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

Institute Name: AHALIA SCHOOL OF ENGINEERING & TECHNOLOGY, KOZHIPPARA [ARI-C-43284]

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

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)
Innovation and Entrepreneurship Development Centre	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Innovation and Entrepreneurship	Not Allowed	Not Allowed	100	2	0
Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	129	10	2
Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	51	7	2
Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Technical	76	8	2
Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	168	11	2
Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	148	9	5
Science and Humanities Department	Academic Department with lab facility	Science and Humanities	UG / PG / PhD	Non-Technical	0	15	0
Ahalia School of Skill Development	Industry Institute Interface Unit	Skill Development Trainings	Not Allowed	Not Allowed	572	60	13

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 : IC201912048
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	No	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 / 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	Workshop on Creativity and Entrepreneurship	Entrepreneurship/Startup	Workshop	Institute Lead Activity	IEDC	05-04-2019 00:00:00	06-04-2019 00:00:00	2	Within Campus	65	2	0	0	67	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 23827	No
2	SHRISHTI 2019	Entrepreneurship/Startup, Innovation	Demo Day	Institute Lead Activity	IEDC	13-05-2019 00:00:00	13-05-2019 00:00:00	1	Within Campus	120	5	0	0	125	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 21000	No
3	Patenting and Procedures	IPR	Training	Institute Lead Activity	IEDC	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	60	15	0	0	75	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 4550	No
4	IDEATE 2020	Entrepreneurship/Startup	B-Plan Competitions	Institute Lead Activity	IEDC AND IIC	26-01-2020 00:00:00	26-01-2020 00:00:00	1	Within Campus	20	5	25	3	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 6420	Award / Position / Recognition Secured: FIRST; Title of Innovation / Start-up Secured the Award / Recognition: Bladeless wind turbine; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
5	UNSTOPABLE	Entrepreneurship/Startup	Motivational speak	Student Lead Activity	IEDC AND IIC	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	100	5	0	0	105	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2500	No
6	ORIENTATION	Entrepreneurship/Startup, Innovation	Mentoring Session	Student Lead Activity	IEDC	24-07-2019 00:00:00	24-07-2019 00:00:00	1	Within Campus	150	2	0	0	152	No	No

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

7	Be The Leader Challenge	Entrepreneurship/Startup	Orientation Session	Student Lead Activity	IEDC	10-08-2019 00:00:00	10-08-2019 00:00:00	1	Within Campus	60	2	0	0	62	No	No
8	Innovation Day celebration	Innovation	Innovation Contest	Institute Lead Activity	IIC	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	10	0	10	0	20	No	Award / Position / Recognition Secured: FIRST; Title of Innovation / Start-up Secured the Award / Recognition: INNOVATION POSTER; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
9	Awareness Session on Young Innovators Program	Innovation	Orientation Session	Institute Lead Activity	IEDC	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Within Campus	60	1	0	0	61	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	IEDC MEET	Entrepreneurship/Startup	Seminar	Kerala Startup Mission	Govt. Agency (State)	19-06-2019 00:00:00	19-06-2019 00:00:00	1	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 500	No
2	Huddle Kerala 2019	Innovation	Conference	Kerala Startup Mission	Govt. Agency (State)	28-09-2019 00:00:00	28-09-2019 00:00:00	1	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 660	No
3	IEDC Summit 2019	Entrepreneurship/Startup	Start-up Conclave	Kerala Startup Mission	Govt. Agency (State)	19-10-2019 00:00:00	19-10-2019 00:00:00	1	10	2	12	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 13446	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

4	National Workshop on Beyond Glass Barriers	Entrepreneurship/Startup	Workshop	IEEE Malabar Sub Section	Non-Govt. Agencies	14-12-2019 00:00:00	14-12-2019 00:00:00	1	3	0	3	No	---	---	No		No
5	Innovation Ambassador Training	Entrepreneurship/Startup	Training	Ministry of Human Resource Development	Govt. Agency (Central)	26-02-2020 00:00:00	27-02-2020 00:00:00	2	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	1500	No
6	Young Innovators Program	Innovation	Training	KDISC	Govt. Agency (State)	23-01-2020 00:00:00	24-01-2020 00:00:00	2	0	1	1	No	---	---	No		No

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

No Data Flled!

LiList 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	PMKVY TI ELECTRICIAN DOMESTIC SOLUTIONS	Innovation	Employment Generation Training Programs	PMKVY TI	01-01-2019	26-12-2019	360	Offline	25	350
2	PMKVY TI CNC OPERATOR TURNING	Innovation	Employment Generation Training Programs	PMKVY TI	01-01-2019	26-12-2019	360	Offline	25	400
3	Additional Skill Aquisition Program	Innovation	Employment Generation Training Programs	ASAP	16-12-2019	31-12-2020	382	Offline	25	300
4	Google Associate Cloud Engineer	Innovation	Employment Generation Training Programs	Ahalia ASAP	31-10-2019	30-05-2020	213	Online	42	350

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	LAKSHMY SURESH	ELECTRICAL AND ELECTRONICS ENGINEERING	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)	Mode of Delivery
INNOVATION AMBASSODOR TRAINING	Entrepreneurship/Startup	FDP in I&E, IPR	IIC	Govt. Agency (Central)	26-02-2020 00:00:00	27-02-2020 00:00:00	2	Offline

2	ANIL M		MECHANICAL ENGINEERING		ASSISTANT PROFSSOR	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
Young Innovators Program	Innovation	FDP in I&E, IPR	KDISC	Govt. Agency (State)	23-01-2020 00:00:00	24-01-2020 00:00:00	2	Offline

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	Innovation and Entrepreneurship Development Centre	Startup Club	2017	Work Stations	Innovation Labs	6	Bharath Roshan	roshanpb01@gmail.com	8075467462
2	Institution Innovation Council	Innovation Club	2019	None	Innovation Labs	6	Vishnupriya	vishnupriyak009@gmail.com	8921972810

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 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	Innovation and Entrepreneurship Development Center (IEDC)	IEDC	2017	Work Stations,None	Innovation Labs	Innovation Labs	Facility Incharge Name: Lakshmy Suresh; Facility Incharge Email: lakshmy.suresh@ahalia.ac.in; Facility Incharge Phone: 9446293173	15	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Funding Agency	Kerala Start up Mission	Govt. Agency (State)	200000

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

No Data Flled!

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

No Data Flled!

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

No Data Flled!

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

No Data Flled!

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	LAKSHMY SURESH	ASSISTANT PROFESSOR	Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		**Mentoring Setup [Within (or) Outside] HEI**	**CIN (in case it is Startup)**
	Low cost ventilators		Within	
2	ANIL M	ASSISTANT PROFSSOR	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		**Mentoring Setup [Within (or) Outside] HEI**	**CIN (in case it is Startup)**
	Hydrogen as IC engine fuel		Within	

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	Vinod V	Entrepreneurship/Startup Development	Unstructured Mentorship
2	Adv.Febin James	IPR Protection & Commercialization	Unstructured Mentorship
3	Distric Industries Centre	Entrepreneurship/Startup Development	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	Li10	Product Innovation	Technological		Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Adopted and Implemented at Ground	No	No	No	No	No

Name	Type	Gender	Email	Contact
Arjun K	Student	Male	arjun.k@ahalia.ac.in	9809306914

Name	Type	Gender	Email	Contact
Anujith S	Student	Male	anujith.s@ahalia.ac.in	7034379912

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	Had the Innovation Converted into Venture	Grant Amount in Rs	Had the Innovations raised any Seed fund	Had the Pre-incubation
2	Ahalia Transportation App Development	Service Innovation	Technological		Student	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 5000	No	No

Name	Type	Gender	Email	Contact
Thanveer	Student	Male	thanveer.ansik@ahalia.ac.in	7466802952

Name	Type	Gender	Email	Contact
Jayadev	Student	Male	-	-

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

No Data FIled!

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

No Data Flled!

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

No Data Flled!

List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

No Data Flled!

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

No Data Flled!

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. P.R. Sreemahadevan Pillai (Head of Institute) and Dr. Krishna Kumar Kishor (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

Nodal officer

Dr. P.R. Sreemahadevan Pillai
Head of the Institution,
PALAKKAD, Kerala

Dr. Krishna Kumar Kishor
Nodal Officer,
PALAKKAD, Kerala

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