

**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	No
Institute has Action Plans for Implementation of the I&E Policy	No

**Contact:**

Faculty Name:	Basappa B Kodada
Designation:	Associate Professor
Email ID:	basappabk@ajiet.edu.in
Mobile No.	9986817862



  
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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)	
IIC 3.0 (2020-21)	1
IIC 4.0 (2021-22)	2

**Contact:**

IIC President of the Institute:	Dr. Shantharama Rai C
Designation:	Principal
Email ID:	ajengcollege@gmail.com
Mobile No.	9480065081

### 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. Gnane Swarnadh Satapathi	Advance	3
2	Dr. Suresha D	Basic	0
3	Dr. Rithin Kumar N B	Basic	0
4	Dr. Sadanand Kumar	Basic	0



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#### 1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-56446	Yes
HEI Participated in the Smart India Hackathon (2022)	C-56446	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	Technological Innovation and Management	18ESS1	2020-21	Core Course	Bachelor	Electronics and Communication Engineering	3	08-09-2020 00:00:00	15-01-2021 00:00:00	130	50	Online	47
2	Technological Innovation and Management	18ESS1	2021-22	Core Course	Bachelor	Electronics and Communication Engineering	3	09-10-2021 00:00:00	18-02-2022 00:00:00	133	45	Offline	62
3	Constitution of India and Professional Ethics	18CPC49	2020-21	Core Course	Bachelor	Electronics and Communication Engineering	1	19-04-2021 00:00:00	31-07-2021 00:00:00	104	40	Online	47



  
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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
4	Constitution of India and Professional Ethics	18CPC49	2021-22	Core Course	,Bachelor	Electronics and Communication Engineering	1	04-04-2022 00:00:00	01-05-2022 00:00:00	28	40	Offline	62
5	Constitution of India Professional Ethics and Cyber Law	18CPC39	2020-21	Core Course	Bachelor	Information Science and Engineering	1	19-04-2021 00:00:00	31-07-2021 00:00:00	104	35	Offline	62
6	Constitution of India Professional Ethics and Cyber Law	18CPC39	2021-22	Core Course	,Bachelor	Information Science and Engineering	1	04-04-2022 00:00:00	01-05-2022 00:00:00	28	35	Offline	56
7	Management Entrepreneurship for IT Industry	18CSS1		Core Course	,Bachelor	Information Science and Engineering	3	08-09-2020 00:00:00	15-01-2021 00:00:00	130	50	Offline	57
8	Management Entrepreneurship for IT Industry	18CSS1	2021-22	Core Course	,Bachelor	Information Science and Engineering	3	09-10-2021 00:00:00	18-02-2022 00:00:00	133	50	Offline	62
9	Constitution of India and Professional Ethics	18CPC39	2020-21	Core Course	,Bachelor	Civil Engineering	1	19-04-2021 00:00:00	31-07-2021 00:00:00	104	40	Offline	55



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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/ Pa Undergone the C
10	Constitution of India and Professional Ethics	18CPC39	2021-22	Core Course	,Bachelor	Civil Engineering	1	04-04-2022 00:00:00	01-05-2022 00:00:00	28	40	Offline	30
11	Construction Management and Entrepreneurship	18CV51	2020-21	Core Course	,Bachelor	Civil Engineering	3	08-09-2020 00:00:00	15-01-2021 00:00:00	130	40	Offline	31
12	Construction Management and Entrepreneurship	18CV51	2021-22	Core Course	,Bachelor	Civil Engineering	3	09-10-2021 00:00:00	18-02-2022 00:00:00	133	40	Offline	55
13	Constitution of India Professional Ethics and Cyber Law	18CPC39	2020-21	Core Course	,Bachelor	Mechanical Engineering	1	19-04-2021 00:00:00	31-07-2021 00:00:00	104	40	Offline	55
14	Constitution of India Professional Ethics and Cyber Law	18CPC39	2021-22	Core Course	,Bachelor	Mechanical Engineering	1	04-04-2022 00:00:00	01-05-2022 00:00:00	28	40	Offline	21
15	Management and Economics	18ME51	2020-21	Core Course	,Bachelor	Mechanical Engineering	3	08-09-2020 00:00:00	15-01-2021 00:00:00	130	40	Offline	53
16	Management and Economics	18ME51	2021-22	Core Course	,Bachelor	Mechanical Engineering	3	09-10-2021 00:00:00	18-02-2022 00:00:00	133	40	Offline	55



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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/Passed Undergone the C
17	Operations Management	18ME56	2020-21	Core Course	,Bachelor	Mechanical Engineering	3	08-09-2020 00:00:00	15-01-2021 00:00:00	130	40	Offline	53
18	Operations Management	18ME56	2021-22	Core Course	,Bachelor	Mechanical Engineering	3	09-10-2021 00:00:00	19-02-2022 00:00:00	134	40	Offline	55
19	Project Management	18ME745	2021-22	Elective Course	,Bachelor	Mechanical Engineering	3	09-10-2021 00:00:00	16-02-2022 00:00:00	131	40	Offline	53
20	Operations Research	17ME81	2020-21	Core Course	,Bachelor	Mechanical Engineering	4	08-09-2020 00:00:00	15-01-2021 00:00:00	130	42	Offline	55
21	Internship	17CS84	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	07-07-2020 00:00:00	09-03-2021 00:00:00	246	30	Online	68
22	Management Entrepreneurship for IT industry	18CS51	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	01-09-2020 00:00:00	16-01-2021 00:00:00	138	40	Offline	64
23	Project Work Phase 2	17CSP85	2020-21	Core Course	,Bachelor	Computer Science and Engineering	3	19-04-2021 00:00:00	20-07-2021 00:00:00	93	40	Offline	64
24	Innovation and Design Thinking	21IDT19/29	2021-22	Core Course	,Bachelor	Computer Science and Engineering	1	31-12-2021 00:00:00	30-03-2022 00:00:00	90	35	Offline	100



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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
25	Internship	18CSI85	2021-22	Core Course	,Bachelor	Computer Science and Engineering	3	01-08-2021 00:00:00	22-03-2022 00:00:00	234	30	Online	68
26	Management Entrepreneurship for IT industry	18CS51	2021-22	Core Course	,Bachelor	Computer Science and Engineering	3	09-10-2021 00:00:00	31-01-2022 00:00:00	115	40	Offline	64
27	Project Work Phase 2	18CSP83	2021-22	Core Course	,Bachelor	Computer Science and Engineering	3	05-04-2022 00:00:00	01-05-2022 00:00:00	27	40	Offline	64

## 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 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 Number of Beneficiaries Undergone the Certificate Program
1	Innovation Ambasdor Training	2021-22	Entrepreneurship Development Program (EDP)	State Govt. Agency	MoEs Innovation Cell AICTE	05-08-2021 00:00:00	31-08-2021 00:00:00	27	30	Online	1



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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 Number of Beneficiaries Undergone the Certificate Program
2	An overview of Teaching Techniques in Innovation and Design Thinking	2021-22	Short-term Certificate Program	State Govt. Agency	AICTE VTU	06-12-2021 00:00:00	10-12-2021 00:00:00	5	30	Online	1
3	Workshop on Machine Learning using Python Programming	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Information Science and Engineering	14-06-2021 00:00:00	18-06-2021 00:00:00	5	40	Online	180
4	Skill Development Program on Mobile Application Development	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	14-06-2021 00:00:00	18-06-2021 00:00:00	5	40	Online	120
5	Workshop on Recent Trends in Medical Imaging Communications	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Electronics and Communication Engineering	24-06-2021 00:00:00	28-06-2021 00:00:00	5	40	Online	130
6	Microsoft Power BI Data Analyst Associate	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Information Science and Engineering	24-05-2022 00:00:00	28-05-2022 00:00:00	5	40	Offline	50
7	IT Foundation skills training	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	08-05-2022 00:00:00	12-05-2022 00:00:00	5	40	Offline	66
8	Cloud Computing Skill	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Cloud Computing Skill	18-04-2022 00:00:00	02-05-2022 00:00:00	15	96	Offline	66



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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 Number Beneficiaries Undergone t Certificate P
9	CURRENT PRACTICES IN TRANSPORTATION ENGINEERING	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Civil Engineering	15-06-2021 00:00:00	19-06-2021 00:00:00	5	40	Offline	182
10	Skill Development Program Add on Course for AJIET Civil Engineering Students	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Civil Engineering	30-08-2021 00:00:00	12-09-2021 00:00:00	14	56	Offline	15
11	3Ds MAX training	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Civil Engineering	21-05-2022 00:00:00	24-05-2022 00:00:00	4	30	Offline	27
12	Skill Development Program on Mobile Application Development	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	14-06-2021 00:00:00	18-06-2021 00:00:00	5	40	Online	10
13	Skill Development Program on Mobile Application Development	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	09-05-2022 00:00:00	13-05-2022 00:00:00	5	40	Offline	74
14	Design now Workshop on AUTODESK FUSION 360	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	18-11-2021 00:00:00	24-03-2022 00:00:00	127	30	Offline	50



  
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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 Number Beneficiaries Undergone t Certificate P
15	FIVE DAY FDP ON RECENT DEVELOPMENTS IN RENEWABLE ENERGY TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT	2021-22	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	12-07-2021 00:00:00	16-07-2021 00:00:00	5	30	Online	64
16	Innovative Approaches in Teaching Pedagogy	2020-21	Short-term Certificate Program	Central Govt. Agency	Mechanical Engineering	31-05-2021 00:00:00	05-06-2021 00:00:00	6	48	Online	1
17	Recent trends in the application of artificial intelligence and machine learning in Engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	22-03-2021 00:00:00	26-03-2021 00:00:00	5	35	Online	1
18	Python	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	22-06-2020 00:00:00	04-07-2020 00:00:00	13	72	Online	1
19	SUSTAINABLE ENERGY SOLUTIONS IN SOLAR ENERGY APPLICATIONS	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	23-11-2020 00:00:00	27-11-2020 00:00:00	5	30	Online	1



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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 Number Beneficiaries Undergone t Certificate F
20	Exciting Advances in Manufacturing and Automation	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	28-08-2020 00:00:00	31-08-2020 00:00:00	4	30	Online	1
21	Additive Manufacturing	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	29-08-2020 00:00:00	02-09-2020 00:00:00	5	30	Online	1
22	Advanced Material Technology	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	01-07-2020 00:00:00	05-07-2020 00:00:00	5	30	Online	1
23	Additive Manufacturing	2020-21	Faculty Development Program (FDP)	Central Govt. Agency	Mechanical Engineering	09-11-2020 00:00:00	13-11-2020 00:00:00	5	32	Online	1
24	Advanced Materials Machining and Characterization	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	06-07-2020 00:00:00	10-07-2020 00:00:00	5	50	Online	1
25	Applications of Thermodynamics	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	13-07-2020 00:00:00	17-07-2020 00:00:00	5	30	Online	2
26	Cryogenics composites	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	03-08-2020 00:00:00	07-08-2020 00:00:00	5	30	Online	1
27	Advanced materials and manufacturing	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	28-12-2020 00:00:00	01-01-2021 00:00:00	5	30	Online	1



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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 Number of Beneficiaries Undergone t Certificate P
28	Cryogenics and Superconductivity A Research Perspective	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	21-09-2020 00:00:00	26-09-2020 00:00:00	6	30	Online	1
29	Stepping towards problem and project based learning for academic excellence	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	09-06-2020 00:00:00	13-06-2020 00:00:00	5	30	Online	1
30	Cryogenics and Composites Theory and Application CCTA 2020	2020-21	Short-term Certificate Program	Self Sponsored/Supported	Mechanical Engineering	03-08-2020 00:00:00	07-08-2020 00:00:00	5	40	Online	1
31	Research Methodologies in Mechanical Engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	30-07-2020 00:00:00	04-08-2020 00:00:00	6	50	Online	1
32	Introduction to Python Basics	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	23-07-2020 00:00:00	29-07-2020 00:00:00	7	50	Online	1
33	Introduction to PLC and Automation	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	31-07-2020 00:00:00	03-08-2020 00:00:00	4	30	Online	1



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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 Number of Beneficiaries Undergone t Certificate P
34	Skill Development Program on Mobile Application Development	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering	14-06-2021 00:00:00	18-06-2021 00:00:00	5	40	Online	1
35	Workshop on Machine Learning using Python Programming	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Computer Science and Engineering	01-06-2021 00:00:00	05-06-2021 00:00:00	5	40	Offline	10
36	Bridge Course on C Plus Plus	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	30-05-2022 00:00:00	02-06-2022 00:00:00	4	30	Offline	54
37	Workshop on Advances in Database and SQL	2021-22	Short-term Certificate Program	Self Sponsored/Supported	Computer Science and Engineering	31-01-2022 00:00:00	03-02-2022 00:00:00	4	30	Offline	58

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



  
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**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	Innovation Cell	AJIET Innovation Cell	Prakash K Shetty	9845791721	shettyprakashk@gmail.com	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)
2	EDC	AJIET EDC cell	Dr. Kiran Kumar VG	9845264798	kirankumar@ajiet.edu.in	Mentoring 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	AJIET Startup cell	Rithin Kumar N B	9964737041	rithin4u@rediffmail.com	None

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

Sr. No.	Type of the Unit	Name of Unit	In-charge Name	Contact no	Email	Govt. Schemes
1	Technology Transfer Centre /TTO	AJIET IPR cell	Dr. Sangeetha DM	7795787676	sangeetha@ajiet.edu.in	Mentoring Support,Pre-Incubation Facility Support (Idea to Prototype and Innovative Business Plan Development)

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



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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
No Data Found											

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

5) Total no of Ventures/Startups (Verified and Recommended) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 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/Founder Name	Current Engagement of Team lead/Founder in Institute	DIN Number of Founder/Team Leader	Cor No
No Data Found											

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



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**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	Kakunje Software Solutions Pvt Ltd	Corporate/Industry Association	Two	Active	01-01-2021	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/KakunjeSoftwareSolutionsPvtLtd)</a>
2	Government Tool Room & Training Centre - Mangalore	Corporate/Industry Association	One	Active	02-02-2022	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/GovtToolRoomMangalore)</a>
3	Kakunje Software Pvt. Ltd.	Corporate/Industry Association	Thre	Active	01-01-2020	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/KakunjeSoftwarePvtLtd)</a>
4	Juego Studios Pvt. Ltd.	Corporate/Industry Association	3yrs	Active	01-01-2020	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/JuegoStudiosPvtLtd)</a>
5	Board of IT Education Standards, Bengaluru	Corporate/Industry Association	5yrs	Active	01-01-2020	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/BoardofITEducationStandardsBengaluru)</a>
6	Heramba consultants	Corporate/Industry Association	2Yrs	Active	20-02-2021	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/HerambaConsultants)</a>
7	Marian projects private limited	Corporate/Industry Association	2Yrs	Active	27-01-2021	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/MarianProjectsPrivateLimited)</a>
8	Vishwas adarsh construction India	Corporate/Industry Association	2Yrs	Active	24-01-2021	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/VishwasAdarshConstructionIndia)</a>
9	Russian state hydrometeorological university	Corporate/Industry Association	2Yrs	Active	02-06-2021	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/RussianStateHydrometeorologicalUniversity)</a>



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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
10	KAKUNIE SOFTWARE PVT. LTD	Corporate/Industry Association	1Yrs	Active	28-08-2021	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/4, A</a>
11	UiPath Academic Alliance	Corporate/Industry Association	2Yrs	Active	11-01-2021	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/UIP</a>
12	QUANTUM LEARNINGS Center of Excellence	Corporate/Industry Association	2Yrs	Active	01-02-2021	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/Qui</a>
13	TOWNHUB TECHNOLOGIES LLP	Corporate/Industry Association	3Yrs	Active	01-01-2020	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/Tov</a>
14	ELEATION	Corporate/Industry Association	One	Active	01-07-2021	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/Ele</a>
15	Vinayaka Engineering Works	Corporate/Industry Association	Two	Active	21-01-2021	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/Vin</a>
16	Government Tool Room and Training Centre ?Mangalore	Corporate/Industry Association	One	Active	02-02-2022	<a href="#">View (/Uploads/Institute/ARI-C-56446/2021-22/CollaboratExternalAgency/GT1</a>

## Section 7: Intellectually Property (IP) Generated and Commercialization



  
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### 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	PARINATA VIDYUT SAMYUTANAM – An advanced electric extension box	Copy Right	2021104789	21-08-2021	No
2	BITTI ASTITA NAGARATA NISTANTRI SAMVIDHA – A wall mounted smart wiring system	Copy Right	2021106337	01-08-2021	No
3	Derivation of Expression for the Deflection curve of Simply Supported Thick rectangular Plate Using a Higher Order Simple Plate Theory	Copy Right	24431/2021-CO	15-09-2021	No
4	Derivation for Frequency Characteristic Equation for the Free Vibration of Simply Supported Thick Rectangular Plate Using a Higher Order Simple Plate Theory	Copy Right	24427/2021-CO	03-01-2022	No
5	Expression for Deflection Curve of a Thick Plate Cantilever Rectangular Nanobeam using a Single Variable Simple Non-local Beam Theory	Copy Right	184/2022-CO/L	20-05-2022	No

### 7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	SYSTEM FOR HARDWARE ACCELERATION FOR EMBEDDED FLASH MEMORY BASED ON MACHINE LEARNING	202141020170	03-05-2021
2	INTERNET OF THINGS & ARTIFICIAL INTELLIGENCE BASED ASSISTING AND GUIDING SYSTEM FOR BLIND PERSON TO DETECT OBSTACLES IN PATH	202141049505	12-11-2021
3	INTELLIGENT SYSTEM FOR CONTACTLESS SCREENING OF COVID-19 SIGN MEASUREMENT USING THERMAL IMAGING TECHNIQUES AND ARTIFICIAL INTELLIGENCE	20 2022 100 2	16-01-2022



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Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
4	METHOD OF STORE AND SHARE THE ELECTRONIC HEALTH RECORDS, IOT DATA IN A SECURE AND PRIVACY AWARE MANNER	202241009289	04-03-2022
5	SMART SYSTEM FOR PROVIDING PROTECTION IN CARD BASED FINANCIAL PRIVATE TRANSACTION THROUGH CLOUD COMPUTING & BLOCK CHAIN TECHNOLOGY	202141034846	03-08-2021
6	ABHIGNA VIDYUT SAMPUTAH – A SMART ELECTRIC EXTENSION BOX	202141034598	01-08-2021
7	PARINATA VIDYUT SAMYUTANAM – An advanced electric extension box	2021104789	01-08-2021
8	ABHIGYNA PARIPATHAPHALAKA – A smart switch board	202141037910	20-08-2021
9	BITTI ASTITA NAGARATA NISTANTRI SAMVIDHA – A wall mounted smart wiring system	2021106337	21-08-2021
10	SMART SYSTEM FOR THE MENSTRUAL CUP USING MACHINE LEARNING	202141054514	25-11-2021

### 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	Institute applied the Patent as	View
1	202141049505	INTERNET OF THINGS & ARTIFICIAL INTELLIGENCE BASED ASSISTING AND GUIDING SYSTEM FOR BLIND PERSON TO DETECT OBSTACLES IN PATH	29-10-2021	Published	2021		
2	202141037910	ABHIGYNA PARIPATHAPHALAKA – A smart switch board	20-08-2021	Published	2021		
3	202141034598	ABHIGNA VIDYUT SAMPUTAH – A SMART ELECTRIC EXTENSION BOX	01-08-2021	Published	2021		



  
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#### 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	Comparison of Photstress recovery time in myopes and enmmetropes on the basis of different wavelength of light	Non-IP/Non-Patented Technology	AJ Institute of Engineering and Technology	Other organisation/Agency	AJ Medical and Research Center	18-02-2022
2	Dark Adaptation	Non-IP/Non-Patented Technology	AJ Institute of Engineering and Technology	Other organisation/Agency	AJ Medical and Research Center	15-03-2021



  
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## 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. Shantharama Rai C** (Head of Institute) and **Dr. Suresha D** (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



  
Principal  
A.J. Institute of Engineering & Technology  
Mangaluru - 575 006

The Head of Institute

Nodal officer

 5/9/2022

 5/9/22

Dr. Shantharama Rai C,  
Head of the Institution,  
A J Institute of Engineering and Technology Mangaluru,  
Mangaluru, Karnataka

Dr. Suresha D,  
Nodal Officer,  
A J Institute of Engineering and Technology Mangaluru,  
Mangaluru, Karnataka



  
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