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

Institute Name: Adi Shankara Institute of Engineering and Technology [ARI-C-11745]

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)
FABLAB, ASIET KALADY	Centre of Excellence with Advance Tools & Equipment	Engineering and Technology	At all level	Technical	250	45	18
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	ELECTRONICS AND COMMUNICATION ENGINEERING	UG / PG / PhD	Technical	359	27	6
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING	Academic Department with lab facility	COMPUTER SCIENCE AND ENGINEERING	UG / PG / PhD	Technical	435	25	9
DEPARTMENT OF CIVIL ENGINEERING	Academic Department with lab facility	CIVIL ENGINEERING	UG / PG / PhD	Technical	240	18	5
DEPARTMENT OF MECHANICAL ENGINEERING	Academic Department with lab facility	MECHANICAL ENGINEERING	UG / PG / PhD	Technical	465	23	4
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING	Academic Department with lab facility	ELECTRICAL AND ELECTRONICS ENGINEERING	UG / PG / PhD	Technical	189	15	5
DEPARTMENT OF APPLIED ELECTRONICS	Academic Department with lab facility	APPLIED ELECTRONICS	UG / PG / PhD	Technical	85	9	2
ADISHANKARA IEDC	Pre-incubation unit	DEVICE AND SENSORS, GREEN TECHNOLOGY	UG / PG / PhD	Technical	400	15	3
ADISHANKARA TBI	Incubation Unit	DEVICE AND SENSORS, GREEN TECHNOLOGY	At all level	Technical	70	10	3
INDUSTRY INSTITUTE PARTNERSHIP CELL	Industry Institute Interface Unit	STUDENT INTERNSHIPS, INDUSTRY CONSULTANCY, FACULTY TRAINING	UG / PG / PhD	Technical	150	30	5
INSTITUTE INNOVATION CELL - MHRD	Pre-incubation unit		UG / PG / PhD	Technical	30	14	2

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 : IC201912897

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

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 / 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	APJ Abdul Kalam Innovation Challenge 2019	Innovation	Innovation Contest	Institute Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	26-04-2019 00:00:00	17-06-2019 00:00:00	53	Within Campus	240	60	0	0	300	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 28000	Award / Position / Recognition Secured: 2 Lakhs Grant; Title of Innovation / Start-up Secured the Award / Recognition: OA; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
2	Micro Project Challenge 2019	Innovation	Innovation Contest	Institute Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	01-05-2019 00:00:00	03-05-2019 00:00:00	3	Within Campus	120	0	0	0	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 7000	No
3	Spark 2019	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	08-08-2019 00:00:00	10-08-2019 00:00:00	3	Within Campus	40	0	0	0	40	No	No
4	Awareness Camp on Patent and IPR	IPR	Awareness	Student Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	10-05-2019 00:00:00	10-05-2019 00:00:00	1	Within Campus	120	0	0	0	120	No	No

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

5	ICFOSS Women Hackathon	Innovation	Hackathon	Student Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	04-04-2019 00:00:00	05-04-2019 00:00:00	2	Within Campus	35	5	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 3000	No
6	Expert talk on Industry 4.0	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	05-04-2019 00:00:00	05-04-2019 00:00:00	1	Within Campus	60	49	0	0	109	No	No
7	Talk on Fostering Innovations	Innovation	Motivational speak	Student Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	08-04-2019 00:00:00	08-04-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No
8	Film Making Workshop	Entrepreneurship/Startup	Workshop	Student Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	09-04-2019 00:00:00	10-04-2019 00:00:00	2	Within Campus	36	0	0	0	36	No	No
9	Effective Presentation Skills and Idea pitching workshop	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	16-04-2019 00:00:00	17-04-2019 00:00:00	2	Within Campus	26	0	0	0	26	No	No
10	Mentoring student projects to startup products	Entrepreneurship/Startup	Mentoring Session	Student Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	03-05-2019 00:00:00	03-05-2019 00:00:00	1	Within Campus	66	0	0	0	66	No	No
11	Google I/O Extended ASIET	Entrepreneurship/Startup	Workshop	Student Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	08-05-2019 00:00:00	08-05-2019 00:00:00	1	Within Campus	71	0	0	0	71	No	No
12	Talk on "Entrepreneurship and Innovation as Strategy in Scaling Up"	Entrepreneurship/Startup	Motivational speak	Student Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	15-05-2019 00:00:00	15-05-2019 00:00:00	1	Within Campus	70	0	0	0	70	No	No

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

13	Kick Start 2019 - IEDC Orientation program for 1st year students	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	23-07-2019 00:00:00	23-07-2019 00:00:00	1	Within Campus	129	0	0	0	129	No	No
14	Entrepreneur Talk show 2019	Entrepreneurship/Startup	Motivational speak	Student Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	19-08-2019 00:00:00	19-08-2019 00:00:00	1	Within Campus	120	0	0	0	120	No	No
15	AI & Machine learning Workshop	Entrepreneurship/Startup	Workshop	Student Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	27-02-2020 00:00:00	28-02-2020 00:00:00	2	Within Campus	60	0	0	0	60	No	No
16	Inter college Design Thinking Workshop	Entrepreneurship/Startup	Skill development	Institute Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	22-11-2019 00:00:00	23-11-2019 00:00:00	2	Within Campus	40	0	0	0	40	No	No
17	Ideation and Lateral Thinking	Entrepreneurship/Startup	Workshop	Student Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	11-11-2019 00:00:00	12-11-2019 00:00:00	2	Within Campus	34	0	0	0	34	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 4226	No
18	B Plan Competition for women	Entrepreneurship/Startup	B-Plan Competitions	Institute Lead Activity	Innovation and Entrepreneurship Development Centre(IEDC)	27-02-2020 00:00:00	28-02-2020 00:00:00	2	Within Campus	30	0	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 35000	No
19	Invited talk on latest trends in solar PV system and Energy from waste	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics department	20-04-2019 00:00:00	20-04-2019 00:00:00	1	Within Campus	121	15	0	0	136	No	No

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

20	Motivational talk on 'How to Design and Build Fulfilling Career in Engineering'	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Electrical and Electronics department	12-07-2019 00:00:00	12-07-2019 00:00:00	1	Within Campus	50	1	0	0	51	No	No
21	Session on Technology, Innovation and Entrepreneurship	Entrepreneurship/Startup, Innovation	Awareness	Institute Lead Activity	Electrical and Electronics department in association with FABLAB ASIET	18-01-2020 00:00:00	18-01-2020 00:00:00	1	Within Campus	42	1	0	0	43	No	No
22	Entrepreneurship Orientation Program	Entrepreneurship/Startup	Awareness	Student Lead Activity	IEDC	19-01-2020 00:00:00	19-01-2020 00:00:00	1	Within Campus	42	3	0	0	45	No	No
23	Design Project Exhibition	Innovation	Exhibition	Institute Lead Activity	Electrical and Electronics department	18-11-2019 00:00:00	18-11-2019 00:00:00	1	Within Campus	45	5	0	0	50	No	No
24	session on 'Importance of Internships'	Innovation	Awareness	Institute Lead Activity	Electrical and Electronics department	26-07-2019 00:00:00	26-07-2019 00:00:00	1	Within Campus	50	0	0	0	50	No	No
25	Visit to MITHRA DAM center for Renewable Energy and Sustainable life	Innovation	Exposure visit	Institute Lead Activity	Electrical and Electronics department	27-07-2019 00:00:00	27-07-2019 00:00:00	1	Outside Campus	50	3	0	0	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000	No
26	Awareness class on idea to project	Innovation	Awareness	Institute Lead Activity	Electrical and Electronics department	28-07-2019 00:00:00	28-07-2019 00:00:00	1	Within Campus	50	0	0	0	50	No	No
27	Session on Performance Requirement of Electrical & Electronic Systems for Critical Uses	Innovation	Awareness	Institute Lead Activity	Electrical and Electronics department	23-10-2019 00:00:00	23-10-2019 00:00:00	1	Within Campus	40	10	0	0	50	No	No

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

28	Industrial Visit to TELK Angamaly	Innovation	Exposure visit	Institute Lead Activity	Electrical and Electronics department	26-10-2019 00:00:00	26-10-2019 00:00:00	1	Outside Campus	40	2	0	0	42	No	No
29	Visit to Malayattor 110kV substation	Innovation	Exposure visit	Institute Lead Activity	Electrical and Electronics department	14-01-2020 00:00:00	14-01-2020 00:00:00	1	Outside Campus	40	3	0	0	43	No	No
30	Seminar Series competition on the topic 'Power System Resilience'	Innovation	Seminar	Institute Lead Activity	KSEB in association with Electrical and Electronics department	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	40	5	0	0	45	No	No
31	Technical talk on Electric Vehicle Technology, Eco Driving Principles and Increasing the Efficiency of Public Transport Systems	Innovation	Awareness	Institute Lead Activity	PCRA, Kochi in association with Electrical and Electronics department	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	120	3	0	0	123	No	No
32	ISA Symposium	Innovation	Workshop	Student Lead Activity	Applied Electronics and Instrumentation	30-03-2020 00:00:00	30-03-2020 00:00:00	1	Within Campus	100	10	150	15	275	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 60000	No
33	Industrial Visit	Entrepreneurship/ Startup	Exposure visit	Institute Lead Activity	Applied Electronics and Instrumentation	30-04-2019 00:00:00	30-04-2019 00:00:00	1	Outside Campus	60	4	0	0	64	No	No
34	Technical talk on " An overview of materials in Electronics "	Innovation	Seminar	Institute Lead Activity	Applied Electronics and Instrumentation	25-07-2019 00:00:00	25-07-2019 00:00:00	1	Within Campus	0	40	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 3000	No

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

35	Prayojaka Project completion 2019	Entrepreneurship/Startup	Exhibition	Institute Lead Activity	IEDC	15-08-2019 00:00:00	15-08-2019 00:00:00	1	Within Campus	50	0	0	0	50	No	

Award / Position / Recognition Secured	Special Jury Award
Title of Innovation / Start-up Secured the Award / Recognition	Automated Poultry Farm
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

36	Workshop on PLC and SCADA by Yokogawa India Ltd	Entrepreneurship/Startup	Training	Institute Lead Activity	Applied Electronics and Instrumentation	16-09-2019 00:00:00	20-09-2019 00:00:00	5	Within Campus	60	2	0	0	62	No	No
37	motivational Speak by Ninan Abraham, Riod Logic, Kochi,	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Applied Electronics and Instrumentation	18-09-2019 00:00:00	18-09-2019 00:00:00	1	Within Campus	30	0	0	0	30	No	No
38	Industrial visit to the College of Horticulture, Mannuthy	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Applied Electronics and Instrumentation	23-11-2019 00:00:00	23-11-2019 00:00:00	1	Within Campus	63	0	0	0	63	No	No
39	Motivational Speak by Rahul Krishnan, in Yokogawa India Ltd., Bangalore	Innovation	Motivational speak	Institute Lead Activity	Applied Electronics and Instrumentation	31-10-2019 00:00:00	31-10-2019 00:00:00	1	Within Campus	60	3	0	0	63	No	No
40	"motivational Speak by Mr Anand S, Emerson pvt. Ltd. "	Innovation	Motivational speak	Institute Lead Activity	Applied Electronics and Instrumentation	31-10-2019 00:00:00	31-10-2019 00:00:00	1	Within Campus	55	3	0	0	58	No	No
41	Industry interaction - SMEC lab	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Applied Electronics and Instrumentation	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Outside Campus	0	3	0	0	3	No	No

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

42	Talk on Higher Education Opportunities abroad	Innovation	Motivational speak	Institute Lead Activity	Electronics and Communication Engineering	04-04-2019 00:00:00	04-04-2019 00:00:00	1	Within Campus	90	0	0	0	90	No	No
43	Guest Lecture on Embedded System	Innovation	Awareness	Institute Lead Activity	Electronics and Communication Engineering	04-04-2019 00:00:00	04-04-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No
44	Guest Lecture on Advanced Driver Assistance Systems	Innovation	Awareness	Institute Lead Activity	Electronics and Communication Engineering	03-04-2019 00:00:00	03-04-2019 00:00:00	1	Within Campus	230	10	0	0	240	No	No
45	Guest Lecture on Entrepreneurship	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	Electronics and Communication Engineering	30-04-2019 00:00:00	30-04-2019 00:00:00	1	Within Campus	92	0	0	0	92	No	No
46	Virtual Reality and Game Development	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	03-05-2019 00:00:00	04-05-2019 00:00:00	2	Within Campus	78	0	0	0	78	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 31200	No
47	Next Generation 5G Wireless Networks	Innovation	Awareness	Institute Lead Activity	Electronics and Communication Engineering	07-05-2019 00:00:00	07-05-2019 00:00:00	1	Within Campus	78	0	0	0	78	No	No
48	Guest Lecture on Entrepreneurship	Entrepreneurship/ Startup	Motivational speak	Institute Lead Activity	Electronics and Communication Engineering	15-05-2019 00:00:00	15-05-2019 00:00:00	1	Within Campus	220	20	0	0	240	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 6000	No
49	Introduction to Deep Learning	Innovation	Workshop	Institute Lead Activity	IEEE, Signal Processing Society	25-07-2019 00:00:00	26-07-2019 00:00:00	2	Within Campus	45	0	0	0	45	No	No
50	Introduction to rapid prototyping	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	15-07-2019 00:00:00	15-07-2019 00:00:00	1	Within Campus	56	0	0	0	56	No	No

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

51	Guest Lecture on Entrepreneurship	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Electronics and Communication Engineering	08-08-2019 00:00:00	08-08-2019 00:00:00	1	Within Campus	88	0	0	0	88	No	No
52	Electronics in Ship Design	Innovation	Awareness	Institute Lead Activity	Electronics and Communication Engineering	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	79	5	0	0	84	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 3000	No
53	Workshop on NS2	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	23-08-2019 00:00:00	23-08-2019 00:00:00	1	Within Campus	56	0	0	0	56	No	No
54	Cybersecurity facts and tools	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	10-12-2019 00:00:00	10-12-2019 00:00:00	1	Within Campus	44	0	0	0	44	No	No
55	3D designing, 3D printing and an introduction to Rapid prototyping	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	28-11-2019 00:00:00	28-11-2019 00:00:00	1	Within Campus	0	0	40	3	43	No	No
56	Ashwamedha	Innovation	Innovation Contest	Institute Lead Activity	Electronics and Communication Engineering	05-11-2019 00:00:00	06-11-2019 00:00:00	2	Within Campus	155	0	74	0	229	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 200000	No
57	Design Thinking	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	13-01-2020 00:00:00	13-01-2020 00:00:00	1	Within Campus	0	30	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No
58	Technology, Innovation and Entrepreneurship	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Electronics and Communication Engineering	13-01-2020 00:00:00	13-01-2020 00:00:00	1	Within Campus	45	0	0	0	45	No	No
59	Nanotechnology in daily life	Innovation	Awareness	Institute Lead Activity	Electronics and Communication Engineering	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	54	0	0	0	54	No	No

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

60	ASIET Hackathon	Entrepreneurship/Startup, Innovation	Hackathon	Institute Lead Activity	IIC Cell	06-02-2020 00:00:00	07-02-2020 00:00:00	2	Within Campus	130	0	0	0	130	No	Award / Position / Recognition Secured: First Prize; Title of Innovation / Start-up Secured the Award / Recognition: Oa; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
61	Virtual Reality Workshop	Innovation	Awareness	Institute Lead Activity	Civil Engineering Department	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	60	5	0	0	65	No	No
62	Industrial visit to Mattupetty dam and Kundala dam	Innovation	Exposure visit	Institute Lead Activity	Civil Engineering Department	18-01-2020 00:00:00	18-01-2020 00:00:00	1	Outside Campus	46	2	0	0	48	No	No
63	Visit to MITHRA DAM center for Renewable Energy and Sustainable life	Innovation	Exposure visit	Institute Lead Activity	Civil Engineering Department	28-07-2019 00:00:00	28-07-2019 00:00:00	1	Outside Campus	48	2	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees): 5000	No
64	Expert talk on fostering innovations	Innovation	Awareness	Institute Lead Activity	CSI, ICFOSS	08-04-2019 00:00:00	08-04-2019 00:00:00	1	Within Campus	48	0	0	0	48	No	No
65	Expert talk on Science and Spirituality	Innovation	Motivational speak	Institute Lead Activity	CSI Society, CS Dept	11-04-2019 00:00:00	11-04-2019 00:00:00	1	Within Campus	24	0	0	0	24	No	No
66	Women hackathon workshop	Innovation	Workshop	Institute Lead Activity	ICFOSS	04-04-2019 00:00:00	05-04-2019 00:00:00	2	Within Campus	30	3	0	0	33	No	No
67	Film making workshop	Entrepreneurship/Startup	Workshop	Institute Lead Activity	CSI,IEEE-CS	11-04-2019 00:00:00	11-04-2019 00:00:00	1	Within Campus	39	0	0	0	39	No	No
68	Blackhat Cyber Security workshop	Innovation	Workshop	Student Lead Activity	Computer Science and Engineering	03-05-2019 00:00:00	03-05-2019 00:00:00	1	Within Campus	48	0	0	0	48	No	No

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

69	C programming workshop	Innovation	Workshop	Student Lead Activity	IEEE CS	04-04-2019 00:00:00	16-04-2019 00:00:00	13	Within Campus	36	0	0	0	36	No	No
70	Adobe Creative workshop	Innovation	Workshop	Student Lead Activity	Computer Science and Engineering	04-05-2019 00:00:00	04-05-2019 00:00:00	1	Within Campus	48	0	0	0	48	No	No
71	Recent Industry Practices in project management and testing	Innovation	Skill development	Institute Lead Activity	Computer Science and Engineering	27-05-2019 00:00:00	31-05-2019 00:00:00	5	Within Campus	56	0	0	0	56	No	No
72	IZITA 2.0 Reloaded - Quadruped Robotics workshop	Innovation	Workshop	Institute Lead Activity	IEEE CS	15-08-2019 00:00:00	15-08-2019 00:00:00	1	Within Campus	74	0	0	0	74	No	No
73	UI/UX design workshop	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	16-08-2019 00:00:00	16-08-2019 00:00:00	1	Within Campus	45	0	0	0	45	No	No
74	Creative thinking workshop	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	17-08-2019 00:00:00	17-08-2019 00:00:00	1	Within Campus	46	0	0	0	46	No	No
75	Arduino Workshop	Entrepreneurship/Startup	Workshop	Student Lead Activity	CSI Society, CS Dept	25-09-2019 00:00:00	25-09-2019 00:00:00	1	Within Campus	55	0	0	0	55	No	No
76	Tinker Hacks Workshop	Entrepreneurship/Startup	Workshop	Student Lead Activity	Computer Science and Engineering	12-10-2019 00:00:00	12-10-2019 00:00:00	1	Within Campus	11	0	0	0	11	No	No
77	Product Development (PD) session using FreeCAD	Innovation	Training	Institute Lead Activity	ICFOSS	29-10-2019 00:00:00	29-10-2019 00:00:00	1	Within Campus	35	0	0	0	35	No	No
78	LATEX Workshop	Innovation	Workshop	Institute Lead Activity	ICFOSS	04-11-2019 00:00:00	04-11-2019 00:00:00	1	Within Campus	25	4	0	0	29	No	No
79	IOT Workshop	Innovation	Workshop	Student Lead Activity	Computer Science and Engineering	05-11-2019 00:00:00	05-11-2019 00:00:00	1	Within Campus	38	0	0	0	38	No	No

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

80	Work Shop on Ideation and Lateral Thinking	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	12-11-2019 00:00:00	12-11-2019 00:00:00	1	Within Campus	7	0	0	0	7	No	No
81	Talk on Recent advances and future directions of bioinformatics	Innovation	Awareness	Institute Lead Activity	Computer Science and Engineering	18-11-2019 00:00:00	18-11-2019 00:00:00	1	Within Campus	17	5	0	0	22	No	No
82	BlockChain	Innovation	Skill development	Institute Lead Activity	Computer Science and Engineering	09-12-2019 00:00:00	13-12-2019 00:00:00	5	Within Campus	0	16	0	0	16	No	No
83	Workshop on Git and GitHub	Innovation	Workshop	Institute Lead Activity	ICFOSS cell	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	74	4	0	0	78	No	No
84	Virtual classes on Competitive Coding	Innovation	Training	Student Lead Activity	IEEE CS	22-03-2020 00:00:00	28-03-2020 00:00:00	7	Within Campus	30	6	0	0	36	No	No
85	C Programming Workshop	Innovation	Workshop	Student Lead Activity	IEEE Student Branch	04-04-2019 00:00:00	16-04-2019 00:00:00	13	Within Campus	36	0	0	0	36	No	No
86	Film making Workshop	Innovation	Workshop	Student Lead Activity	IEEE Student Branch	11-04-2019 00:00:00	11-04-2019 00:00:00	1	Within Campus	39	0	0	0	39	No	No
87	Distinguished Lecture Programme by Dr. Richard T. Kouzes, a Laboratory Fellow at the U.S. Department of Energy's Pacific Northwest National Laboratory (PNNL)	Innovation	Awareness	Student Lead Activity	IEEE Student Branch	26-04-2019 00:00:00	26-04-2019 00:00:00	1	Within Campus	87	0	0	0	87	No	No
88	Prayojaka: Project Expo	Innovation	Exhibition	Student Lead Activity	IEEE Student Branch	03-05-2019 00:00:00	03-05-2019 00:00:00	1	Within Campus	83	0	0	0	83	No	No

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

89	ERTE'19	Entrepreneurship/ Startup, Innovation	Conference	Institute Lead Activity	IEEE Student Branch	03-05-2019 00:00:00	03-05-2019 00:00:00	1	Within Campus	150	10	0	0	160	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	No
90	TECHNO RAVE'19	Innovation	Innovation Contest	Student Lead Activity	IEEE Student Branch	03-05-2019 00:00:00	04-05-2019 00:00:00	2	Within Campus	85	10	0	0	95	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2000	No
91	Google I/O Extended	Innovation	Training	Student Lead Activity	IEEE Student Branch	08-05-2019 00:00:00	08-05-2019 00:00:00	1	Within Campus	86	0	0	0	86	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	No
92	Introduction to Deep Learning	Innovation	Workshop	Student Lead Activity	IEEE Student Branch	25-07-2019 00:00:00	26-07-2019 00:00:00	2	Within Campus	25	0	0	0	25	No	No
93	CODATHON	Innovation	Innovation Contest	Student Lead Activity	IEEE Student Branch	22-08-2019 00:00:00	25-08-2019 00:00:00	4	Within Campus	60	0	0	0	60	No	No
94	IZITA 2.0 RELOADED	Innovation	Innovation Contest	Student Lead Activity	IEEE Student Branch	19-09-2019 00:00:00	22-09-2019 00:00:00	4	Within Campus	139	0	0	0	139	No	No
95	IoT Workshop	Innovation	Workshop	Student Lead Activity	IEEE Student Branch	12-10-2019 00:00:00	12-10-2019 00:00:00	1	Within Campus	20	0	0	0	20	No	No
96	Idea Pitch	Innovation	Ideation	Student Lead Activity	IEEE Student Branch	04-11-2019 00:00:00	04-11-2019 00:00:00	1	Within Campus	18	0	0	0	18	No	No
97	LaTeX Workshop	Innovation	Workshop	Institute Lead Activity	IEEE Student Branch	04-11-2019 00:00:00	04-11-2019 00:00:00	1	Within Campus	21	0	0	0	21	No	No
98	Project R	Innovation	Ideation	Student Lead Activity	IEEE Student Branch	05-11-2019 00:00:00	05-11-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No
99	Talk on Bioinformatics	Innovation	Motivational speak	Student Lead Activity	IEEE Student Branch	18-11-2019 00:00:00	18-11-2019 00:00:00	1	Within Campus	30	0	0	0	30	No	No

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

100	ANDROID AND IOS APPLICATION DEVELOPMENT USING FLUTTER SYSTEM	Innovation	Training	Institute Lead Activity	IEEE Student Branch	29-01-2020 00:00:00	31-01-2020 00:00:00	3	Within Campus	52	0	0	0	52	No	No
101	SEMINAR ON RECENT TRENDS IN ELECTRIC VEHICLES & BATTERY TECHNOLOGY, ECO-DRIVING PRINCIPLES AND PUBLIC TRANSPORT SYSTEMS	Innovation	Seminar	Institute Lead Activity	IEEE Student Branch	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	100	0	0	0	100	No	No
102	NANOTECHNOLOGY IN DAILY LIFE	Innovation	Seminar	Institute Lead Activity	IEEE Student Branch	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	35	0	0	0	35	No	No
103	"Untitled.psd"-Graphic Design Workshop	Innovation	Workshop	Institute Lead Activity	IEEE Student Branch	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	52	0	0	0	52	No	No
104	PRATHIJWAL" Women in the Changing World"	Innovation	Awareness	Institute Lead Activity	IEEE Student Branch	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	52	0	0	0	52	No	No
105	HerStory	Innovation	Awareness	Institute Lead Activity	IEEE Student Branch	09-03-2020 00:00:00	09-03-2020 00:00:00	1	Within Campus	64	0	0	0	64	No	No
106	Competitive Programming in C++	Innovation	Training	Student Lead Activity	IEEE Student Branch	22-03-2020 00:00:00	28-03-2020 00:00:00	7	Within Campus	36	0	0	0	36	No	No
107	Introduction to Robotic Control	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering Department	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	23	43	0	0	66	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	Startup i3	Entrepreneurship/Startup	Ideation	KMEA College of Engineering and Technology, Edathala	Educational Institute	02-08-2019 00:00:00	02-08-2019 00:00:00	1	200	50	250	No	---	---	No	No
2	Startup and Incubation	Entrepreneurship/Startup	Motivational speak	VJCET, Vazhakulam	Educational Institute	26-04-2019 00:00:00	26-04-2019 00:00:00	1	150	10	160	No	---	---	No	No
3	Shell Eco Marathon India 2019	Innovation	Innovation Contest	Shell Technology Centre, Banglore	Corporate / Industry Association	20-11-2019 00:00:00	22-11-2019 00:00:00	3	4	1	5	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 61000	No
4	Three day workshop on Raspberry PI and Python Based Automation System Design at IIT Delhi	Innovation	Workshop	IIT Delhi	Educational Institute	03-11-2019 00:00:00	05-11-2019 00:00:00	3	8	0	8	No	---	---	No	No
5	Two day Workshop on Ideation and Lateral Thinking	Entrepreneurship/Startup	Workshop	Atal Incubation Centre-JITF in association with Adi Shankara TBI	Educational Institute	11-11-2019 00:00:00	12-11-2019 00:00:00	2	4	0	4	No	---	---	No	No
6	Faculty Development Program	IPR	Skill development	IIT Kanpur	Educational Institute	04-02-2020 00:00:00	14-03-2020 00:00:00	40	0	1	1	No	---	---	No	No
7	ISA-B Automation Boot Camp 2019 at Kochi	Entrepreneurship/Startup	Orientation Session	ISA BANGALORE in association with CONSYST Technologies	Non-Govt. Agencies	02-07-2019 00:00:00	03-07-2019 00:00:00	2	8	2	10	No	---	---	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

8	Workshop on PLC and DCS by YOKOGAWA India Ltd.	Entrepreneurship/Startup	Workshop	YOKOGAWA India Ltd.	Corporate / Industry Association	16-09-2019 00:00:00	20-09-2019 00:00:00	5	60	5	65	No	---	---	No	No
9	ISA Bangalore Sub Section Faculty Advisors and Student Leaders Meet	Entrepreneurship/Startup	Seminar	ISA BANGALORE	International Agencies	09-07-2019 00:00:00	09-07-2019 00:00:00	1	3	1	4	No	---	---	No	No
10	The workshop conducted by the Sustainable Development Forum (SDF) of the Institution of Engineers at IEI bhavan, Kochi	Entrepreneurship/Startup	Workshop	Institution of Engineers	Non-Govt. Agencies	25-01-2020 00:00:00	25-01-2020 00:00:00	1	15	6	21	No	---	---	No	No
11	Bio medical Imaging	Innovation	Workshop	Siemens India	Corporate / Industry Association	24-04-2019 00:00:00	26-04-2019 00:00:00	3	0	1	1	No	---	---	No	No
12	VLSI Testing	Innovation	Workshop	Tessolve Semiconductors	Corporate / Industry Association	06-05-2019 00:00:00	10-05-2019 00:00:00	5	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 10000	No
13	Free and Open Source Geospatial Technologies for Natural Resources Management	Innovation	Workshop	IISC Banglore	Educational Institute	27-05-2019 00:00:00	31-05-2019 00:00:00	5	0	2	2	No	---	---	No	No
14	Recent Trends in Sustainable and Renewable Energy Sources	Innovation	Workshop	Vidya Academy of Science and Technology, Thrissur.	Educational Institute	24-06-2019 00:00:00	28-06-2019 00:00:00	5	0	2	2	No	---	---	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

15	MATLAB Project course	Innovation	Training	Ramaiah institute of technology, Bangalore	Educational Institute	08-07-2019 00:00:00	14-07-2019 00:00:00	7	0	1	1	No	---	---	No	No
16	DSP and its applications	Innovation	Training	Sahrdaya College of engineering, Kodakara	Educational Institute	25-07-2019 00:00:00	27-07-2019 00:00:00	3	0	3	3	No	---	---	No	No
17	Industry Interaction Programme with BSNL	Innovation	Training	BSNL, Kochi	Corporate / Industry Association	28-08-2019 00:00:00	28-08-2019 00:00:00	1	0	1	1	No	---	---	No	No
18	Foreign Technical Immersion Program 2019	Innovation	Training	Sarawak campus in Malaysia	Educational Institute	09-09-2019 00:00:00	16-09-2019 00:00:00	8	0	1	1	No	---	---	No	No
19	Colloquium on ML with Signal Processing for Data Analytics	Innovation	Seminar	CUSAT	Educational Institute	27-09-2019 00:00:00	28-09-2019 00:00:00	2	0	3	3	No	---	---	No	No
20	Recent research and application trends in underwater sensor technologies	Innovation	Workshop	CUSAT	Educational Institute	11-12-2019 00:00:00	13-12-2019 00:00:00	3	0	1	1	No	---	---	No	No
21	Recent Trends and Innovations in Biomedical Engineering	Innovation	Skill development	Rajadhani Institute Of Engineering And Technology	Educational Institute	24-07-2019 00:00:00	28-07-2019 00:00:00	5	0	1	1	No	---	---	No	No
22	Data Science and Deep Learning	Innovation	Skill development	R. V. College of Engineering Bangalore	Educational Institute	15-07-2019 00:00:00	26-07-2019 00:00:00	12	0	1	1	No	---	---	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

23	Machine Learning, Artificial Intelligence and Deep Learning	Innovation	Skill development	K J Somaiya Institute of Engineering and Information Technology	Educational Institute	24-07-2019 00:00:00	29-07-2019 00:00:00	6	0	1	1	No	---	---	No	No
24	Information and Network Security Challenges	Innovation	Skill development	SCMS, Karukutty	Educational Institute	01-07-2019 00:00:00	05-07-2019 00:00:00	5	0	8	8	No	---	---	No	No
25	Outcome based Education and ICT Enabled Innovative Teaching Learning	Innovation	Skill development	Marian College, Kuttikanam	Educational Institute	24-01-2020 00:00:00	25-01-2020 00:00:00	2	0	2	2	No	---	---	No	No
26	HPC, AI and Edge computing	Innovation	Skill development	FISAT,Angamaly	Educational Institute	06-01-2020 00:00:00	07-01-2020 00:00:00	2	0	4	4	No	---	---	No	No
27	Data Science	Innovation	Skill development	CUSAT	Educational Institute	27-01-2020 00:00:00	31-01-2020 00:00:00	5	0	1	1	No	---	---	No	No
28	Artificial Intelligence for all	Innovation	Workshop	IIITDM, Kancheepuram	Educational Institute	17-07-2019 00:00:00	21-07-2019 00:00:00	5	0	1	1	No	---	---	No	No
29	Congress De Emprendimiento 2019	Innovation	Boot camp	College of Engineering Adoor	Educational Institute	19-04-2019 00:00:00	19-04-2019 00:00:00	1	150	20	170	No	---	---	No	No
30	OTLET(Trust your crazy ideas)	Innovation	Boot camp	Ilahia College of Engineering and Technology, Muvattupuzha	Educational Institute	22-04-2019 00:00:00	22-04-2019 00:00:00	1	100	20	120	No	---	---	No	No

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

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	Internet of Things	Innovation	Short term Course	Short Term Certificate Course	Electrical and Electronics department in association with PACE Lab	15-07-2019	19-07-2019	5	Offline	42	30
2	Training on Electrical Revit MEP	Innovation	Short term Course	Short Term Certificate Course	Electrical and Electronics department in association with KKM software Chennai	24-07-2019	30-07-2019	7	Offline	40	36
3	Training on IoT	Innovation	Short term Course	Short Term Certificate Course	Electrical and Electronics department in association with KKM softwares Chennai	01-08-2019	05-08-2019	5	Offline	40	30
4	Solar Training Program (SETP) for Graduate Engineers	Innovation	Short term Course	Diploma	Energy conservation society and Adi Shankara Institute of Engineering and Technology Kalady	01-08-2019	31-12-2019	153	Offline	15	300
5	Hands on Workshop on Electric Vehicle Drive Design	Innovation	Short term Course	Short Term Certificate Course	Electrical and Electronics department	13-01-2020	17-01-2020	5	Offline	46	30
6	Training on Electrical Revit MEP	Innovation	Short term Course	Short Term Certificate Course	Electrical and Electronics department in association with KKM softwares Chennai	13-01-2020	18-01-2020	6	Offline	30	36
7	Training on IoT	Innovation	Short term Course	Short Term Certificate Course	Electrical and Electronics department in association with KKM softwares Chennai	20-01-2020	24-01-2020	5	Offline	30	30
8	Python Programming	Innovation	Short term Course	Short Term Certificate Course	Electronics and Communication Engg	24-06-2019	29-06-2019	6	Offline	87	30
9	Electronic Circuit Design	Innovation	Short term Course	Short Term Certificate Course	Electronics and Communication Engg	27-09-2019	01-10-2019	5	Offline	95	30
10	App Development workshop using Flutter	Innovation	Short term Course	Short Term Certificate Course	Electronics and Communication Engg	28-01-2020	05-02-2020	9	Offline	78	30

11	NI Labview and USRP	Innovation	Short term Course	Short Term Certificate Course	Electronics and Communication Engg	28-01-2020	05-02-2020	9	Offline	84	30
12	Training course of project management software Primavera P6 Professional R16	Innovation	Short term Course	Short Term Certificate Course	Autodesk	06-01-2020	10-01-2020	5	Offline	50	48
13	Design software training course on STAAD Pro	Innovation	Short term Course	Short Term Certificate Course	Civil Engineering Dept and Autodesk	13-01-2020	18-01-2020	6	Offline	45	48

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	Innovations And Challenges In Microgrid	Entrepreneurship/Startup	FDP in I&E / IPR	Innovation and Entrepreneurship Development Centre(IEDC)	14-02-2019	18-02-2019	5	Offline	35	30
2	Block chain	Innovation	FDP in I&E / IPR	Electrical and Electronics Department and Computer science department	09-12-2019	13-12-2019	5	Offline	60	30
3	Industry 4 point 0	Innovation	FDP in I&E / IPR	Electronics and Communication Engineering	17-06-2019	21-06-2019	5	Offline	55	30

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	Ajay Basil Varghese	Entrepreneurship Development Institute of India Ahamadabad	Nodal Officer of Adi Shankara IEDC and TBI	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
FDP on Young Innovators Programme - Facilitators Workshop	Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	Kerala Development and Innovation Strategic Council (K-DISC) and ICT Academy	Govt. Agency (State)	13-02-2020 00:00:00	14-02-2020 00:00:00	2	Offline
Enlight 2020- ED Club enhancement program	Entrepreneurship/Startup	EDP in I&E, IPR	Department of Industries and Commerce	Govt. Agency (State)	29-01-2020 00:00:00	30-01-2020 00:00:00	2	Offline
Workshop on Personal Entrepreneurial Characterstics	Entrepreneurship/Startup	Short term Certificate	Kerala Institute for Entrepreneurship Development(KIED)	Govt. Agency (State)	05-06-2019 00:00:00	08-06-2019 00:00:00	4	Offline
Workshop on Digital Marketing Foundation for Businesses and Startups	Entrepreneurship/Startup	Employment Generation Training Programs	Atal Incubation Centre- JITF	Corporate / Industry Association	04-04-2019 00:00:00	06-04-2019 00:00:00	3	Offline

2	Anuroop K B		Fablab Incharge		Assistant Professor ECE Dept		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
YIP Innovation Program	Innovation	FDP in I&E, IPR	KDISC	Govt. Agency (State)	13-02-2020 00:00:00	14-02-2020 00:00:00	2	Offline
Microprocessor Challenge Mentoring Program	Innovation	Short term Certificate	CDAC	Govt. Agency (Central)	12-04-2020 00:00:00	12-04-2020 00:00:00	1	Online
Faculty Entrepreneurship Program	Entrepreneurship/Startup	FDP in I&E, IPR	IEDC ASIET	Educational Institute	04-04-2019 00:00:00	04-04-2019 00:00:00	1	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	IEDC(Innovation and Entrepreneurship Development Centre)	Innovation Club	2015	Co-working Space	Pre-Incubation Unit	20	K Sidharth	sidharthcgnr12@gmail.com	9188205328
2	Technology Business Incubator	Startup Club	2019	Work Stations	Incubation Unit	8	Vrindha Vinod	achukrishnaachu3@gmail.com	8547787239
3	Fab Lab	Idea Club	2016	3D Printing	Innovation Labs,Centre of Excellence with Advance Tools	10	Anuroop K B	anuroop.ec@adishankara.ac.in	9544069905
4	IIC Cell	Innovation Club	2019	None	Innovation Labs	10	Narayanan Seshan	kashyapseshan@gmail.com	7306471701

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?

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)

1	Adi Shankara IEDC Bootcamp	IEDC	2015	Co-working Space	Student Clubs	Student Clubs	Facility Incharge Name: Ajay Basil Varghese / Facility Incharge Email: iedc@adishankara.ac.in / Facility Incharge Phone: 9995103073	2	Yes	Yes / Total Annual Income from Training and Skill Development Services (In Rupees): 0 / Total Annual Income from (Technical and Business) Mentoring Services (In Rupees): 204000 / Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees): 0	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 Startup Mission	Govt. Agency (State)	250000

2	IIC Cell	Innovation Centre	2019	None	Student Clubs	Student Clubs	Facility Incharge Name: Dr. Ragesh G K / Facility Incharge Email: hod.ec@adishankara.ac.in / Facility Incharge Phone: 9447539622	8	No	No	No

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)

3	FAB Lab	Maker's Space	2017	Co-working Space,3D Printing & Prototype Equipment	Innovation Labs,IPR Cell/Technology Transfer Centre	Innovation Labs,IPR Cell/Technology Transfer Centre		6	Yes	Yes		Yes
							Facility Incharge Name	Mr. Anuroop K B					
							Facility Incharge Email	anuroop.ec@adishankara.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	100000	
							Facility Incharge Phone	9544069905			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	700000	
											Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	50000	

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 STARTUP MISSION	Govt. Agency (State)	500000
Institute's Own Fund / Resource	ADI SHANKARA INSTITUTE OF ENGINEERING AND TECHNOLOGY	Educational Institute	600000
Funding Agency	KSIDC	Govt. Agency (State)	500000

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/Management 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?

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

1	Texas Instruments Sponsored IoT Innovation Lab	2020	Incubation Unit,Innovation Labs,IPR Cell/Technology Transfer Centre	Texas Instruments	Facility Incharge Name: Dr. Ragesh G K Facility Incharge Email: hod.ec@adishankara.ac.in Facility Incharge Phone: 9447539622	5	No	No	No
2	AICTE-MODROBS Sponsored Advanced Communication System	2019	Incubation Unit,Innovation Labs	AICTE-MODROBS	Facility Incharge Name: Mr. Ajay Kumar Facility Incharge Email: ajay.ec@adishankara.ac.in Facility Incharge Phone: 9846900310	5	No	No	No
3	Intel Intelligent Systems Lab	2016	Incubation Unit,Innovation Labs	FICE Technologies	Facility Incharge Name: Mr. Albins Paul Facility Incharge Email: albins.ec@adishankara.ac.in Facility Incharge Phone: 9495129696	4	No	No	No
4	KKMsoft Autodesk Certified Lab	2019	Incubation Unit,Innovation Labs	KKMsoft pvt Ltd	Facility Incharge Name: Mr. Sreehari S Facility Incharge Email: sreehari.eee@adishankara.ac.in Facility Incharge Phone: 8921541654	4	No	No	No

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

5	AICTE MODROBS Sponsored Multimedia Research Lab	2019	Pre-Incubation,Innovation Labs	AICTE MODROBS	Facility Incharge Name: DR. Manish T I Facility Incharge Email: manish.cs@adishankara.ac.in Facility Incharge Phone: 9562068891	6	No	No	No
6	Yokagawa Sponsored Industrial Automation Lab	2016	Pre-Incubation,Innovation Labs	Yokagawa India Limited	Facility Incharge Name: Mr. Ranjeesh R Chandran Facility Incharge Email: ranjeesh.ae@adishankara.ac.in Facility Incharge Phone: 9048764276	4	No	No	No
7	IoT and Cloud Research Lab	2020	Innovation Labs,IPR Cell/Technology Transfer Centre	ICFOSS , Government of Kerala	Facility Incharge Name: Mr. Aja Basil Varghese Facility Incharge Email: ajay.it@adishankara.ac.in Facility Incharge Phone: 9995103073	5	No	No	No

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?

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

| 1 | Adi Shankara Technology Business Incubator | 2020 | Pre-Incubation | Business Incubation Centre Fund- Kerala State Industrial Development Coorperation | Facility Incharge Name: Ajay Basil Varghese
Facility Incharge Email: tbi@adishankara.ac.in
Facility Incharge Phone: 9995103073 | 2 | Yes | Yes
Total Annual Income from Training and Skill Development Services (In Rupees): 0
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees): 0
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees): 400000 | Yes |

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
Funding Agency	Kerala State Industrial Development Cooperation (KSIDC)	Govt. Agency (State)	500000

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park 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 Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
1	Adi Shankara Skill Kendra	2020	Innovation Labs,Centre of Excellence with Advance Tools,Student Clubs		Facility Incharge Name: Dr. Jacob George Facility Incharge Email: assocdirector_tac@adishankara.ac.in Facility Incharge Phone: 8943221740	3	No	No	No

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	Name of the Funding Schemes Available with	Facility Details	Total Nos of Dedicated Executive/Management team	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation	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

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

			Other I&E Facilities at the HEI	IPR Cell/Technology Transfer Centre, if any (Optional)			Strength Engaged at the Facility	Development and implementation during the Financial Year 2019-20?		up/Venture Development and implementation during the Financial Year 2019-20?
1	IPR Cell at ASIET	2020	Incubation Unit,Innovation Labs,Student Clubs		Facility Incharge Name	Dr. Ragesh G K	5	No	No	No
					Facility Incharge Email	hod.ec @adis hankar a.ac.in				
					Facility Incharge Phone	94475 39622				

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	Ajay Basil Varghese	Nodal Officer of Adi Shankara IEDC and TBI	Entrepreneurship/Startup Development	6

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Machbee Innovations pvt ltd	Within	U31100KL2020PTCO65832
RIOD Logic Pvt Ltd	Within	U74999KL2018PTC052767
Tequard Labs Pvt Ltd	Within	U72900KL2019PTC059160

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
2	Anuroop K B	Assistant Professor ECE Dept	Idea/Innovation Development	6

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

Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
Baltemgyrate	Within	
Tequard Labs Pvt Ltd	Within	U72900KL2019PTC059160
Rozenbridge Inspired Simulations Pvt Ltd	Outside	
Pyxis	Within	
Protekpollz	Within	
Eduwizard	Within	
Flame Off	Within	
Pronetin	Within	
VEMP	Within	
ASegurar Vida	Within	
Egg Incubator - From E Waste	Within	
Egg Incubator	Outside	

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	Mr. Sherin Samuel, Head, TBI-AmalJyothi Engineering College	Idea/Innovation Development	Structured Mentorship

Structured Mentorship Program Name	Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
APJ Abdul Kalam Innovation Challenge	26-04-2019	17-06-2019	53	15	300	Innovation/Prototype
Micro Project Challenge	01-05-2019	03-05-2019	3	5	150	Innovation/Prototype

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
2	Michael Mathews, Technical Officer, Future Technologies Lab, Kerala Startup Mission	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
3	Mr. Byju Nedugeri, Head, Agropark, Piravom	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
4	Dr. Saji Gopinath, CEO, Kerala Startup Mission	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
5	Mr. Sivan Ambatt, Professor, EDII Ahmedabad	Idea/Innovation Development,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	Jeeva vaayu (emergency ventitator)	Product Innovation	Technological	Adi Shankara TBI	Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Adopted and Implemented at Ground	Agency Name: Kerala Startup Mission; Agency Type: Govt. Agency (State); Award / Position / Recognition Secured: Production Fund	Yes	Grant Amount in Rs 100000	Yes	Amount Received in Rs. 300000

Name	Type	Gender	Email	Contact
Ajay Basil Varghese	Faculty	Male	tbi@adishankara.ac.in	9995103073

Name	Type	Gender	Email	Contact
Akhil Joy	Alumni Entrepreneur	Male	akhil.joy@riod.in	8547368156

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	Recognition	Venture	Financial support	Seed fund	Income/revenue
2	Zero Discharge Sea Water To Drinking Water System	Product Innovation	Technological	Adi Shankara IEDC	Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	No	No	No	No	No

Name	Type	Gender	Email	Contact
Dr. P. Jenopaul	Faculty	Male	jeno.eee@adishankara.ac.in	9994535471

Name	Type	Gender	Email	Contact
Bahath	Student	Male	bahatbhagath916@gmail.com	9539291810

| 3 | Anti Mosquito Capsule for Travelers | Product Innovation | Technological | Adi Shankara IEDC | Student-Faculty | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). | TRL 7 : Demonstration system operating in operational environment at pre-commercial scale. | Innovation Development Completed | No | No | No | No | No |

Name	Type	Gender	Email	Contact
Dr.P.Jenopaul	Faculty	Male	jeno.eee@adishankara.ac.in	9994535471

Name	Type	Gender	Email	Contact
Amina	Student	Female	aminasah208@gmail.com	8075690644

| 4 | Electric Vehicle 350 W | Product Innovation | Technological | Adi Shankara IEDC | Faculty | TRL 2 : Technology formulation. Concept and application have been formulated. | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). | Innovation Development Ongoing | No | No | Grant Amount in Rs 100000 | No | No |

Name	Type	Gender	Email	Contact
Dr. Tony George	Faculty	Male	tony.eee@adishankara.ac.in	9946519016

Name	Type	Gender	Email	Contact
Dr. Jeno Paul	Faculty	Male	jeno.eee@adishankara.ac.in	9994535471

| 5 | IoT base Plant Monitoring System | Product Innovation | Technological | | Student-Faculty | TRL 0 : Idea. Unproven concept, no testing has been performed. | TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype). | Innovation Development Completed | No | No | Grant Amount in Rs 15000 | No | No |

Name	Type	Gender	Email	Contact
Prof. Ajay Kumar	Faculty	Male	ajay.ec@adishankara.ac.in	9846900310

Name	Type	Gender	Email	Contact
Ms. Krishna Balachandran	Student	Female	krishnabalachandran@gmail.com	9495129696

#	Title	Innovation Type	Category		Innovator Type	TRL Current	TRL Future	Status	Agency Info	Recognition	Grant		External 1	External 2
6	IoT based Smart inhaler	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs	3000	No	No

Name	Type	Gender	Email	Contact
Akshay Mohan	Student	Male	akshaymohan880@gmail.com	9061818550

Name	Type	Gender	Email	Contact
Abhishek S Dinil	Student	Male	abhi59814@gmail.com	9567994366

#	Title	Innovation Type	Category		Innovator Type	TRL Current	TRL Future	Status	Agency Info	Recognition	Grant		External 1	External 2
7	Doily	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs	2600	No	No

Name	Type	Gender	Email	Contact
Gayathri G Shenoy	Student	Female	gayathrigshenoy1998@gmail.com	9495187303

Name	Type	Gender	Email	Contact
Don Davis	Student	Male	dondavis0001@gmail.com	9446071131

#	Title	Innovation Type	Category		Innovator Type	TRL Current	TRL Future	Status	Agency Info	Recognition	Grant		External 1	External 2
8	Baltemgyrate	Product Innovation	Technological		Student-Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	Agency Name: Kerala Startup Mission; Agency Type: Govt. Agency (State); Award / Position / Recognition Secured: Production Fund	Yes	Grant Amount in Rs	10000	No	No

Name	Type	Gender	Email	Contact
Anuroop K B	Faculty	Male	anuroop.ec@adishankara.ac.in	9544069905

Name	Type	Gender	Email	Contact
Abhinav Subhash	Student	Male	abhinavsubhash007@gmail.com	9446355925

| 9 | Isolation enhancement in multi antenna systems used for 5G systems using metamaterials | Product Innovation | Technological | | Faculty | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | TRL 2 : Technology formulation. Concept and application have been formulated. | Innovation Development Ongoing | No | No | Grant Amount in Rs | 192000 | No | No |

Name		Type		Gender		Email		Contact	
Mr. Sreerag M		Faculty		Male		sreerag.ec@adishankara.ac.in		9446090468	

Name	Type	Gender	Email	Contact	10

| Development of a smart portable IoT device for better diagnosis and control of asthma and COPD | Product Innovation | Technological | | Faculty | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | TRL 2 : Technology formulation. Concept and application have been formulated. | Innovation Development Ongoing | No | No | Grant Amount in Rs | 168662 | No | No |

Name		Type		Gender		Email		Contact		Name	Email
Ms. Arya Paul		Faculty		Male		arya.ec@adishankara.ac.in		9947337135			

| 11 | Implementation of a deep learning based waste segregation system using computer vision and Robotics | Product Innovation | Technological | | Faculty | TRL 1 : Basic research. Principles postulated and observed but no experimental proof available. | TRL 3 : Applied research. First laboratory tests completed ; proof of concept. | Innovation Development Ongoing | No | No | Grant Amount in Rs | 184500 | No | No |

Name		Type		Gender		Email		Contact	
Mr. Anuroop K B		Faculty		Male		anuroop.ec@adishankara.ac.in		9544069905	

Name	Type	Gender	Email	Contact	12

| | Implementation of an Autonomous Wireless Body Area Network (WBAN) For IoT Enabled Healthcare Applications Using Wearable Sensor Node with Solar Energy Harvesting | Product Innovation | Technological | | Faculty | TRL 3 : Applied research. First laboratory tests completed ; proof of concept. | TRL 6 : Prototype system tested in intended environment close to expected performance. | Innovation Development Completed | Agency Name: CERD-APJAKTU Kerala
Agency Type: Govt. Agency (State)
Award / Position / Recognition Secured: Research Seed Money Grant | No | Grant Amount in Rs: 114500 | Yes | Amount Received in Rs.: 6250 | |

Name	Type	Gender	Email	Contact	Name	Email
Dr Ragesh G K	Faculty	Male	ragesh.ec@adishankara.ac.in	9447539622		

| 13 | LIFE SAVVY: Wearable Flu-Sense Device | Product Innovation | Technological | | Faculty | TRL 2 : Technology formulation. Concept and application have been formulated. | TRL 3 : Applied research. First laboratory tests completed ; proof of concept. | Innovation Development Ongoing | Agency Name: MHRD, AICTE
Agency Type: Govt. Agency (Central)
Award / Position / Recognition Secured: MHRD SAMADHAN Mega Online Project Competition FINALIST, 2020 AND Selected amongst the top 80 social innovators for Youth Co Lab India 2020 | Yes | No | No | No |

Name	Type	Gender	Email	Contact
Dr. RAGESH G K	Faculty	Male	ragesh.ec@adishankara.ac.in	9447539622

Name	Type	Gender	Email	Contact
Mr. Anuroop K B	Faculty	Male	anuroop.ec@adishankara.ac.in	9544069905

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 Registerd 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	RIOD Logic Pvt Ltd	Product Innovation	Technological	389	Alumni	Venture with Corporate Identification Number (CIN) Registration — U31100KL2020PTCO65832	2017-18	Graduated from the Incubation unit	Agency Name — Kerala Startup Mission; Agency Type — Govt. Agency (State); Award / Position / Recognition Secured — Idea Grant		No	No	Amount Received in Rs. — 6600	Yes

Name	DIN number	Type	Gender	Email	Contact
Akhil joy	8103077	Alumni Entrepreneur	Male	akhil.joy@riod.in	8547368156
Deepu Joy	-	Alumni Entrepreneur	-	deepu@riod.in	8606340992

						Venture with Corporate Identification Number (CIN) Registration				Grant Amount in Rs	Loan/Investment Agency Name	Agency Type	Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2019-20 (in Rupees)	Amount Received in Rs.	
2	Machbee Innovations pvt ltd	Product Innovation	Technological	389	Alumni		U74999KL2018PTC052767	2019-20	Received Incubation Support from Incubation Unit	No	50000	AdiShankaraTrust	AdiShankaraTrust	AdiShankaraTrust	16000	No

						Date of Investment Raised	AdiShankaraTrust		

Name	DIN number	Type	Gender	Email	Contact
Rahul Mohan	8965512	Alumni Entrepreneur	Male	rahul.n.mohan96@gmail.com	8593015642
Hari Krishnan	-	Alumni Entrepreneur	Male	machbee.info@gmail.com	7594958919

3	Tequard Labs Pvt Ltd	Product Innovation	Technological	389	Alumni	Venture with Corporate Identification Number (CIN) Registration	U72900KL2019PTC059160	2018-19	Received Incubation Support from Incubation Unit	No	No	No	No	No

Name	DIN number	Type	Gender	Email	Contact
RICHARD MAROTTIKUDY JOY	8531502	Alumni Entrepreneur	Male	teqardlabs@gmail.com	9496516291
Saneeth	-	Alumni Entrepreneur	Male	teqardlabs@gmail.com	9645546443

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	Green bay	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	10-12-2019
2	Kerala Startup Mission	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation	4	17-12-2019
3	Atal Incubation Centre- JITF	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	1	18-09-2019
4	Kerala State Industrial Development Corporation	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	6	08-04-2019

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

No Data FIled!

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	Active house toilet gas safety exhaust system	201941027564	National	2019 - 07	Uploaded
	2	Modular axe	201941026737	National	2019 - 07
Uploaded		3	ANTI MOSQUITO BITE SUIT FOR TRAVELERS	201941031149	National
2019 - 08	Uploaded		4	Callow aiding mendable LED bulb	201941049858
National	2019 - 12	Uploaded		5	IoT Enabled Urban Environmental Monitoring With Wireless Sensor Network
201941053048	National	2019 - 12	Uploaded		6
Secure Method for Protecting the Sensitive Information of the Mobile Users	202041003464	National	2020 - 01	Uploaded	

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

Srno	Title/Name of IP	Type of IP	IP Registration Number	Current Status of IP as on 31st March 2020	Copy of IP screenshot
1	SMART COOKING STOVE	PatentsHoldByInnovations	WO/2020/20220	Published	Uploaded

	Applicant Name	Applicant Type	Start-up/Innovator Name
	Rahul Mohan and M Harikrishnan	Incubatee Startup	Smart Cooking Stove

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data FIled!

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. SURESH KUMAR V (Head of Institute) and Dr. RAGESH G K (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
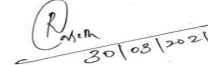
Thank you

The Head of Institute

Nodal officer

Dr. SURESH KUMAR V,
Head of the Institution,
AdiShankara Institute of Engineering
and Technology,
Kalady, Kerala

Dr. RAGESH G K,
Nodal Officer,
AdiShankara Institute of Engineering
and Technology,
Kalady, Kerala

Dr. SURESH KUMAR V
Head of the Institution,
Kalady, Kerala

Dr. RAGESH G K
Nodal Officer,
Kalady, Kerala

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