

Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

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

List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Computer Engineering	Academic Department with lab facility	Computer Engineering	UG / PG / PhD	Technical	554	32	10
2	Mechanical Engineering	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	679	48	14
3	Electrical Engineering	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	267	16	6
4	Information Technology	Academic Department with lab facility	Engineering	UG / PG / PhD	Technical	255	16	6
5	Electronics and Telecommunication Engineering	Academic Department with lab facility	Multidisciplinary	UG / PG / PhD	Technical	325	32	9
6	Master of Business Administration	Academic Department with lab facility	Multisector	UG / PG / PhD	Non-Technical	115	8	5
7	Master of Computer Application	Academic Department with lab facility	Computer Application	UG / PG / PhD	Technical	144	12	3

Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC202014313
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Introduction to IPR	IPR	Awareness	Institute Lead Activity	Electronics and Telecommunication Engineering Department	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	50	10	0	0	60	No	No
2	IPR	IPR	Seminar	Institute Lead Activity	Department of computer engineering	10-08-2019 00:00:00	11-08-2019 00:00:00	2	Within Campus	78	10	0	0	88	No	No
3	Intellectual Property –Facts and Reality	IPR	Seminar	Institute Lead Activity	Department of Information Technology	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	106	2	0	0	108	<div> Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000 </div>	No
4	Entrepreneur Skills	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of computer engineering	10-08-2019 00:00:00	11-08-2019 00:00:00	2	Within Campus	78	10	0	0	88	No	No
5	Expert Lecture on IPR Awareness	IPR	Awareness	Institute Lead Activity	Electrical Engineering	21-10-2019 00:00:00	21-10-2019 00:00:00	1	Within Campus	56	3	0	0	59	No	No
6	Session on opportunities in I.T. Industry for employment and Entrepreneurship with special reference to Electrical Engineering	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Electrical Engineering	06-02-2020 00:00:00	06-02-2020 00:00:00	1	Within Campus	60	3	0	0	63	No	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	Name of Program (Full)	Program Theme	Program Type	Organizing Agency / Institute	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of	Awards/Recognition/Achievements	Award / Position / Recognition	Title of Innovation / Start-up	Had institute spent expenses either from own resource/received fund towards sending	Did any of the participants received any awards/recognition for startup / innovation ideas /
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	Name)			Name)		Participa nts	ements	on Secured	up Secured the Award / Recogniti on	delegation to participate / represent the activity /event?	research
1	India Innovatio n challenge IICDC20 19	Innovatio n	B-Plan Competiti ons	TEXAS INSTRU MENTS	Internatio nal Agencies	15-09-20 19 00:00:00	15-09-20 19 00:00:00	1	2	0	2	No	---	---	No	No

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Innovations in engineering field	Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering Department	13-06-2019	30-09-2019	110	Offline	40	36
2	Intellectual Property Right	IPR	Elective/Core Credit Course	Bachelor	Mechanical Engineering Department	13-12-2019	31-03-2020	110	Offline	40	36
3	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Master of Business Administration	01-08-2019	15-11-2019	107	Offline	60	30
4	Startup and New Venture Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Master of Business Administration	02-01-2020	20-04-2020	110	Offline	60	30

No Data Filed!

[illegible]

2	Dr Aarti Dandvate		Computer Engineering Department		HEAD and Associate Professor		No		Yes	
	Training Name		Training Theme		Type of Course		Training Agency Name		Training Agency Type	
	Why you can not afford to ignore publication ethics		IPR		Short term Certificate		Researcher Academy Elsevier		International Agencies	
	Demystifying permissions		IPR		Short term Certificate		Researcher Academy Elsevier		International Agencies	
3	Dr Sanjay B Mohite		Electronics and Telecommunication Engineering		Associate Professor		No		Yes	
	Training Name		Training Theme		Type of Course		Training Agency Name		Training Agency Type	

Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

No Data Filled!

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Smo	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
1	Mechanical Pre-Incubation Centre	Design Centre	2017	Co-working Space	Student Clubs	Student Clubs	Facility Incharge Name	Fayaz Kharadi	1	No	No	Yes
							Facility Incharge Email	fayazkharadi@gmail.com				
							Facility Incharge Phone	9850326909				
	Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource						JSPM			Educational Institute		680832	

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

2	Mechanical Innovation Centre	Design Centre	2015	Co-working Space	Innovation Labs	Innovation Labs	<table><tr><td>Facility Incharge Name</td><td>Mahesh Gaikwad</td></tr><tr><td>Facility Incharge Email</td><td>maheshgaikwad5981@gmail.com</td></tr><tr><td>Facility Incharge Phone</td><td>9822280955</td></tr></table>	Facility Incharge Name	Mahesh Gaikwad	Facility Incharge Email	maheshgaikwad5981@gmail.com	Facility Incharge Phone	9822280955	1	No	No	Yes
	Facility Incharge Name	Mahesh Gaikwad															
	Facility Incharge Email	maheshgaikwad5981@gmail.com															
	Facility Incharge Phone	9822280955															
						</											

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

No Data Filed!

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?
1	JSCOE Incubation Centre	2019	Innovation Labs,IPR Cell/Technology Transfer Centre,Student Clubs		<div>Facility Incharge Name</div> <div>Dr. Dattatraya S Waghole</div> <div>Facility Incharge Email</div> <div>dattatrayawaghole@jspmjscoe.edu.in</div> <div>Facility Incharge Phone</div> <div>73879 93390</div>	7	Yes	No	Yes
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
Institute's Own Fund / Resource				JSPM			Educational Institute		210738

Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20?					
1	JSCOE IPR Cell	2019	Pre-Incubation, Incubation Unit		<table><tr><td>Facility Incharge Name</td><td>Dr. Sanjay B Mohite</td></tr><tr><td>Facility Incharge Email</td><td>sanjay mohite @jspm jscoe.edu.in</td></tr><tr><td>Facility Incharge Phone</td><td>97635 94137</td></tr></table>	Facility Incharge Name	Dr. Sanjay B Mohite	Facility Incharge Email	sanjay mohite @jspm jscoe.edu.in	Facility Incharge Phone	97635 94137	7	No	No	No
Facility Incharge Name	Dr. Sanjay B Mohite														
Facility Incharge Email	sanjay mohite @jspm jscoe.edu.in														
Facility Incharge Phone	97635 94137														

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr Sanjay B Mohite	Associate Professor	IPR Protection & Commercialization	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	High Frequency Converter for linear Compressor		Within	

Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

No Data Filled!

Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

No Data Filled!

Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income /revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20																								
1	Cerebro Innovations LLP	Product Innovation	Technological	503	Student-Faculty	<div><div>Venture with Corporate Identification Number (CIN) Registration</div><div>AAS-9278</div></div>	2019-20	Received Incubation Support from Incubation Unit	<div><div>Agency Name</div><div>United Nations India</div></div> <div><div>Agency Type</div><div>Govt. Agency (Central)</div></div> <div><div>Award / Position / Recognition Secured</div><div>Recognition Secured(Selected in Top 2)</div></div>	No	No	No	No																								
<table><tr><th colspan="2">Name</th><th colspan="2">DIN number</th><th colspan="2">Type</th><th colspan="2">Gender</th><th colspan="2">Email</th><th colspan="2">Contact</th></tr><tr><td colspan="2">Ganesh Thorat</td><td colspan="2">08797200</td><td colspan="2">Student</td><td colspan="2">Male</td><td colspan="2">ganeshthorat250@gmail.com</td><td colspan="2">07387515448</td></tr></table>														Name		DIN number		Type		Gender		Email		Contact		Ganesh Thorat		08797200		Student		Male		ganeshthorat250@gmail.com		07387515448	
Name		DIN number		Type		Gender		Email		Contact																											
Ganesh Thorat		08797200		Student		Male		ganeshthorat250@gmail.com		07387515448																											
<table><tr><td colspan="2">Mihir Kedar</td><td colspan="2">08797201</td><td colspan="2">Student</td><td colspan="2">Male</td><td colspan="2">mihirkedarmk1@gmail.com</td><td colspan="2">8600104934</td></tr></table>														Mihir Kedar		08797201		Student		Male		mihirkedarmk1@gmail.com		8600104934													
Mihir Kedar		08797201		Student		Male		mihirkedarmk1@gmail.com		8600104934																											

Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	Uttejna Technologies	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	01-01-2019

2	Hog Engineering Pvt Ltd	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	01-01-2019
3	Reliance Jio Infocomm Limited	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	07-03-2019
4	KRAFT POWERCON India Ltd.	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	21-01-2020
5	Ravin Cables Ltd.	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	23-02-2019
6	Jetking Learning Centre Hadapsar	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	20-01-2020
7	Jijai Technologies Pvt.Ltd., Pune	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	2	06-01-2020
8	Netlux Academy, Pune	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	13-02-2020
9	Chetana Capacitors	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	04-10-2019
10	Knowledge Solution India Pvt. Ltd	Educational Institute	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	36	31-07-2019

Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

No Data Filled!

Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Process for Prioritized Reliability using reinforcement Q-learning Method in wireless sensor network	201921054624A	National	2020 - 01	Uploaded
2	System and Method for Identification of number of clusters needed for brain tumor detection	201921013522	National	2019 - 04	Uploaded
3	Safety System For Drainage Gas Monitoring	202021007685	National	2020 - 02	Uploaded
4	Smart Crop Disease Detection and Treatment System	202021007681	National	2020 - 02	Uploaded

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

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 Mr. D B Salunkhe (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

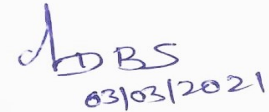
Thank you

The Head of Institute



Dr. Rajendra D Kanphade
Head of the Institution,
Pune, Maharashtra

Nodal officer



Mr. D B Salunkhe
Nodal Officer,
Pune, Maharashtra