



JSPMs Jayawantrao Sawant College of Engineering, Handewadi Road, Hadapsar, Pune 28. [ARI-C-42216][C-42216]

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 31st October 2022)	Status
Registered in the NISP portal for I&E Policy Adoption	Yes
Institute has Formulated an Innovation and Entrepreneurship (I&E) Policy	No
Institute has Action Plans for Implementation of the I&E Policy	No

Contact:

Faculty Name:	Dr. Dattatray S. Waghole
Designation:	Professor
Email ID:	iotclub2018@gmail.com
Mobile No.	7387993390

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)	0 (On Progress)

Contact:

IIC President of the Institute:	DR. PRIYA NITIN GOKHALE
Designation:	Professor
Email ID:	priyagokhale@jspmjscoe.edu.in
Mobile No.	9049458468

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.Sanjay Mohite	Advance	0
2	Dr. Pradeep Anandrao Patil	Basic	0

1.4) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	C-42216	Yes
HEI Participated in the Smart India Hackathon (2022)	C-42216	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	Cour Start
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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	Cour Start
1	Finite Element Analysis	402044 A	2020-21	Elective Course	Bachelor	Mechanical Engineering Department	4	01-07 00:00
2	Heating Ventilation Air Conditioning and Refrigeration Engineering	402044 C	2020-21	Elective Course	Bachelor	Mechanical Engineering Department	4	01-07 00:00
3	Operation Research	402045 B	2020-21	Elective Course	Bachelor	Mechanical Engineering Department	3	01-07 00:00
4	Internet of Things	404184-D	2020-21	Elective Course	Bachelor	Electronics and Telecommunication	3	13-07 00:00
5	Electronics Product Design	404205-A	2020-21	Elective Course	Bachelor	Electronics and Telecommunication	3	13-07 00:00
6	Business Analytics and Intelligence	414456E	2020-21	Elective Course	Bachelor	Information Technology	3	01-07 00:00
7	Software Testing and Quality Assurance	414457C	2020-21	Elective Course	Bachelor	Information Technology	3	01-07 00:00
8	Information Storage and Retrieval	414464B	2020-21	Elective Course	Bachelor	Information Technology	4	01-01 00:00
9	Rural Technologies and Community Development	414465A	2020-21	Elective Course	Bachelor	Information Technology	3	01-01 00:00
10	PLC s and Automation	404191-B	2020-21	Elective Course	Bachelor	Electronics and Telecommunication	3	01-02 00:00
11	Wireless Sensor Networks	404194-C	2020-21	Elective Course	,Bachelor	Electronics and Telecommunication	3	01-02 00:00

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Cour Start
12	Embedded Systems and RTOS	404184-C	2021-22	Elective Course	Bachelor	Electronics and Telecommunication	3	28-06 00:00
13	Electronics Product Design	404185-B	2021-22	Elective Course	Bachelor	Electronics and Telecommunication	3	28-06 00:00
14	PLC s and Automation	404192	2021-22	Elective Course	Bachelor	Electronics and Telecommunication	3	01-02 00:00
15	Wireless Sensor Networks	404194-C	2021-22	Elective Course	Bachelor	Electronics and Telecommunication	3	01-02 00:00
16	Entrepreneurship Development	GE - UL - 03	2021-22	Elective Course	Master	MBA	2	01-11 00:00
17	Startup and New Venture Management	GE-UL-09	2021-22	Elective Course	Master	MBA	2	01-11 00:00
18	Research Methodology	OC11	2021-22	Elective Course	Master	MCA	1	01-10 00:00
19	Big Data Analytics	OC21	2021-22	Elective Course	Master	MCA	1	01-05 00:00
20	Green Computing	OC22	2021-22	Elective Course	Master	MCA	1	01-05 00:00
21	Network Security	OC31	2021-22	Elective Course	Master	MCA	1	01-10 00:00
22	Entrepreneurship Development	GE-UL-03	2020-21	Elective Course	Master	MBA	2	04-01 00:00
23	Startup and New Venture Management	GE-UL-09	2020-21	Elective Course	,Master	MBA	2	04-01 00:00
24	Research Methodology	OC11	2020-21	Elective Course	Master	MCA	1	15-10 00:00

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Cour Start
25	Big Data Analytics	OC21	2020-21	Elective Course	Master	MCA	1	08-02 00:00
26	Green Computing	OC22	2020-21	Elective Course	Master	MCA	1	08-02 00:00
27	Power Quality	403143 (B)	2020-21	Elective Course	Bachelor	Electrical Engineering Department	4	01-07 00:00
28	Restructuring and Deregulation	403144 (A)	2020-21	Elective Course	Bachelor	Electrical Engineering Department	3	01-07 00:00
29	HVDC and FACTS	403149 (B)	2020-21	Elective Course	Bachelor	Electrical Engineering Department	4	01-01 00:00
30	Smart Grid	403150 (A)	2020-21	Elective Course	Bachelor	Electrical Engineering Department	3	01-01 00:00
31	Power Quality	403143 (B)	2021-22	Elective Course	Bachelor	Electrical Engineering Department	4	28-06 00:00
32	Restructuring and Deregulation	403144 (A)	2021-22	Elective Course	Bachelor	Electrical Engineering Department	3	28-06 00:00
33	HVDC and FACTS	403149 (B)	2021-22	Elective Course	Bachelor	Electrical Engineering Department	4	01-02 00:00
34	Smart Grid	403150 (A)	2021-22	Elective Course	Bachelor	Electrical Engineering Department	3	01-02 00:00
35	Business Analytics and Intelligence	414456E	2021-22	Elective Course	Bachelor	Information Technology	3	01-07 00:00

Srno	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Cour Start
36	Software Testing and Quality Assurance	414457C	2021-22	Elective Course	Bachelor	Information Technology	3	01-07 00:00
37	Information Storage and Retrieval	414464B	2021-22	Elective Course	Bachelor	Information Technology	4	01-02 00:00
38	Rural Technologies and Community Development	414465A	2021-22	Elective Course	Bachelor	Information Technology	3	01-02 00:00

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	Post COVID-19 Opportunities in Engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Electronics and Telecommunication	28-05-2020 00:00:00
2	Outcome Based Teaching Learning in Engineering	2020-21	Faculty Development Program (FDP)	Self Sponsored/Supported	Mechanical Engineering Department	06-04-2020 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	Start-Up Cell	Mechanical Pre Incubation Centre	Dr. Nilesh Alone	9881933885	nileshalone@jspmjscoe.edu.in	Mentoring Support, 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	JSCOE Incubation Centre	Dr. Dattatraya S Waghole	7387993390	dattatraywaghole@jspmjscoe.edu.in	Own Resource

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	JSCOE IPR Cell	DR. PRIYA NITIN GOKHALE	9049458468	priyagokhale@jspmjscoe.edu.in	Mentoring Support, Seed Grant Support

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

4) Total no. of Innovations (Verified and Recommended) in Different TRLs (4-9) are Recorded in the YUKTI National Innovation Repository of the IIC Institute (Status as on 31st October 2022)

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Team Lead in Institut
1	Fire Detection with Image Processing using Live camera	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Swayam Shah	Faculty
2	IoT based smart Battery Management System using Analytics	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
3	Design and Development of Broach Cleaning Mechanism	Academic Requirement/Study Project	2021-22	TRL 6 : Prototype system tested in intended environment close to expected performance	Mahesh Chandrabhan Shinde	Faculty
4	Fault detection in power lines using PLC	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rohit Kore	Student
5	Development of the Travelling Wave Thermoacoustic Engine	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Dr. Nilesh Alone	Faculty
6	Dry handwashing machine by Fog disinfection	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
7	"IOT BASED TRANSFORMER MONITORING SYSTEM"	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
8	"IOT BASED TRANSFORMER MONITORING SYSTEM"	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
9	"IOT BASED TRANSFORMER MONITORING SYSTEM"	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
10	"IOT BASED TRANSFORMER MONITORING SYSTEM"	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
11	IOT BASED SMART MOVING TROLLY	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
12	VEHICLE BLACK BOX BASED ON CAN & IOT PROTOCOL	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
13	IOT Based Smart Waste Management System By Using Arduino	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
14	IOT BASED MONITORING OF DISTRUBUTION TRANSFORMER	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
15	SMART ELECTRIC DISTRIBUTION SYSTEM WITH IOT DASHBOARD	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
16	HOME AUTOMATION USING ARDUINO APPLICATION'	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
17	Investigation of Heat Transfer Rate of water by addition of Al2O3 Nanofluid	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Mahesh Chandrabhan Shinde	Faculty
18	ATM Security System using Face Recognition	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Swayam Shah	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
19	Campus Tracker	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Swayam Shah	Faculty
20	"IOT BASED FAULT DETECTION OF UNDERGROUND CABLES"	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
21	IOT Based Soil Testing	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
22	"INTERNET OF THINGS (IOT) BASED BASED FOUR-WHEELER SECURITY AND SAFETY SYSTEM"	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
23	"IOT BASED CROP PROTECTION AGAINST ANIMALS AND BIRDS"	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
24	Railway Track Inspection Vehicle using Arduino	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
25	"AUTOMATIC BOTTLE FILLING PLANT USING ARDUINO"	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
26	"AUTOMATIC BOTTLE FILLING PLANT USING ARDUINO"	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
27	IOT AND SOLAR BASED UNIFORM FOR SOLDIERS WITH REAL TIME TRACKING	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
28	Biometric Electronic Voting System	Academic Requirement/Study Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Nachiket Tayade	Faculty
29	Development of the Travelling Wave Thermoacoustic Engine	Academic Research Assignment/Industry Sponsored Project	2021-22	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Mahesh Chandrabhan Shinde	Faculty
30	Post Covid-19 mask detection and health monitoring system in public transport area.	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
31	Depression Analysis By Using ECG Signal	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
32	Post Covid-19 mask detection and health monitoring system in public transport area.	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
33	IoT based Healthcare Monitoring System	Academic Requirement/Study Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Ayachit Sumedha Umakant	Faculty
34	IOT based Energy Efficient bus tracking & fuel monitoring system for public transport	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
35	INTELLIGENT VEHICLE COLLISION AVOIDANCE SYSTEM IN HILLY REGION	Academic Research Assignment/Industry Sponsored Project	2020-21	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
36	Alexa Based Bike Navigation System.	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
37	Alexa Based Bike Navigation System.	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
38	IoT based supervisory system for vehicle	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
39	IoT based supervisory system for vehicle	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
40	Intelligent vehicle collision avoidance system working in hilly area	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
41	Development Of Surface Drone For Road Texture Measurement	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
42	Smart Charging Assistance System for Electric Vehicle.	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
43	Smart Charging Assistance System for Electric Vehicle.	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
44	Accident prevention System using V2V communication for Mountain Roads	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
45	Intelligent data logger system for Electric vehicle	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
46	Alexa Based Bike Navigation System	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty

Sr. No.	Innovation Name	Developed as part of	FY of Development (FY. 2020-21,2021-22)	TRL Stage	Team Lead/Innovator Name	Current Engage of Tear Lead in Institut
47	IoT based efficient power control and battery thermal management system for Electric Vehicles (EVs).	Academic Research Assignment/Industry Sponsored Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Rajesh Kedarnath Navandar	Faculty
48	See Through Ears	Academic Requirement/Study Project	2019-20	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype)	Ayachit Sumedha Umakant	Faculty
49	Design and development of Electric vehicle	Independent Assignment/Non-academic Study Project	2019-20	TRL 6 : Prototype system tested in intended environment close to expected performance	Mahesh Chandrabhan Shinde	Faculty

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 31st October 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
1	CEREBROSPARK INNOVATIONS LLP	Limited Liability Partnership Firm (LLP)	AAS9278	null	2019-20	1	315000

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	Imperial Institute of Excellence Pune	Educational Institute	3	Active	14-07-2022	
2	EKEEDA Private Limited	Corporate/Industry Association	2	Active	13-06-2022	
3	Ratna Gears Private Limited Pune	Corporate/Industry Association	5	Active	15-03-2021	
4	Visionary Learning Community of India	Knowledge/Mentoring Agency	4	Active	01-09-2020	

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
5	Jijai Technologies PVT. LTD	Corporate/Industry Association	4	Active	02-06-2022	View (/Upload
6	svanetr innovations Pvt Ltd	Corporate/Industry Association	3	Active	16-11-2021	View (/Upload
7	Vitronics Control	Corporate/Industry Association	3	Active	11-11-2021	View (/Upload
8	JIJAI Technology	Corporate/Industry Association	3	Active	15-10-2021	View (/Upload
9	Technovision Solution	Corporate/Industry Association	3	Active	15-10-2021	View (/Upload
10	Netlux System Pvt. Ltd, Pune	Corporate/Industry Association	3	Active	13-02-2020	
11	Netlux System Pvt. Ltd, Pune	Corporate/Industry Association	3	Active	13-02-2020	
12	Netlux System Pvt. Ltd. Pune	Corporate/Industry Association	3	Active	13-02-2022	
13	M.S.C.D.C.L Small Training Center , Pune Zone	Govt. Agency (State)	1	Inactive	19-08-2020	View (/Upload
14	MIT ADT Atal Incubation Centre	Educational Institute	5	Active	11-12-2020	View (/Upload

Section 7: Intellectually Property (IP) Generated and Commercialization

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

Sr. No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	SWEDAN PETI EXPERT SYSTEM.	Design	202221035123	20-06-2022	No
2	Solar Energy Sunshade Curtain for Car	Design	205063	20-08-2022	No
3	Nanosatellite	Design	307131	25-10-2021	No

7.2) Patents Filed by HEI

Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
No Data Found			

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	202141021100	DESIGN AND FABRICATION OF MICROSTRIP PATCH ANTENNA FOR WIRELESS 5G APPLICATIONS	05-10-2021	Published	2021		

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
2	201921018174	PRODUCT DESIGNED TO SUPPLY HEAT, HEAT AND POWER AND ONLY POWER BASED ON REQUIREMENT OF APPLICATION BY USING RECTANGULAR SWISS ROLL COMBUSTOR	05-07-2019	Published	2019		

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
No Data Found						

Declaration

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

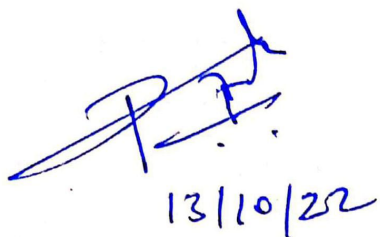
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself **Dr. Rajendra D Kanphade** (Head of Institute) and **Dr. D B Salunke** (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

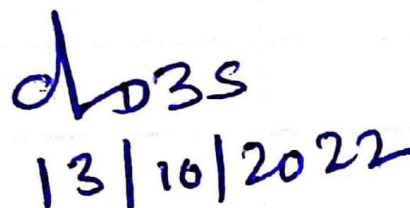
Thank you

The Head of Institute



Dr. Rajendra D Kanphade,
Head of the Institution,
JSPMs Jayawantrao Sawant College of Engineering,
Handewadi Road, Hadapsar, Pune 28.,
Pune, Maharashtra

Nodal officer



Dr. D B Salunke,
Nodal Officer,
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