



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

Institute Name: Rajagiri School of Engineering and Technology [ARI-C-11554]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Computer Science and Engineering	Academic Department with lab facility	computer science	UG / PG / PhD	Technical	811	33	9
2	Center for Excellence in Topology and Applications (CETA)	Centre of Excellence with Advance Tools & Equipment	Topology and Applications	UG / PG / PhD	Technical	25	12	0
3	Applied Electronics and Instrumentation	Academic Department with lab facility	Applied Electronics	UG / PG / PhD	Technical	218	13	4
4	Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	253	15	7
5	Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	246	16	6
6	Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Technical	721	36	7
7	Information Technology	Academic Department with lab facility	Information Technology	UG / PG / PhD	Technical	251	16	5
8	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	500	27	13
9	Basic Sciences and Humanities	Academic Department with lab facility	Basic Sciences and Humanities	UG / PG / PhD	Both	805	34	2
10	Centre for Social Innovation and Incubation (CSII)	Incubation Unit	Entrepreneurship	UG / PG / PhD	Technical	77	1	1
11	Sunya Labs	Centre of Excellence with Advance Tools & Equipment	High Performance computing, Cloud computing and Fab Lab	UG / PG / PhD	Technical	39	1	1
12	RSET Innovation and Entrepreneurship Development Center (IEDC)	Pre-incubation unit	Innovation and Entrepreneurship Development	UG / PG / PhD	Technical	450	8	3

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

13	Industry - Institute Interaction Cell	Industry Institute Interface Unit	Industry - Institute Interaction	UG / PG / PhD	Technical	917	8	0
14	IPCC (Intellectual Property Consulting Centre)	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Intellectual Property Facilitation	At all level	Technical	7	1	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 : IC202014456
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	No	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	Organizin g Departm ent / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(i n Days)	Program Location	Internal Participa nts (Student)	Internal Participa nts (Faculty)	External Participa nts (Student)	External Participa nts (Faculty)	Total Number of Participa nts	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	Orientatio n Program me for S1 CSE Beta and Alpha	Entrepre neurship/ Startup	Orientatio n Session	Institute Lead Activity	IEDC RSET	25-07-20 19 00:00:00	25-07-20 19 00:00:00	1	Within Campus	134	1	0	0	135	No	No
2	Orientatio n Program me for S1 ECE Alpha and CSE Gamma	Entrepre neurship/ Startup	Orientatio n Session	Institute Lead Activity	IEDC RSET	26-07-20 19 00:00:00	26-07-20 19 00:00:00	1	Within Campus	127	5	0	0	132	No	No
3	YIP Design Thinking Worksho P	Innovatio n	Worksho p	Institute Lead Activity	IEDC RSET	27-07-20 19 00:00:00	28-07-20 19 00:00:00	2	Within Campus	20	4	0	0	24	No	No
4	Orientatio n Program me for S1 ECE Beta, EEE and IT	Entrepre neurship/ Startup	Orientatio n Session	Institute Lead Activity	IEDC RSET	29-07-20 19 00:00:00	29-07-20 19 00:00:00	1	Within Campus	211	5	0	0	216	No	No

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

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5	Orientatio n Program me for S1 CE and ECE Gamma	Entrepre neurship/ Startup	Orientatio n Session	Institute Lead Activity	IEDC RSET	30-07-20 19 00:00:00	30-07-20 19 00:00:00	1	Within Campus	120	4	0	0	124	No	No
6	Orientatio n Program me for S1 ME Beta and AEI	Entrepre neurship/ Startup	Orientatio n Session	Institute Lead Activity	IEDC RSET	01-08-20 19 00:00:00	01-08-20 19 00:00:00	1	Within Campus	117	3	0	0	120	No	No
7	Orientatio n Program me for S1 ME Alpha	Entrepre neurship/ Startup	Orientatio n Session	Institute Lead Activity	IEDC RSET	02-08-20 19 00:00:00	02-08-20 19 00:00:00	1	Within Campus	59	2	0	0	61	No	No
8	Orientatio n Program me for S3 CE	Entrepre neurship/ Startup	Orientatio n Session	Institute Lead Activity	IEDC RSET	07-08-20 19 00:00:00	07-08-20 19 00:00:00	1	Within Campus	63	3	0	0	66	No	No
9	Orientatio n Program me for S3 AEI	Entrepre neurship/ Startup	Orientatio n Session	Institute Lead Activity	IEDC RSET	20-08-20 19 00:00:00	20-08-20 19 00:00:00	1	Within Campus	52	2	0	0	54	No	No
10	Ideate 2K19	Innovatio n	Innovatio n Contest	Institute Lead Activity	IEDC RSET	23-08-20 19 00:00:00	23-08-20 19 00:00:00	1	Within Campus	62	2	0	0	64	No	No
11	Hello Arduino	Innovatio n	Demo Day	Institute Lead Activity	IEDC RSET	24-08-20 19 00:00:00	24-08-20 19 00:00:00	1	Within Campus	25	1	0	0	26	No	No
12	REDTale s - Mr. Santhosh George Kulangar a	Entrepre neurship/ Startup	Motivatio nal speak	Institute Lead Activity	IEDC RSET	25-10-20 19 00:00:00	25-10-20 19 00:00:00	1	Within Campus	120	4	0	0	124	No	No
13	Hacksha ck - Hardware Hakathon	Innovatio n	Hackatho n	Institute Lead Activity	IEDC RSET	08-11-20 19 00:00:00	09-11-20 19 00:00:00	2	Within Campus	76	1	0	0	77	No	No
14	Hatch-Up - Entrepre nuer Worksho p	Entrepre neurship/ Startup	Hackatho n	Institute Lead Activity	IEDC RSET	25-01-20 20 00:00:00	25-01-20 20 00:00:00	1	Within Campus	29	1	0	0	30	No	No
15	Start-up - Weekend - 24 Hours	Entrepre neurship/ Startup	Start-up Yatra	Institute Lead Activity	IEDC RSET	07-02-20 20 00:00:00	07-02-20 20 00:00:00	1	Within Campus	48	2	0	0	50	No	No
16	Aratrika - LED Bulb Worksho p	Innovatio n	Worksho p	Institute Lead Activity	IEDC RSET	07-03-20 20 00:00:00	07-03-20 20 00:00:00	1	Within Campus	43	2	0	0	45	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 Name)	Program Theme	Program Type	Organizin g Agency / Institute Name	Organizin g Agency Type	Program Start Date	Program End Date	Program Duration(i n Days)	Participa nts (Students)	Participa nts (Faculty)	Total Number of Participa nts	Awards/R ecognitio ns/Achiev ements	Award / Position / Recogniti on Secured	Title of Innovatio n / 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	IEDC Summit 2019	Entrepre neurship/ Startup	Skill developm ent	Kerala Start Up Mission (KSUM)	Govt. Agency (State)	19-10-20 19 00:00:00	19-10-20 19 00:00:00	1	40	1	41	Yes	ldea Grant	Ear Muffler	No	Award / Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

No Data Flled!

Section 2 > ii : 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 Flled!

Section 2 > iii : 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)

No Data Flled!

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

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/Activiti es 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	IEDC	Idea Club	2015	Co-working Space	Pre-Incubation Unit	18	Nadin Mathew	nadin.mathew8@gmail .com	9061064636

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)

Srno	Name of Pre- Incubation Centre	Type of Facility	Year of Establishme nt	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/Innovati 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	RSET IEDC	IEDC	2015	3D Printing & Prototype Equipment, Work Stations	IPR Cell/Technology Transfer Centre,Student Clubs	IPR Cell/Technol ogy Transfer Centre,Stud ent Clubs	Facility Incharge Sh Kurian Facility Incharge Email Incharge Facility Incharge Phone Facility 949741 3879	12	Yes	No	No

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Manag ement team Strength Engaged at the Facility	Had the CoE 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 CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
1	Centre for Topology and Applications	2018	IPR Cell/Technology Transfer Centre	DST, NBHM	Facility Incharge Name Pacility Incharge Vinod Kumar Facility Incharge Email Facility Incharge Phone Pr. P. B. Vinod Kumar Vinod kumar @raja giritech.edu.in 98957 75409	12	Yes	No	No
2	STEAG Centre for Smart City Technologies	2019	Student Clubs		Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone	3	Yes	No	Yes

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

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
Funding Agency	STEAG Energy Services (India) Pvt. Ltd.	Corporate / Industry Association	2500000

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

No Data Filed!

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

No Data Flled!

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

Sr	no Cel	ame of IPR I/Technology er 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/Manag ement 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/Start up/Venture Development and implementation during the Financial Year 2019-20?
1		ual Property ing Center	2016	Incubation Unit,Student Clubs	Institution self funded	Facility Incharge Name Facility Incharge Facility Incharge Email Facility Incharge Phone Rijin John ©ra jagirite ch.edu .in 98950 50030	1	No	No	No

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

No Data Filed!

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

No Data Flled!

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

Srn o	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovati on	Name of the HEI Support ed Innovati on Develop ment	Innov ation Devel oped by	Stage of Innov ation/ Stage of TRL it starte d recei ving the Supp ort durin g the FY 2019-20	Stage of Innov ation/ Stage of TRL reach ed as on 31st Marc h 2020	Status Pre- Incubati on/Incu bation Support to Innovati on as on 31st March 2020	Had the Innovatior Received a Recognition State, Natior Internation. Level Progra during the financial per 2019-20	ny ed into at Venture nal, Startup al SME ms Unit e during	Had Centre, Financial resource of agencies Grant/Fur Prototy Developme	finstitute provided any support (either own frund received from s) in terms of Seed and Support to Idea / /pe / Innovations nt during the financial riod 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	Atwic Research and Development Pvt Ltd	Product Innovation	Technol ogical	Center for Social Innovati on and Incubati on	Exter nal to the Instit ute/In cubat ee	TRL 9: Full com merci al applic ation, techn ology availa ble for cons umer s.	TRL 9: Full com merci al applic ation, techn ology availa ble for cons umer s.	Innovati on Develop ment Ongoing	No	No	No		No	Amount Received in Rs.
		Name					Туре			Gend	ler		Email	Contact
	Rahul Sivan				Innovator	/Entrepre	neur Exte	rnal to Instit	tute Mal	е		rahul@atwic.com		9847912899

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

Srn o	Name of the Venture/Sta rtup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Sta rtup/SME Unit	Nature of Innovat ion	Name of the Pre- Incubat ion/Inc ubation Unit of HEI Suppor ted Innovat ion Develo pment	Vent ure Foun ded by	Venture Registerd as	Year of Regi strati on	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 processing Financial support of the from agencies in terms of the from agencies in terms of the from agencies in the from agencial support to the stablishment during financial period 2019	either ceived of Seed /enture	Had the venture/stai any Seed fund/ Investment/VC during of receiving p incubation/incubation/ir your Pre-incubation/ir HEI during the finan 2019-20	Angel g the period ore- n support at ncubation or	Had the Pre-incubat ion/Inc ubation Centre/ HEI receive d any income venture /startup for the pre-incubat ion/inc ubation support and the service s offered by Pre-incubat ion/inc ubation or institut e during the financi al period 2019-20	Has the Start- up Grown to a stage of Employ ment Genera tion to 10 Numbe rs or an annual Turnov er to Rs. 50 Lakhs during the financi al year 2019-20
1	Hound Electric Pvt Ltd	Product Innovation	Techno logical	4601	Exter nal to the Instit ute/I ncub atee	Venture with Corporate Identification Number (CIN) Registration	2019 -20	Received Incubation Support from Incubation Unit	No	No		No		No	Yes
	Name			DIN number		Туре	Ger	Gender		Email		Contact			
						vator/Entrepreneu rnal to Institute	r Male	pa		paul@houndelectric.com 8129165789					
						78005		vator/Entrepreneur Male rrnal to Institute			liju@houndelectric.com 9745799724				

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	Kerala Start up Mission (KSUM)	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Networking,Investment,See d fund	2	09-04-2019

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

No Data Flled!

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

No Data Flled!

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

No Data Filed!

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

No Data Flled!

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 Prof. P. S. Sreejith (Head of Institute) and Dr. Rinku Jacob (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

Prof. P. S. Sreejith Head of the Institution, Ernakulam, Kerala Nodal officer

Dr. Rinku Jacob Nodal Officer, Ernakulam, Kerala

Responsibility for accuracy and authenticity of data lies with the concerned institution.