



ARIIA

ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Acharya Institute of Technology [ARI-C-1319]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Aeronautical Engineering	Academic Department with lab facility	Aeronautical Engineering	UG / PG / PhD	Technical	240	10	2
2	Biotechnology	Research Unit / Park	Biotechnology Engineering	UG / PG / PhD	Technical	97	7	2
3	chemistry	Research Unit / Park	chemistry	UG / PG / PhD	Technical	4	7	2
4	Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	417	28	12
5	Information Science and engineering	Industry Institute Interface Unit	Infosys Campus connect	UG / PG / PhD	Technical	395	17	4
6	Electrical and Electronics Engineering	Research Unit / Park	Electrical and Electronics Engineering	UG / PG / PhD	Technical	377	19	4
7	Electronics and communication Engineering	Research Unit / Park	Electronics and communication Engineering	UG / PG / PhD	Technical	482	24	6
8	Civil Engineering	Industry Institute Interface Unit	Civil Engineering	UG / PG / PhD	Technical	345	18	2
9	Automobile Engineering	Industry Institute Interface Unit	Automobile Engineering	UG / PG / PhD	Technical	185	7	1
10	Physics	Research Unit / Park	Physics	UG / PG / PhD	Technical	7	6	2
11	Mechatronics	Industry Institute Interface Unit	Mechatronics	UG / PG / PhD	Technical	200	9	1
12	Mining Engineering	Industry Institute Interface Unit	Mining Engineering	UG / PG / PhD	Technical	95	6	0
13	Computer Science and Engineering	Research Unit / Park	Computer Scienc eand engineering	UG / PG / PhD	Technical	495	25	5
14	Acharya MSME Incubation Center	Incubation Unit	Multidisciplinary	UG / PG / PhD	Both	12	7	0
15	ROBOTICS LAB	Industry Institute Interface Unit	ROBOTICS	At all level	Technical	200	1	1
16	Incubation Unit	Incubation Unit	all engineering and non engineering	UG / PG / PhD	Both	12	5	0

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

17	TEXAS INSTRUMENTS	Research Unit / Park	Embedded Systems	At all level	Technical	150	8	2
18	Information Science and Engineering	Academic Department with lab facility	Information Science and Engineering	UG / PG / PhD	Technical	395	17	4
19	MASTER OF BUSINESS ADMINISTRATION	Research Unit / Park	Multidisciplinary-Marketing, finance, HR	UG / PG / PhD	Non-Technical	373	19	2
20	MASTER OF BUSINESS ADMINISTRATION	Industry Institute Interface Unit	Multidisciplinary-Marketing, finance, HR	UG / PG / PhD	Non-Technical	373	19	2
21	CDAC-OIT LAB	Industry Institute Interface Unit	Computer Science and engineering	UG / PG / PhD	Technical	25	15	3
22	Research center Mechanical ENGINEERING	Research Unit / Park	Mechanical ENGINEERING	UG / PG / PhD	Technical	130	28	12

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 : IC201811189
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	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	Entrepreneurs' life & Cross road " also on "problem selection, implementation and marketing concerns of beginner"	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Department of Biotechnology and Department of Physics	30-11-2019 00:00:00	30-11-2019 00:00:00	1	Within Campus	350	10	0	0	360	No	No

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

2	Trends of Research to Unravel Science and Technology (TRUST)-2020	IPR	Workshop	Institute Lead Activity	Department of Biotechnology and Department of Physics	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	0	56	0	0	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	44860	No
3	Invited talk on "Intellectual Property Rights"	IPR	Awareness	Institute Lead Activity	Department of Electrical and Electronics Engineering	16-11-2019 00:00:00	16-11-2019 00:00:00	1	Within Campus	40	5	0	0	45	No	No	
4	Startups Bootcamps	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Acharya Technology and Business Incubation Centre	01-11-2019 00:00:00	10-12-2019 00:00:00	40	Within Campus	1200	174	0	0	1374	No	No	
5	Basics of startup ecosystem	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	Acharya Technology and Business Incubation Centre	31-10-2019 00:00:00	31-10-2019 00:00:00	1	Within Campus	10	2	6	0	18	No	No	
6	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Dept of Mechanical Engineering	22-04-2019 00:00:00	25-04-2019 00:00:00	4	Within Campus	100	5	0	0	105	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
7	Idea Propagation workshop to think on startup ideas, prototyping and seeking help from Investors	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Institution Innovation cell	17-02-2020 00:00:00	17-02-2020 00:00:00	1	Within Campus	50	0	0	0	50	No	No	

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

8	Solar Ambassador Workshop 2019- "IITBombayX: SSA 101x Hands-on training on Solar Study Lamp Assembly"	Innovation	Skill development	Institute Lead Activity	Department of Electrical and Electronics Engineering	11-04-2019 00:00:00	19-04-2019 00:00:00	9	Within Campus	324	3	0	0	327	No	No
9	Idea Presentation Competition	Entrepreneurship/Startup, Innovation	Seminar	Student Lead Activity	Science forum	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	30	0	0	0	30	No	No
10	Design aspects and project presentation with Engineering Drawing-Visualize to Materialize	Innovation	Exhibition	Institute Lead Activity	Department of Mechanical Engineering	25-11-2019 00:00:00	25-11-2019 00:00:00	1	Within Campus	50	0	0	0	50	No	No
11	Artificial Intelligence (IA) and Internet of Things (IoT) in Aerospace and Defense Industry and the way forward	Innovation	Motivational speak	Student Lead Activity	Department of Aeronautical Engineering	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	78	14	0	0	92	<div style="background-color: #002060; color: white; padding: 5px; text-align: center;"> Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) </div> 3193	No
12	How to become Entrepreneur	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of MBA	28-12-2019 00:00:00	28-12-2019 00:00:00	1	Within Campus	70	0	0	0	70		No
13	Seminar on Internship, Innovation and Startup	Innovation	Seminar	Institute Lead Activity	Department of Mechatronics	30-12-2019 00:00:00	30-12-2019 00:00:00	1	Within Campus	70	0	0	0	70	No	No
14	Industrial Visit to Air India Engineering Service Limited	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Department of Aeronautical Engineering	14-11-2019 00:00:00	14-11-2019 00:00:00	1	Outside Campus	50	0	0	0	50	No	No

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

15	Activity on mentoring groupwise startup idea	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Institution innovation cell	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	66	0	0	0	66	No	No
16	Environment, rural Development and Entrepreneurship	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Institution Innovation cell	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	40	0	0	0	40	No	No
17	Research, Innovation and publication using modern tools	Innovation	Seminar	Institute Lead Activity	Department of Biotechnology and Department of Physics	05-02-2020 00:00:00	05-02-2020 00:00:00	1	Within Campus	70	0	0	0	70	No	No
18	IPR and patenting innovations in India	IPR	Seminar	Institute Lead Activity	Department of Biotechnology and Department of physics	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	70	0	0	0	70	No	No
19	Methods, Tools & Need of Entrepreneurship	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Information science	13-02-2020 00:00:00	13-02-2020 00:00:00	1	Within Campus	25	2	0	0	27	No	No
20	Recent trend in solar and PV cells and its applications	Innovation	Awareness	Institute Lead Activity	Department of Electrical and Electronics	27-01-2020 00:00:00	31-01-2020 00:00:00	5	Within Campus	0	19	0	0	19	No	No
21	Summer school on "python programming, embedded system and IOT"	Innovation	Skill development	Institute Lead Activity	Department of Electronics and communication Engineering in association with Opencube labs.	10-07-2019 00:00:00	23-07-2019 00:00:00	14	Within Campus	50	8	0	4	62	<div style="border: 1px solid black; padding: 5px;"> Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) </div>	No
													50440			
22	Winter school on "Practical foundation for Machine learning and OpenCV"	Innovation	Skill development	Institute Lead Activity	Department of Electronics and communication Engineering in association with Sand Logic	16-01-2020 00:00:00	25-01-2020 00:00:00	10	Within Campus	60	7	0	4	71	No	No

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

23	Innovation Contest and Project Exhibition	Innovation	Innovation Contest	Institute Lead Activity	Institution innovation cell	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	50	0	0	0	50	No	No						
24	Workshop on Startup	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Master of Business Administration	13-12-2019 00:00:00	13-12-2019 00:00:00	1	Within Campus	75	0	0	0	75	No	No						
25	Hands on training on electric vehicles charging scheme and battery management system using MATLAB	Innovation	Workshop	Institute Lead Activity	Department of Electrical and Electronics	13-04-2019 00:00:00	13-04-2019 00:00:00	1	Within Campus	40	5	0	0	45	No	No						
26	Internet of things(IOT) using Raspberry Pi	Innovation	Workshop	Institute Lead Activity	Department of Electrical and Electronics	28-09-2019 00:00:00	30-09-2019 00:00:00	3	Within Campus	45	0	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35182	No					
27	Project Exhibition on Applications of 8051 microcontroller	Innovation	Innovation Contest	Institute Lead Activity	Department of Electrical and Electronics	02-12-2019 00:00:00	02-12-2019 00:00:00	1	Within Campus	53	0	0	0	53	No	No						
28	IBM Call for Code 2020-Hackathon	Innovation	Hackathon	Institute Lead Activity	IBM and Department of Computer science	28-02-2020 00:00:00	29-02-2020 00:00:00	2	Within Campus	220	0	0	0	220	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Top 3 hackathon winners</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>NA</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Top 3 hackathon winners	Title of Innovation / Start-up Secured the Award / Recognition	NA	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Top 3 hackathon winners																					
Title of Innovation / Start-up Secured the Award / Recognition	NA																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					

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)	Program Theme	Program Type	Organizing Agency / Institute	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of	Awards/Recognitions/Achievements	Award / Position / Recognition	Title of Innovation / Start-up	Had institute spent expenses either from own resource/ received fund towards sending	Did any of the participants received any awards/recognition for startup / innovation ideas /
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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

	Name)		Name								Participa nts	ements	on Secured	up Secured the Award / Recogniti on	delegation to participate / represent the activity /event?	research						
1	AICTE-UKIERI Technical Leadership Development Program	Entrepreneurship/Startup	Training	AICTE-UKIERI, Corporate Management Institute	Govt. Agency (Central)	01-04-2019 00:00:00	31-03-2020 00:00:00	36	0	3	3	No	---	---	No	No						
2	AICTE-Chhatra Vishwakarma Awards 2019	Innovation	Innovation Contest	AICTE	Govt. Agency (Central)	24-12-2019 00:00:00	24-12-2019 00:00:00	1	4	1	5	Yes	Participation	How to enhance the income of village	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Participation</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>How to enhance the income of village</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Participation	Title of Innovation / Start-up Secured the Award / Recognition	How to enhance the income of village	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Participation																					
Title of Innovation / Start-up Secured the Award / Recognition	How to enhance the income of village																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
3	IEEE PROJECT EXPO-2019	Innovation	Innovation Contest	IEEE, GSSIT, Mysore	Educational Institute	29-04-2019 00:00:00	29-04-2019 00:00:00	1	1	1	2	Yes	Participation	UAV Health Monitoring Systems	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Participation</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>UAV Health Monitoring Systems</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Participation	Title of Innovation / Start-up Secured the Award / Recognition	UAV Health Monitoring Systems	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Participation																					
Title of Innovation / Start-up Secured the Award / Recognition	UAV Health Monitoring Systems																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
4	WING - Women Rise Together	IPR	Boot camp	Startup India	Govt. Agency (State)	06-03-2020 00:00:00	07-03-2020 00:00:00	2	103	10	113	No	---	---	No	No						

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

5	CII meet on Innovation and people at Volvo construction equipment	Entrepreneurship/Startup	Conference	Volvo construction equipment, Bengaluru	Corporate / Industry Association	30-05-2019 00:00:00	30-05-2019 00:00:00	1	20	1	21	Yes	Recognition secured	participation certificate	No	Award / Position / Recognition Secured	Recognition secured
																Title of Innovation / Start-up Secured the Award / Recognition	participation certificate
																Award/Recognition/Achievement Received for	Novel Research Paper/Work
6	MSME Panel meeting on MSME and Startups Problems and issues	Entrepreneurship/Startup	Conference	CII, Indiranagar	Corporate / Industry Association	12-06-2019 00:00:00	12-06-2019 00:00:00	1	20	1	21	Yes	Recognition secured	Participation certificate	No	Award / Position / Recognition Secured	Recognition secured
																Title of Innovation / Start-up Secured the Award / Recognition	Participation certificate
																Award/Recognition/Achievement Received for	Novel Research Paper/Work
7	Women entrepreneurship day	Entrepreneurship/Startup	Conference	FKCCI, Bengaluru	Corporate / Industry Association	19-11-2019 00:00:00	19-11-2019 00:00:00	1	20	1	21	Yes	Recognition secured	participation certificate	No	Award / Position / Recognition Secured	Recognition secured
																Title of Innovation / Start-up Secured the Award / Recognition	participation certificate
																Award/Recognition/Achievement Received for	Novel Research Paper/Work

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

8	People Leader Summit-Transforming the thinking, creating high impact people organisation	Entrepreneurship/Startup	Workshop	Dun and Bradstreet, SAP, ITC Windsor Manor, Bengaluru	Corporate/Industry Association	12-07-2019 00:00:00	12-07-2019 00:00:00	1	20	1	21	Yes	Recognition secured	Participation certificate	No	Award / Position / Recognition Secured	Recognition secured
																Title of Innovation / Start-up Secured the Award / Recognition	Participation certificate
																Award/Recognition/Achievement Received for	Novel Research Paper/Work
9	Entrepreneurship Workshop- How to Start a Business	Entrepreneurship/Startup	Orientation Session	Acharya polytechnic	Educational Institute	30-09-2019 00:00:00	30-09-2019 00:00:00	1	20	1	21	No	---	---	No	No	No
10	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Conference	Jain University, Bengaluru	Educational Institute	12-11-2019 00:00:00	12-11-2019 00:00:00	1	20	1	21	Yes	Recognition secured	Participation certificate	No	Award / Position / Recognition Secured	Recognition secured
																Title of Innovation / Start-up Secured the Award / Recognition	Participation certificate
																Award/Recognition/Achievement Received for	Novel Research Paper/Work

Section 2 > i : 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	Management and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Electronics and Communication	01-08-2019	30-11-2019	122	Offline	120	52
2	Management and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Electrical and Electronics	01-08-2019	30-11-2019	122	Offline	120	50
3	Management and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Mechtronics	01-08-2019	30-11-2019	122	Online	60	50

4	Management and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Aeronautical	01-08-2019	30-11-2019	122	Offline	65	50
5	Management and Entrepreneurship for IT Industry	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of computer science and Engineering	01-08-2019	25-11-2019	117	Offline	120	50
6	Management and Entrepreneurship for IT Industry	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Information science	01-08-2019	25-11-2019	117	Offline	120	50
7	Management and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Mechanical	01-02-2019	25-05-2019	114	Offline	120	50
8	BIOBUSINESS AND ENTREPRENEURSHIP	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Biotechnology	01-08-2019	25-11-2019	117	Offline	30	50
9	REGULATORY AFFAIRS IN BT INDUSTRY	IPR	Elective/Core Credit Course	Credit Course (Elective)	Department of Biotechnology	01-02-2020	25-05-2020	115	Online	30	50
10	REGULATORY AFFAIRS IN BT INDUSTRY	IPR	Elective/Core Credit Course	Credit Course (Elective)	Department of Biotechnology	01-02-2019	25-05-2019	114	Offline	30	50
11	RESEARCH METHODOLOGY AND IPR	IPR	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Biotechnology	02-09-2019	14-12-2019	104	Offline	18	50
12	Bioethics Biosafety and IPR	IPR	Elective/Core Credit Course	Credit Course (Elective)	Department of Biotechnology	01-08-2019	25-11-2019	117	Offline	30	50
13	Master of Business Administration	Entrepreneurship/Startup	Full time Program	Master	Acharya Institute of Technology	02-09-2019	31-08-2020	365	Online	180	108
14	Robotics and its Applications	Innovation	Short term Course	Short Term Certificate Course	Department of Mechatronics	13-01-2020	25-01-2020	13	Offline	30	66
15	UNMANNED AERIAL VEHICLES BASICS and APPLICATIONS	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Department of Aeronautical Engineering	10-02-2020	01-06-2020	113	Offline	65	40
16	Basics of Rockets and Missiles	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Department of Aeronautical Engineering	29-07-2019	30-11-2019	125	Offline	65	40
17	Entrepreneurship and legal aspects	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Master of Business Administration	02-02-2019	25-05-2019	113	Offline	180	56

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)

Sno	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)
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1	Physical design and its Verification using Cadence tool	Innovation	FDP in I&E / IPR	Department of Electronics and Communication	22-07-2019	26-07-2019	5	Offline	18	40
2	Summer school on python programming embedded system and IOT	Innovation	Employment Generation Training Programs	Department of Electronics and communication	10-07-2019	23-07-2019	14	Offline	62	84
3	Winter school on Practical foundation for Machine learning and OpenCV	Innovation	Employment Generation Training Programs	Department of Electronics and Communication	16-01-2020	25-01-2020	10	Offline	71	70
4	IOT USING RASPBERRY PI	Innovation	Employment Generation Training Programs	Department of Electrical and Electronics	27-09-2019	30-09-2019	4	Offline	45	32
5	Employment Generation Training Program	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Mechatronics Engineering	01-01-2020	01-02-2020	32	Offline	30	240

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)

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	Dr. Pakkirappa H	Department of Mechanical Engineering	Associate professor	No	No
2	Dr. R Shadakshari	Department of Mechanical engineering	Associate professor	No	No
3	Dr. Rajeswari	Department of Electronics and Communication	Professor and HOD	No	No
4	Dr. Lakshmikanth S	Department of Electronics and Communication	Associate professor	No	No
5	Siddesh MB	Department of Electronics and Communication	Assistant professor	No	No
6	Lakshmikanth reddy	Department of Electrical and Electronics	Assistant professor	No	No
7	Marigowda C K	Department Information Science	Associate professor	No	No
8	Midhun V M	Acharya Technology and Business Incubation Centre	Incubation Manager	No	No

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/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	Spectra innovation club	Innovation Club	2008	Co-working Space	Innovation Labs	3	Janani B	jananib12.ec@gmail.com	9482303005
2	iARC YUVA	Idea Club	2019	Co-working Space, Work Stations	Incubation Unit, Innovation Labs	2	Vivek Pandey	vivek496pandey@gmail.com	9555104488

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-	Type of	Year of	Type of	Pre-Incubation	Name of the	Facility Details	Total Nos of Dedicated	Had the Pre-Incubation	Had institute	Had institute spent expenses either
------	--------------	---------	---------	---------	----------------	-------------	------------------	------------------------	------------------------	---------------	-------------------------------------

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)

	Incubation Centre	Facility	Establishment	Facilities Available at the Centre	with Access to Other I&E Facilities at the HEI	Funding Schemes Available with Pre-Incubation Unit, if any (Optional)		Executive/Management team Strength Engaged at the Facility	Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	Design Expertise to Manufacturing MSME sector	Design Centre	2020	3D Printing & Prototype Equipment, Work Stations	Incubation Unit, Innovation Labs, Student Clubs	Incubation Unit, Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Pakkira ppa H</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pakkirappa@acharya.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9448615407</td> </tr> </table>	Facility Incharge Name	Dr Pakkira ppa H	Facility Incharge Email	pakkirappa@acharya.ac.in	Facility Incharge Phone	9448615407	5	No	No	No
Facility Incharge Name	Dr Pakkira ppa H																
Facility Incharge Email	pakkirappa@acharya.ac.in																
Facility Incharge Phone	9448615407																
2	Innovative Acharya Research Center	Innovation Centre	2019	Co-working Space, Work Stations	Innovation Labs, Student Clubs	Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Maneeesh Paul</td> </tr> <tr> <td>Facility Incharge Email</td> <td>cd@acharya.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8095200801</td> </tr> </table>	Facility Incharge Name	Dr. Maneeesh Paul	Facility Incharge Email	cd@acharya.ac.in	Facility Incharge Phone	8095200801	10	No	No	No
Facility Incharge Name	Dr. Maneeesh Paul																
Facility Incharge Email	cd@acharya.ac.in																
Facility Incharge Phone	8095200801																

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 Filled!

Section 3 > ii > c : 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?						
1	Acharya-MSME Business Incubation Center	2020	Student Clubs	MSME and My govt scheme	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Pakkiriappa H</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pakkirappah@acharya.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9448615407</td> </tr> </table>	Facility Incharge Name	Dr. Pakkiriappa H	Facility Incharge Email	pakkirappah@acharya.ac.in	Facility Incharge Phone	9448615407	1	No	No	No
Facility Incharge Name	Dr. Pakkiriappa H														
Facility Incharge Email	pakkirappah@acharya.ac.in														
Facility Incharge Phone	9448615407														

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

2	Acharya Technology and Business Incubation Centre	2015	Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Mr Vikram A.G	1	No	No	Yes
					Facility Incharge Email	vikramag@acharya.ac.in				
					Facility Incharge Phone	9986472017				
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)	
Institute's Own Fund / Resource				Acharya Institute of Technology			Educational Institute		1976000	

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

No Data Filled!

Section 3 > ii > e : 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 Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20?						
1	Acharya IPR cell	2016	Incubation Unit, Innovation Labs, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Iqbal Ahmed</td> </tr> <tr> <td>Facility Incharge Email</td> <td>iqbalahmed@acharya.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9845278472</td> </tr> </table>	Facility Incharge Name	Dr. Iqbal Ahmed	Facility Incharge Email	iqbalahmed@acharya.ac.in	Facility Incharge Phone	9845278472	1	No	No	No
Facility Incharge Name	Dr. Iqbal Ahmed														
Facility Incharge Email	iqbalahmed@acharya.ac.in														
Facility Incharge Phone	9845278472														

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	Marigowda C K	Associate professor	Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Onpar Labs		Outside	
	AnyGo - Fitness Aggregator		Outside	

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

2	Midhun V M	Incubation Manager	Idea/Innovation Development, Entrepreneurship/Startup Development	3
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Mechatex		Within		
ZeroHour Healthcare		Within		
FOZO, hyperlocal food delivery system		Within		
Darkduck Private imited		Outside		
Kotumb digital empowerment and careers private limited		Outside		

Section 3 > iii > b : 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	Inq Innovation global, Kochin, Kerala	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

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	Mechatex: Walking aid to blind people	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Dropped	No	No	No	No	No
Name		Type		Gender		Email		Contact					
Supravo Ghosh		Student		Male		supravo.ghosh@gmail.com		7432964899					

Name		Type				Gender			Email		Contact	
Abdullah Anis Iqbal		Student				Male			abdullahanisiqbal@gmail.com		8707622742	
2	ZEROHOUR HEALTHCARE is an Artificial Intelligence powered online app	Service 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 Ongoing	No	No	No	No
Name		Type				Gender			Email		Contact	
Poulami Majumder		Student				Female			poulami.majumder25@gmail.com		8420373375	

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

No Data Filled!

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	Avistrat Academy of Aerospace and Design (Avistrat)	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	25	25-10-2019
2	Acri Infotech Private Limited	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	30	06-11-2019
3	G K Machineries, Bangalore	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	10	12-09-2019
4	Karnataka German Technical Training Institute(KGTTI)	Govt. Agency (State)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking	40	10-01-2020
5	Neostick Tapes Pvt Ltd	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	3	18-12-2019
6	inQ Innovation Global	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	10	10-12-2019
7	TEUED LABS	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Mentoring	20	10-02-2020

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

No Data Filled!

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	A NOVEL METHOD FOR AUTOMATED PLANT DISEASE DETECTION AND DIAGNOSTIC SYSTEM USING PARALLEL ANN	202041010556	National	2020 - 03	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 Filled!

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

No Data Filled!

Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

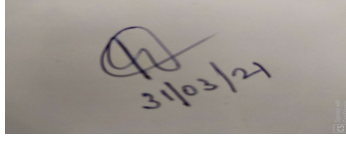
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Prakash M R (Head of Institute) and Dr. MAHESH S.S. (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

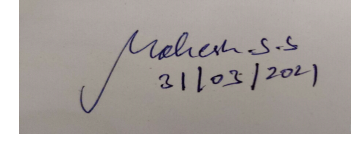
Thank you

The Head of Institute



Dr. Prakash M R
Head of the Institution,
Bengaluru, Karnataka

Nodal officer



Dr. MAHESH S.S.
Nodal Officer,
Bengaluru, Karnataka