email	Total Grants Received (from all sources)	Grant Support Received from Institution/Incubation	Awards/Recognition (National/International level) Received
22	Model HCI	Independent Assignment/Non-academic Study Project	2020-21	TRL 6 : Prototype system tested in intended environment close to expected performance	Rushikesh Koli	Alumni		5Techgteam@gmail.com	0	0	No

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	GST No	FY of Establishment	Startup/Venture Recognized by DPIIT/Startup India	FY of Started Receiving Support from the Incubation unit at the Institute	Team Lead/F Name
1	Quantiad	SME Registered Unit (Valid GST No.)	null	27CLYPD4669M1Z3 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201810088_gst_copy_Service2080734.png)	2021-22	No	0	Akshay Dabhol
2	Orobot Technologies	Private Limited Firm (Pvt. Ltd.)	U74999PN2022PTC212549 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201810088_cin_copy_Product,Service9639090.pdf)		2021-22	Yes	0	Maithil Kamble

Sr. No.	Startup/Venture Name	Startup/Venture Registered as	CIN No/LLP/OPC/RC No	GST No	FY of Establishment	Startup/Venture Recognized by DPIIT/Startup India	FY of Started Receiving Support from the Incubation unit at the Institute	Team Lead/F Name
3	Omega research	One Person Company (OPC)	UDYAM-MH-29-0014039 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201810088_cin_copy_Product,Process,Service6781758.jpg)		2021-22	No	0	Rajat H
4	CHATAK INNOVATIONS LLP	Limited Liability Partnership Firm (LLP)	AAW-4218 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201810088_cin_copy_Product,Service6592532.PDF)		2020-21	Yes	0	BAJIRA NANGA
5	5TechG lab LLP	Limited Liability Partnership Firm (LLP)	AAS-7982 View Document (https://api.mic.gov.in/uploads/institutes/innovationcontest/images/innovationcontest/idea/IC201810088_cin_copy_Product,Process,Service9516784.pdf)		2020-21	No	0	Rushika

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	Center for development of advanced computing, Bangalore	Govt. Agency (Central)	10	Active	02-02-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/Section 6-1 Centre of Excellence at RIT_202209261556)
2	Merit consultancy, Pune	Corporate/Industry Association	5	Active	23-07-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/Merit consultancy_20220926155423.pdf)

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
3	CSIR-Central Building Research Institute, Roorkee	Govt. Agency (Central)	2	Active	02-02-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/.CSIR-Central Building Research_20220926155354.pdf)
4	INDO-SPARK construction services (ICFS), Kolhapur	Corporate/Industry Association	3	Active	16-09-2020	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/MoU with Indo-Spark Construction Services, Kolhapur_
5	National Highways Authorities of India (NHAI)	Govt. Agency (Central)	5	Inactive	22-07-2020	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/MoU with NHAI_20220926154951.pdf)
6	EDMRC MANNDCHAFT LLP, Pune	Corporate/Industry Association	3	Active	26-08-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT - EDMRC 26 Aug 2021_20220926154804.pdf)
7	The Automotive Research Association of India (ARAI), Pune	Govt. Agency (Central)	5	Active	28-07-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT-ARAI M Tech 28 July 2021_20220926154732.pdf)
8	Drager India Private Limited (DIPL), Mumbai	Corporate/Industry Association	4	Active	05-07-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT-DIPL 5 July 2021_20220926154703.pdf)
9	Grandiose Automation Solutions Pvt. Ltd., Pune	Corporate/Industry Association	3	Active	02-06-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT - Grandiose MOU 2 June 2021_20220926154621.pc
10	The Automotive Research Association of India (ARAI), Pune	Govt. Agency (Central)	5	Active	30-06-2020	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT-ARAI PGDEAV 30 June 2020_20220926154410.pdf
11	NUK, Taiwan	International Agency	5	Active	07-07-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/NUK & RIT_20220926161054.pdf)
12	National cyber Defence Resource Centre	Non Govt. Agency	2	Active	22-01-2020	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/NCDRC - RIT_compressed_20220926161021.pdf)
13	Infosys	Corporate/Industry Association	2	Active	08-12-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/Infosys - RIT_20220926160948.pdf)

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
14	Shivaji Univesity College Librarian Association (SUCLA)	Corporate/Industry Association	5	Active	10-08-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/SUCLA- RIT LIBRARY 10.08.2022 TO 09.08.2027_compr
15	AG Electric Motors, Malkapur Karad	Corporate/Industry Association	5	Active	01-02-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT_AG Electric Motors Karad_20220926160117.pdf)
16	Shreem Electric Ltd, Jaysingpur, Kolhapur	Corporate/Industry Association	5	Active	01-02-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT_Shreem Electric Jaysingpur_20220926160041.pdf)
17	Quality Power Electrical Equipments Pvt. Ltd, Kupwad MIDC, Sangli	Corporate/Industry Association	5	Active	01-02-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT_Quality Power Sangli_20220926160013.pdf)
18	Sharda Electronics & Co. Sangli	Corporate/Industry Association	5	Active	01-02-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT_Sharda Electronics Sangli_compressed_202209261
19	Yash Capacitors, MIDC, Islampur	Corporate/Industry Association	5	Active	03-12-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT_Yash Capacitors Islampur MoU_20220926155901.p
20	Jago Motion Technologies Pvt. Ltd. Sangli	Non Govt. Agency	3	Active	26-08-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/Section -6 MOU Agreement of Jago Motion Technologi
21	Eepsit Enterprises, M.I.D.C. Road Kupwad	Corporate/Industry Association	5	Active	01-09-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6.3_20220926163411.pdf)
22	Mohit Infotech, Islampur	Corporate/Industry Association	6	Active	11-05-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6.1_compressed (1)_20220926163125.pdf)
23	I-Pro Training and Recruitment Hub	Corporate/Industry Association	6	Active	21-03-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6.2_20220926163044.pdf)
24	Merit Consultancy, Pune	Corporate/Industry Association	5	Active	23-07-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/Merit Consultancy_20220926162416.pdf)
25	Ninad Construction, Miraj	Corporate/Industry Association	3	Active	30-11-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/Ninad construction_20220926162341.pdf)
26	SP Concare Pvt. Ltd., Sangli	Corporate/Industry Association	5	Active	26-11-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/SP concare_20220926162324.pdf)

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
27	GD Construction, Builders & Developers, Satara	Corporate/Industry Association	5	Active	01-03-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/GD construction_20220926162141.pdf)
28	Total Tech Surveyors & consultants, Kurundwad	Corporate/Industry Association	5	Active	01-03-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/Total Tech_20220926162033.pdf)
29	Bicol University, Philippines	International Agency	5	Active	27-10-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/RIT- BICOL UNIVERSITY, PHILIPPINES_compressed_20220926162141.pdf)
30	Universitas Pendidikan Indonesia	International Agency	5	Active	07-10-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/UPI - RIT_compressed_20220926161745.pdf)
31	Age Home Appliances India Private Limited, Shirala	Corporate/Industry Association	5	Active	10-06-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6-1_20220926164547.pdf)
32	Yash Electrical Engineers Private Ltd.	Corporate/Industry Association	5	Active	10-05-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6-6_20220926164521.pdf)
33	Angle Broking Limited	Corporate/Industry Association	5	Active	05-05-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6-4_20220926164448.pdf)
34	Mohite Industries Limited	Corporate/Industry Association	5	Active	20-04-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6-5_20220926164419.pdf)
35	Sanatan Sports Management LLP. Kolhapur	Corporate/Industry Association	5	Active	15-04-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6-2_20220926164342.pdf)
36	Autoclues, Mumbai	Corporate/Industry Association	5	Active	20-02-2020	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6-3_20220926164301.pdf)
37	Shreenath Electricals Pvt. Ltd., Kupwad M.I.D.C	Corporate/Industry Association	5	Active	20-04-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6.7_20220926163650.pdf)
38	AB Engineering, Sangli	Knowledge/Mentoring Agency	5	Active	20-04-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6.6_20220926163609.pdf)

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
39	Om Engineering Works Kupwad M.I.D.C. Sangli	Corporate/Industry Association	5	Active	01-04-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6.5_20220926163540.pdf)
40	Gajraj Solutions, Sangli	Corporate/Industry Association	5	Active	01-04-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6.4_20220926163458.pdf)
41	BHAU Institute Pune	Incubation Unit	02	Active	24-11-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/8.Bhau_20220910174400.pdf)
42	Opex Accelerator Kolhapur	Incubation Unit	05	Active	06-06-2020	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/7.Opex_20220910174258.pdf)
43	Mangesh Narvekar and Associates	IPR Law Firms/Startup	05	Active	06-06-2020	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/9.CS Narvekar_20220910174143.pdf)
44	I2I Pune	Incubation Unit	02	Active	25-09-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/4.I2I_20220910174032.pdf)
45	i4C Pune	Corporate/Industry Association	02	Active	10-11-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/5.I4C_20220910173947.pdf)
46	D. Y. Patil Kolhapur	Educational Institute	02	Active	01-12-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/2.DYP kolhapur_20220910173802.pdf)
47	GIT Level	Educational Institute	02	Active	25-10-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/3.GIT_20220910173635.pdf)
48	KIT Kolhapur	Educational Institute	02	Active	01-12-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/6.KIT kolhapur_20220910173320.pdf)
49	AIC-BAMU	Govt. Agency (State)	05	Active	14-05-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/1.AIC bamu_20220910173441.pdf)
50	M/s GSYK (Green Sustainability & youth Knowledge) Foundation	Non Govt. Agency	3	Active	15-06-2020	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/GSYK1_20220926164743.pdf)
51	National University of Kaohsiung, Taiwan	International Agency	5	Active	07-07-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/MOU- NUK & RIT_20220930163603.pdf)
52	Southern University and Agricultural and Mechanical College (SU) USA	International Agency	3	Active	01-11-2020	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/Southern Univesity_20220930163257.pdf)

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
53	Bicol University Phillippines	International Agency	5	Active	25-11-2021	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/BICOL UNIVERSITY, PHILIPPINES_20220930163015.pdf)
54	SKNSCOE, Pandharpur	Educational Institute	02	Active	13-07-2022	View (/Uploads/Institute/ARI-C-11208/2021-22/CollaboratExternalAgency/10.SKNSCOE_20220910174828.pdf)

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	Hydraulic Mouth Opening Device	Design	331410-001	03-06-2021	No
2	Comfort Face Shield	Design	332143-001	02-03-2022	No
3	A Scooter for Disabled Individual	Design	333979-001	05-04-2021	No

7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	A PROCESS FOR THE PREPARATION OF NANOPARTICLES	202021021252	20-05-2020
2	FLOOR CLEANING MACHINE	202221016077	23-03-2022
3	THIRD ROLLING SUPPORT FOR BULLOCK CART	202221016666	24-03-2022
4	COLLECTION CHAMBER ENABLED MILK SAVING VESSEL	202221015082	19-03-2022
5	A DRIVING SYSTEM FOR HANDICAP PERSON	202221034243	15-06-2022

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	Institute applied the Patent as	View
1	201621033852	System and Method for Fermentation of Batter	04-10-2016	Published	2019		
2	201621033974	AUTOMATIC BHEL VENDING MACHINE	04-10-2016	Published	2019		
3	201621034077	CONTINUOUSLY VARIABLE LENGTH CIRCULAR INTAKE MANIFOLD SYSTEM	05-10-2016	Published	2019		
4	201721004160	SWITCHING POLARITY MULTI-STABLE VIBRATION ENERGY HARVESTER	06-02-2017	Published	2019		
5	201721024732	MULTIPLE SIZED STAPLER	13-07-2017	Published	2019		
6	201721028962	SYSTEM AND METHOD FOR EFFICIENT CONTROL OF ROOM TEMPERATURE	16-08-2017	Published	2019		
7	201821004125	AUTOMATIC SUGARCANE PLANTATION MACHINE	03-02-2018	Published	2019		
8	201821008931	MULTI-SIDED TOOTHBRUSH	12-03-2018	Published	2019		
9	201921005233	SALINE MONITORING SYSTEM	11-02-2019	Published	2020		
10	201921031455	SMA ACTUATOR SYSTEM FOR BATTERY TEMPERATURE CONTROL	03-08-2019	Published	2021	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031114805.pdf)
11	201921031500	LOCKING TONGS	04-08-2019	Published	2021	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031115104.pdf)
12	201923051203	AN IMPROVED SALINE MONITORING AND CONTROL SYSTEM	11-12-2019	Published	2021	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031115204.pdf)

Sr. No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published / Granted Calendar Year	Institute applied the Patent as	View
13	201921051912	HYGIENIC CONTACTLESS SWITCH TO OPERATE ELECTRIC APPLIANCES	14-12-2019	Published	2020	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031115304.pdf)
14	202021004016	ENERGY MONITORING AND DYNAMIC POWER CONTROL SYSTEM	29-01-2020	Published	2021	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031115400.pdf)
15	202021021252	A PROCESS FOR THE PREPARATION OF NANOPARTICLES	20-05-2020	Published	2021	Other(Individual)	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031115525.pdf)
16	202221016077	FLOOR CLEANING MACHINE	23-03-2022	Published	2022	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031115616.pdf)
17	202221016666	THIRD ROLLING SUPPORT FOR BULLOCK CART	24-03-2022	Published	2022	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031115735.pdf)
18	202221015082	COLLECTION CHAMBER ENABLED MILK SAVING VESSEL	19-03-2022	Granted	2022	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031115829.pdf)
19	202221034243	A DRIVING SYSTEM FOR HANDICAP PERSON	15-06-2022	Published	2022	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031115918.pdf)
20	2972/MUM/2013	AN APPARATUS FOR PREPARING CURD	13-09-2013	Granted	2022	Applicant	View (/Uploads/Institute/PatentFiledNew/ARI-C-11208/2021-22/ARI-C-11208_20221031120035.pdf)

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	Date of Transferred Technology
1	Automatic Hand Sanitizer Machine	Non-IP/Non-Patented Technology	Dr. A.B Kakade, RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Start-up	Anand Techno Creations	24-04-2020
2	Process For Synthesis Of Antipathogen Nanoparticles	IP/Patented Technology	Mrs. Supriya Sagar More and RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Start-up	Oasis Scientific Technologies	20-05-2020
3	Biodegradable Plastic	Non-IP/Non-Patented Technology	Mahesh V. Pisal and RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Start-up	TGP Bio-Plastic	03-02-2020

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	Date of Transferred Technology
4	Automatic Ringing Bell	Non-IP/Non-Patented Technology	Dr. A. B. Kakade and RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Institute	Dr. A. B. Kakade and RAJARAMBAPU INSTITUTE OF TECHNOLOGY	21-01-2020
5	Foot Operated Hand Sanitizer Dispenser	Non-IP/Non-Patented Technology	Amankhan Pathan and RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Start-up	Bubblebyte	04-05-2020
6	Automatic Water Level Controller	Non-IP/Non-Patented Technology	Dr. A.B Kakade and RAJARAMBAPU INSTITUTE OF TECHNOLOGY	Institute	Dr. A.B Kakade and RAJARAMBAPU INSTITUTE OF TECHNOLOGY	07-03-2020

Declaration

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

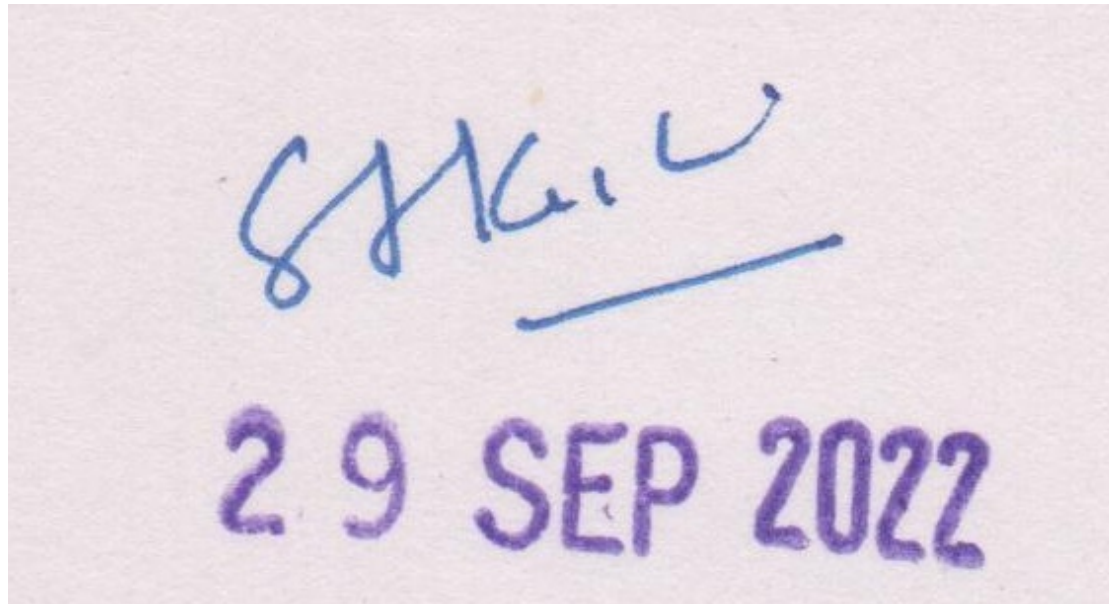
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. Sushma Shekhar Kulkarni** (Head of Institute) and **Dr. Anandrao B. Kakade** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

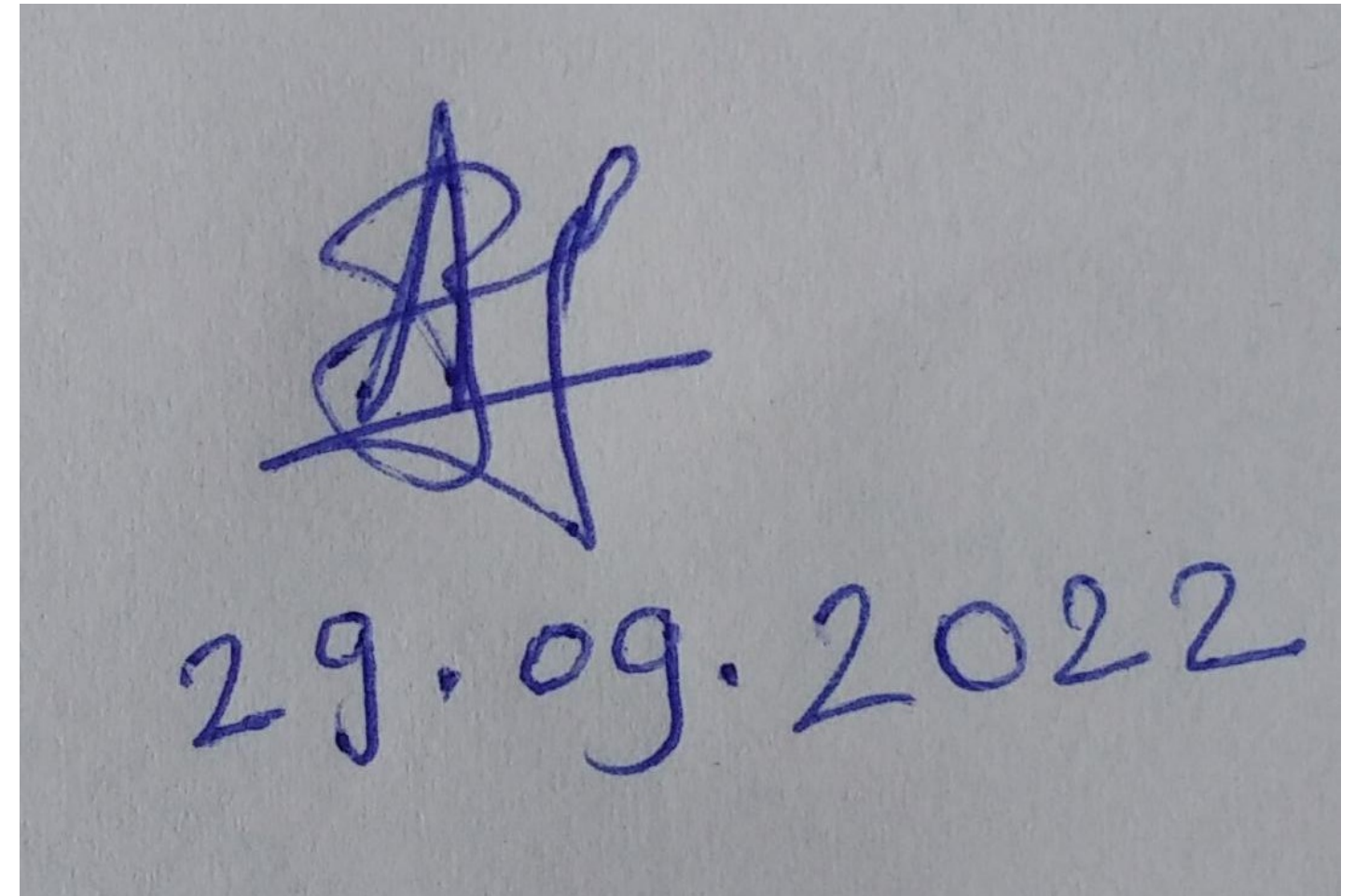
Thank you

The Head of Institute



Dr. Sushma Shekhar Kulkarni,
Head of the Institution,
Kasegaon Education Society's Rajarambapu Institute of Technology,
Islampur, Maharashtra

Nodal officer



Dr. Anandrao B. Kakade,
Nodal Officer,
Kasegaon Education Society's Rajarambapu Institute of Technology,
Islampur, Maharashtra