



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: SHARAD INSTITUTE OF TECHNOLOGY COLLEGE OF ENGINEERING [ARI-C-11110]

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

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)
Sharad Startup Centre	Incubation Unit	Entrepreneurship	At all level	Technical	200	12	3
Tata Technology Ready Engineer Program	Centre of Excellence with Advance Tools & Equipment	Mechanical Design and Production	UG / PG / PhD	Technical	80	8	0
Design and Innovation Centre Powered by Autodesk	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	UG / PG / PhD	Technical	250	10	2
Sir Visvesvaraya Design and Development Centre	Centre of Excellence with Advance Tools & Equipment	Design and Analysis	UG / PG / PhD	Technical	150	3	0
PCB Design and Wireless Sensor Network	Centre of Excellence with Advance Tools & Equipment	PCB Design and Manufacturing	UG / PG / PhD	Technical	30	4	1
VLSI and Embedded Systems Design	Centre of Excellence with Advance Tools & Equipment	Training	UG / PG / PhD	Technical	32	6	1

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 : IC202015490
Trained Innovation Ambassadors at HEI	No	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	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

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 /	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?
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Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

					Student Body Name											
1	Industry Linkages and Problem Solving Skills	Entrepreneurship/Start-up	Skill development	Institute Lead Activity	Sharad Startup Centre	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	200	5	50	2	257	No	No
2	Entrepreneurship Opportunities Post Covid19 Pandemic	Entrepreneurship/Start-up	Motivational speak	Institute Lead Activity	Sharad Startup Centre	25-03-2020 00:00:00	25-03-2020 00:00:00	1	Within Campus	93	5	0	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2000	No
3	INDUSTRIAL TRAINING ON PYTHON PROGRAMMING	Innovation	Training	Student Lead Activity	STARTUP STUDENT CLUB	27-05-2019 00:00:00	14-06-2019 00:00:00	19	Within Campus	4	2	18	0	24	No	No

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 Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
1	Entrepreneurship Development	Entrepreneurship/Start-up	Training	Entrepreneurship Development Institute of India, Ahmedabad	Govt. Agency (State)	16-09-2019 00:00:00	27-09-2019 00:00:00	12	0	2	2	No	---	---	No	No
2	KPIT Sparkle 2020	Innovation	Innovation Contest	KPIT SPARKLE	Corporate / Industry Association	29-02-2020 00:00:00	01-03-2020 00:00:00	2	5	1	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 20000	No

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

3	Visualizing IOT Solution for smart Automation Mitsubishi Electric Cup 2020	Innovation	Innovation Contest	Mitsubishi Electric	Corporate / Industry Association	13-02-2020 00:00:00	15-02-2020 00:00:00	3	4	1	5	Yes	4th Appreciation Prize	Process control and tool life monitoring using machine learning and IOT	Total Total Expense Amount Incurred by Institute? (In Rupees)	147000	Award / Position / Recognition Secured	4th Appreciation Prize	
																	Title of Innovation / Start-up Secured the Award / Recognition	Process control and tool life monitoring using machine learning and IOT	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
4	AICTE VISHWA KARMA AWARD	Innovation	Exhibition	AICTE	Govt. Agency (Central)	20-12-2019 00:00:00	20-12-2019 00:00:00	1	4	1	5	No	---	---	No		No		
5	SMART INDIA HACKATHON	Innovation	Hackathon	AICTE	Govt. Agency (Central)	01-08-2019 00:00:00	03-08-2019 00:00:00	3	8	2	10	Yes	FIRST	ULTRA COMPACT PERSONALISED FLYING VEHICLE	No		Award / Position / Recognition Secured	FIRST	
																	Title of Innovation / Start-up Secured the Award / Recognition	ULTRA COMPACT PERSONALISED FLYING VEHICLE	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
6	36 HRS LIVE HACKATHON	Innovation	Hackathon	GOVERNMENT COLLEGE OF ENGINEERING KRAD	Educational Institute	29-02-2020 00:00:00	29-02-2020 00:00:00	1	8	2	10	Yes	SECOND	SOLAR DRYER	No		Award / Position / Recognition Secured	SECOND	
																	Title of Innovation / Start-up Secured the Award / Recognition	SOLAR DRYER	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

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

7	DIPEX	Innovation	Exhibition	ABVP AND SRIJAN	Govt. Agency (State)	06-03-2020 00:00:00	09-03-2020 00:00:00	4	78	13	91	Yes	WINNER AND GENERAL CHAMPIONSHIP	ENGINEERING PROJECTS	No	Award / Position / Recognition Secured	WINNER AND GENERAL CHAMPIONSHIP
																Title of Innovation / Start-up Secured the Award / Recognition	ENGINEERING PROJECTS
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

No Data Filled!

List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

No Data Filled!

List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20			
1	SUMIT GOUTAMCHAND BARDIYA	STARTUP	ASSISTANT PROFESSOR	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
2	SUYOG SUBHASH PATIL	STARTUP	ASSISTANT PROFESSOR	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)

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

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone

1	Startup Student Club	Startup Club	2019	Co-working Space,3D Printing	Pre-Incubation Unit,Innovation Labs, Centre of Excellence with Advance Tools	1	JAYVARDHAN BHOSALE	jay96bhosale@gmail.com	9075285099
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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)

Srno	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 on 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	SHARAD STARTUP CENTRE	Startup Cell	2018	Co-working Space,Work Stations	Incubation Unit,Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs	Incubation Unit,Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>SUMIT GOUT AMCH AND BARDIYA</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sumit2238@sitcoe.org.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9975727222</td> </tr> </table>	Facility Incharge Name	SUMIT GOUT AMCH AND BARDIYA	Facility Incharge Email	sumit2238@sitcoe.org.in	Facility Incharge Phone	9975727222	10	Yes	No	No
Facility Incharge Name	SUMIT GOUT AMCH AND BARDIYA																
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Facility Incharge Phone	9975727222																

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

No Data Filled!

List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

No Data Filled!

List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

List the IPR Cell/Technology Transfer Centre Facilities at the HEI

No Data Filled!

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

No Data Filled!

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	OPEX ACCELERATOR	Idea/Innovation Development, Entrepreneurship/Startup Development	Unstructured Mentorship

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

2	MR SUHAS DESHPANDE	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
3	MR SURESH UMAP	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
4	MR VARUN MHAPSEKAR	IPR Protection & Commercialization	Unstructured Mentorship

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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation /Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation /Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit 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 Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations 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 Idea/Prototype /Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019																									
1	SEMICYBORG	Product Innovation	Technological		Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	<table border="1"> <tr> <td>Agency Name</td> <td>IIT KANPUR NIDHI IER</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (Central)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>RECEIVED INCUBATION, 9TH POSITION IN INDIA</td> </tr> </table>	Agency Name	IIT KANPUR NIDHI IER	Agency Type	Govt. Agency (Central)	Award / Position / Recognition Secured	RECEIVED INCUBATION, 9TH POSITION IN INDIA	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>50000</td> </tr> </table>	Grant Amount in Rs	50000	No	No																	
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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/V C 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	AUTOMATION HI-TECH	Product Innovation	Technological	5843	External to the Institute/Incubatee	<table border="1"> <tr> <td>Venture with MSME Registration No</td> <td>MH15A0057514</td> </tr> <tr> <td>Venture with GST No</td> <td>MH15A0057514</td> </tr> </table>	Venture with MSME Registration No	MH15A0057514	Venture with GST No	MH15A0057514	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No								
Venture with MSME Registration No	MH15A0057514																								
Venture with GST No	MH15A0057514																								
<table border="1"> <thead> <tr> <th>Name</th> <th>DIN number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>MR ARVIND PRAJAPATI</td> <td>MH15A0057514</td> <td>Student</td> <td>Male</td> <td>smpapp98@gmail.com</td> <td>7709682830</td> </tr> </tbody> </table>														Name	DIN number	Type	Gender	Email	Contact	MR ARVIND PRAJAPATI	MH15A0057514	Student	Male	smpapp98@gmail.com	7709682830
Name	DIN number	Type	Gender	Email	Contact																				
MR ARVIND PRAJAPATI	MH15A0057514	Student	Male	smpapp98@gmail.com	7709682830																				

List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

No Data Filled!

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

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?		
1	SMART SCHEDULING METHOD FOR LOW ENERGY CONSUMPTION IN WIRELESS SENSOR	IPRFiledPublished	201941054665	National	2020 - 01	Uploaded	Granted	No		
<table border="1"> <thead> <tr> <th>Department/Centre Name</th> </tr> </thead> <tbody> <tr> <td>COMPUTER SCIENCE AND ENGI</td> </tr> </tbody> </table>									Department/Centre Name	COMPUTER SCIENCE AND ENGI
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List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

No Data Filled!

List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

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

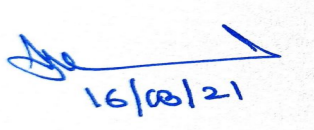
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. SANJAY ANNASO KHOT (Head of Institute) and Mr. SUMIT GOUTAMCHAND BARDIYA (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

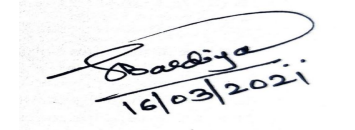
Thank you

The Head of Institute



Dr. SANJAY ANNASO KHOT
Head of the Institution,
Yadav(Ichalkarnji), Maharashtra

Nodal officer



Mr. SUMIT GOUTAMCHAND BARDIYA
Nodal Officer,
Yadav(Ichalkarnji), Maharashtra