



Verification Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21 Institute Name: RAJADHANI INSTITUTE OF ENGINEERING AND TECHNOLOGY [ARI-C-43630]

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	Innovation and Entrepreneur development cell	Incubation Unit	Multidisciplinary	At all level	Both	700	117	35
2	Institution innovation council	Pre-incubation unit	Multi disciplinary	At all level	Both	700	117	35
3	Center of excellence Lab	Centre of Excellence with Advance Tools & Equipment	multidisciplinary	At all level	Both	700	117	35
4	Center for research and consultancy	Research Unit / Park	Multidisciplinary	At all level	Both	700	117	35
5	Renewable energy Innovation forum	Industry Institute Interface Unit	Renewable energy	At all level	Both	700	117	35
6	Apple authorized training center with IOT Lab	Academic Department with lab facility	Multidisciplinary	At all level	Both	700	117	35
7	Patent Facilitation center	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multidisciplinary	At all level	Both	700	117	35
8	Block chain Innovation club	Research Unit / Park	Block chain	At all level	Technical	700	117	35
9	National Cyber Defense Research Center	Research Unit / Park	Cyber Security	At all level	Technical	700	117	35

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	No	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201912274
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

Smo	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	Carrier Guidance Program me	Innovatio n	Awarene ss	Institute Lead Activity	SAE- ME Departm ent	07-04-20 19 00:00:00	07-04-20 19 00:00:00	1	Within Campus	69	3	0	0	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)5000	No
2	Entrepre neurship & Start- up	Entrepre neurship/ Startup	Awarene ss	Institute Lead Activity	MBA	02-04-20 19 00:00:00	02-04-20 19 00:00:00	1	Within Campus	57	4	0	0	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
3	Advance d Automobi les	Innovatio n	Awarene ss	Institute Lead Activity	Tahr Motrsport s	07-05-20 19 00:00:00	07-05-20 19 00:00:00	1	Within Campus	28	2	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
4	Analysis Driven Engineeri ng Design	Innovatio n	Worksho P	Institute Lead Activity	Vivrtti Global Pvt. Ltd.	19-12-20 19 00:00:00	19-12-20 19 00:00:00	1	Within Campus	24	4	0	0	28	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
5	CADD Training	Innovatio n	Worksho P	Institute Lead Activity	CADD Center	25-10-20 19 00:00:00	25-10-20 19 00:00:00	1	Within Campus	32	4	0	0	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
6	NACTET Scholars hip Contest	Innovatio n	Innovatio n Contest	Institute Lead Activity	NACTET	25-02-20 20 00:00:00	25-02-20 20 00:00:00	1	Within Campus	49	0	0	0	49	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No

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

7 Ov Op itie St				Institute Lead Activity	SAE	03-10-20 19 00:00:00	03-10-20 19 00:00:00	1	Within Campus	59	3	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)3000	No
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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 / Recogniti on	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- 2020	Entrepre neurship/ Startup	Seminar	Sahrdaya College of Engineeri ng and Technolo gy	Educatio nal Institute	19-10-20 19 00:00:00	19-10-20 19 00:00:00	1	5	0	5	No			TotalTotal 5000 Expense Amount Incurred by Institute? (In Rupees)	No
2	TIECON KERALA 2019	Entrepre neurship/ Startup	Seminar	TIE KERALA	Corporat e / Industry Associati on	04-10-20 19 00:00:00	05-10-20 19 00:00:00	2	8	1	9	No			TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
3	EDGE 2020	Innovatio n	Conferen ce	SPACEP ARK Kerala	Govt. Agency (State)	31-01-20 20 00:00:00	01-02-20 20 00:00:00	2	12	1	13	No			TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
4	Kanthari	Innovatio n	Training	Kanthari Internatio nal	Non- Govt. Agencies	01-09-20 19 00:00:00	01-09-20 19 00:00:00	1	30	0	30	No			TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
5	HUDDLE KERALA 2019	Entrepre neurship/ Startup	Conferen ce	HUDDLE KERALA	Non- Govt. Agencies	27-09-20 19 00:00:00	28-09-20 19 00:00:00	2	5	0	5	No			TotalTotal 8800 Expense Amount Incurred by Institute? (In Rupees)	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

6	REBOOT KERALA HACKAT HON 2020	Innovatio n	Hackatho n	ASAP	Govt. Agency (State)	31-01-20 20 00:00:00	02-02-20 20 00:00:00	3	24	2	26	No	 	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
7	YOUNG INNOVA TORS CHALLE NGE 2020	Innovatio n	Innovatio n Contest	K- DISC	Govt. Agency (State)	16-12-20 19 00:00:00	31-12-20 19 00:00:00	16	1	1	2	No	 	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
8	PROFES SIONAL STUDEN TS SUMMIT 2020	Entrepre neurship/ Startup	Conferen ce	GOVT. OF KERALA	Govt. Agency (State)	15-02-20 20 00:00:00	15-02-20 20 00:00:00	1	5	1	6	No	 	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
9	FLOWER S STUDEN T STARTU PS	Entrepre neurship/ Startup	Start-up Conclave	FLOWER S CHANNE L	Non- Govt. Agencies	22-08-20 19 00:00:00	24-08-20 19 00:00:00	3	8	2	10	No	 	TotalTotal 6000 Expense Amount Incurred by Institute? (In Rupees)	No

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

s	Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centr e/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		Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Master	MBA	17-09-2019	17-12-2019	92	Offline	120	50
2		Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Master	MBA	17-09-2020	17-12-2020	92	Offline	120	50

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)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	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	Apple I-work Training	Entrepreneurship/Startup	Employment Generation Training Programs	IEDC	13-03-2019	29-03-2019	17	Offline	50	35

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)

1	Dr K Balan	Civil Engineer	ing Department	Vice Principa	al	No		No	
2	Prasanth R	EEE Departm	ent	Associate Pr	rofessor	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)	Mode of Delivery

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,Work Stations	Incubation Unit,Innovation Labs	2	Ajay Jagannath M	ajayjagannath.m@gma il.com	9400560733
2	IEEE	Innovation Club	2015	Work Stations	Incubation Unit,Innovation Labs	2	Ajay Jagannath M	ajayjagannath.m@gma il.com	9400560733
3	SAE	Innovation Club	2015	Work Stations	Incubation Unit,Innovation Labs	2	R Hesin Raj	hesinrj@gmail.com	9072245128
4	Tinker Hub	Idea Club	2018	Work Stations	Incubation Unit,Innovation Labs	1	Sharath C Nair	sharathcnair244@gmai I.com	9496032232

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	RIEDC	Innovation Centre	2016	Work Stations	Incubation Unit,Student Clubs	Incubation Unit,Student Clubs	Facility Incharge NameKEERT HANA KRISH NANFacility Incharge Emailkeertha nakrish nan@ri etedu.i nFacility Incharge Phone994706 2569	4	Yes	No	No

Apple authorized Training Center Design Centre 2 2013 Work 5 Yes No Incubation Incubation Facility Incharge Name Ajesh Mohan Yes Stations Unit,Student Unit,Student Clubs Clubs das Total Annual 0 ajeshm Income Facility Incharge Email ohanda from s@riet Training and Skill edu.in Develop ment 904747 4747 Services (In Rupees) Total Annual 0 Income from (Technic al and Business) Mentorin g Services Facility Incharge Phone (In Rupees) 0 Total Annual Income from Office Space and Rental Services to Startups/Inno vators (In Rupees) loT Lab Innovation 2016 Work 2 Yes Yes 3 Incubation Incubation No Facility Incharge Name Jinu Centre Stations Unit, Innovation Unit,Innovati Raj R Labs on Labs Facility Incharge Email jinurajr @riete du.in Facility Incharge Phone 949726 5124 Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities Source of Grant / Fund Agency Name Agency Type exists in Campus (In Rupees) RIET Institute's Own Fund / Resource Educational Institute 20000

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)

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)

4	REIF	Innovation Centre	2017	Work Stations	Incubation Unit,Innovation Labs	Incubation Unit,Innovati on Labs	Facility Incharge NamePrasan th RFacility Incharge Emailassoci atedire atedire artups @reite du.inFacility Incharge Phone999522 1816	2		Yes	No		Yes
			rce of Grant / Fu	Ind			Agency Name			Agency Type			Grants / Funds Received by Pre- on & Incubation Centre / Facilities ists in Campus (In Rupees)
	Institute's Own F	und / Resource			F	RIET			Educatio	onal Institute		20000	
5	Smart Energy Programme	Innovation Centre	2017	Work Stations	Innovation Labs,Student Clubs	Innovation Labs,Studen t Clubs	Facility Incharge NamePrasan th RFacility Incharge Emailassoci atedire ctor_st artups @riete du.inFacility Incharge Phone999522 1816	2		No	No		No
6	RIEDC	IEDC	2016	Work Stations	Innovation Labs, Student Clubs	Innovation Labs,Studen t Clubs	Facility Incharge NamePrasan th RFacility Incharge Emailassoci atedire artups @riete du.inFacility Incharge Phone999522 1816	2		No	No		Yes
	Source of Grant / Fund				Agency Name			Agency Type			Total C Incubati ex	Total Grants / Funds Received by Pre- Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	
	Funding Agency				1	EDC			Not-Gov	rt. Agencies		200000	

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 Flled!

No Data Flled!

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

No Data Flled!

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	Prasanth R	Associate Professor	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protec Commercialization	6		
	Name of Idea/Innovation/ St	artup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)		
	Luminous		Within			
	Hybrid Solar DRyer		Within			

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

Srn	סר	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1		Dr. KCC Nair	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship

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

Name of the SrnName of the HEIType of HEINature of mentName of the HEI of of mentName of the HEI support of hHEIName of the HEI support of hHEIName of the HEI support of the d peed on hHEIName of the HEI support of the d support of the d support of hHEIName of the HEI support of the d support of the d support of the d support of hHEIName of the HEI support of the d support of the d support support of the d support of the d support support of the d support of the d support of the d support of the d support of the d support support of the d support of the d support support of the d support support of the d support support supp

1	Luminous	Product Innovation	Technol ogical	Stude nt- Facul ty	TRL 5: Large scale protot ype teste d in inten ded envir onme nt.	TRL 5: Large scale protot ype teste d in inten ded envir onme nt.	Innovati on Develop ment Complet ed	No		No	No		No	No
		Name				Туре				Gende	ſ		Email	Contact
	Amal M Nair			Student					Male			amalmnair707@gmail	.com	9446254331
		Name				Туре				Gende	·		Email	Contact
	Prasanth R	Prasanth R				Faculty			Male		associatedirector_startups@rietedu.in		9995221816	
2	Hybrid Solar Dryer	Product Innovation	Technol ogical	Stude nt- Facul ty	TRL 5: Large scale protot ype teste d in inten ded envir onme nt.	TRL 5: Large scale protot ype teste d in inten ded envir onme nt.	Innovati on Develop ment Complet ed	No		No	No		No	No
		Name				Туре				Gende	·		Email	Contact
	Muhammed Haris A Name		Student					Male			harishakkim80@gmai	.com	8086059430	
					Туре				Gende	·	Email		Contact	
	Prasanth R			Faculty					Male		associatedirector_startups@rietedu.in		9995221816	

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/Inc ubation 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 pro any Financial support (own resource or fund re from agencies) in terms of Grant/Fund Support to V establishment during financial period 2019	ceived of Seed /enture	Had the venture/star any Seed fund// Investment/VC during of receiving p incubation/incubation your Pre-incubation/in HEI during the financ 2019-20	Angel the period re- support at icubation or	Had the Pre- incubat ion/Inc ubation Centre/ HEI receive d any income /revenu e from venture /revenu e from 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 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 20
1	AROHA- An Advanced Wheel Chair	Product Innovation	Techno logical	7281	Exter nal to the Instit ute/I ncub atee	24779 Venture with Corporate Identification Number (CIN) Registration	2018 -19	Received Incubation Support from Incubation Unit	Agency NameSamrambh ak MithraAgency TypeNot-Govt. AgenciesAward / Position / Recognition SecuredFirst	No		No		No	No
	Muhammed	Name DIN number Muhammed Haris 201941027560				Stuc	Type Gender Student Male			Email C harishakkim80@gmail.com 8086059430		Contact			

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	Barola Technologies	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Mentoring	5	01-12-2019
2	ANERT	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Mentoring	0	13-11-2019
3	Electronics Sector Skill Council of India	Govt. Agency (Central)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Mentoring	1	02-12-2019

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

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	LUMINOUS	201941027557	National	2019 - 07	Uploaded	
2	HYBRID SOLAR DRYER	201941027560	National	2019 - 07	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 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 Dr. K.C.Raveendranathan (Head of Institute) and Mr. Prasanth R. (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. K.C.Raveendranathan Head of the Institution, Thiruvananthapuram, Kerala

Nodal officer

Mr. Prasanth R. Nodal Officer, Thiruvananthapuram, Kerala

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