



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Andhra Loyola Institute of Engineering and Technology [ARI-C-17899]

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

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)
Computer Science Engineering	Academic Department with lab facility	Artificial Intelligence, Data Science	UG / PG / PhD	Technical	513	28	12
Electrical Electronics Engineering	Academic Department with lab facility	power electronics	UG / PG / PhD	Technical	246	14	5
Mechanical Engineering	Academic Department with lab facility	Robotics	UG / PG / PhD	Technical	374	26	9
Information Technology	Academic Department with lab facility	Machine Learning, IOT	UG / PG / PhD	Technical	227	16	7
Electronics and Communications Engineering	Academic Department with lab facility	Embedded System, VLSI	UG / PG / PhD	Technical	526	26	10
Civil Engineering	Academic Department with lab facility	Advanced Structural Analysis	UG / PG / PhD	Technical	234	13	5
Research	Research Unit / Park	Natural language processing, Artificial intelligence, Signal Processing, VLSI, Power systems, End drives, Robotics, Advanced Structural Analysis, bigdata, datamining, networks, cloud computing, image processing	UG / PG / PhD	Technical	120	25	9
New product development	Incubation Unit	Agriculture, Technology, telecommunication networking, robotics, healthcare	UG / PG / PhD	Technical	45	7	3
startup	Pre-incubation unit	Technology, networking, robotics, Agriculture	UG / PG / PhD	Technical	30	7	2
industry interaction	Industry Institute Interface Unit	Skill Development, Research, Training and Product Development	UG / PG / PhD	Technical	272	12	6
patent filing and published	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Technology	UG / PG / PhD	Technical	120	10	2

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

Center of Excellence	Centre of Excellence with Advance Tools & Equipment	Skill Development, solar park, Technologies, Robotic	UG / PG / PhD	Technical	180	7	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 : IC202115697
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	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	"Workshop on entrepreneurship & Personnel Development"	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	10-04-2019 00:00:00	13-04-2019 00:00:00	4	Within Campus	30	5	60	3	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 50000	No
2	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	11-12-2019 00:00:00	13-12-2019 00:00:00	3	Within Campus	97	6	0	0	103	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 30000	No
3	Digital Threads in Manufacturing	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	12-02-2020 00:00:00	15-02-2020 00:00:00	4	Within Campus	90	10	0	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 30000	No

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

4	Advanced Materials	Entrepreneurship/Start-up, Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	04-03-2020 00:00:00	05-03-2020 00:00:00	2	Within Campus	90	12	0	0	102	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35000	No
5	Role of corrosion damage in high strength engineering materials	Innovation	Awareness	Institute Lead Activity	Mechanical Engineering	26-03-2020 00:00:00	30-03-2020 00:00:00	5	Within Campus	103	5	0	0	108	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	45000	No
6	Entrepreneurship Awareness Camp by Entrepreneur Development cell	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Mechanical Engineering	20-01-2020 00:00:00	25-01-2020 00:00:00	6	Within Campus	103	10	0	0	113	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	No
7	Entrepreneurship	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Mechanical Engineering	24-07-2019 00:00:00	27-07-2019 00:00:00	4	Within Campus	197	12	0	0	209	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	34000	No
8	One day Workshop on Entrepreneurship	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	Mechanical Engineering	29-01-2020 00:00:00	29-01-2020 00:00:00	1	Within Campus	69	4	0	0	73	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No
9	Four Day Workshop on AMAZON WEB SERVICES	Innovation	Workshop	Institute Lead Activity	Computer Science and Engineering	22-07-2019 00:00:00	25-07-2019 00:00:00	4	Within Campus	120	12	0	0	132	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	55000	No
10	A guest lecture on Understanding innovation & IPR to recreate our future	IPR	Seminar	Institute Lead Activity	Computer Science and Engineering	21-08-2019 00:00:00	21-08-2019 00:00:00	1	Within Campus	130	10	0	0	140	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	55000	No

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

11	Two Day Workshop on PCB DESIGN	Innovation	Workshop	Institute Lead Activity	Electronics and Communication engineering	08-07-2019 00:00:00	09-07-2019 00:00:00	2	Within Campus	60	17	0	0	77	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23000	No
12	Four Day Workshop on Applications of Matlab in ECE	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	18-09-2019 00:00:00	21-09-2019 00:00:00	4	Within Campus	119	15	0	0	134	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	45345	No
13	Three Day Workshop on Embedded Systems	Innovation	Workshop	Institute Lead Activity	Electronics and Communication Engineering	19-09-2019 00:00:00	21-09-2019 00:00:00	3	Within Campus	125	10	0	0	135	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	46765	No
14	Guest Lecture on Embedded Systems	Innovation	Innovation Contest	Institute Lead Activity	Electronics and Communication engineering	20-06-2019 00:00:00	20-06-2019 00:00:00	1	Within Campus	125	10	0	0	135	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	53234	No
15	Modern Trends in Broadcasting	Innovation	Motivational speak	Institute Lead Activity	Electronics and Communication Engineering	20-07-2019 00:00:00	23-07-2019 00:00:00	4	Within Campus	127	13	0	0	140	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	54325	No
16	Three Day Guest Lecture on IOT – Disruptive Future	Innovation	Training	Institute Lead Activity	Information Technology	14-09-2019 00:00:00	16-09-2019 00:00:00	3	Within Campus	135	10	0	0	145	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	56890	No
17	Three Day Workshop on EAC(Entrepreneurship Awareness Camp)	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Information technology	25-10-2019 00:00:00	27-10-2019 00:00:00	3	Within Campus	99	5	0	0	104	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23355	No

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

18	Advanced Python	Innovation	Training	Institute Lead Activity	Information Technology	27-01-2020 00:00:00	31-01-2020 00:00:00	5	Within Campus	57	5	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
19	Problem Solving and Programming using Python Phase-I and Phase-II	Innovation	Training	Institute Lead Activity	Information Technology	03-04-2019 00:00:00	09-04-2019 00:00:00	7	Within Campus	57	5	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	54356	No
20	A guest lecture on Understanding innovation & IPR to recreate our future	IPR	Motivational speak	Institute Lead Activity	Information Technology	21-09-2019 00:00:00	21-09-2019 00:00:00	1	Within Campus	64	6	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	34500	No
21	Electrical Fires & Preventive Measures	Innovation	Training	Institute Lead Activity	EEE	18-04-2019 00:00:00	20-04-2019 00:00:00	3	Within Campus	72	7	0	0	79	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	35000	No
22	Workshop on DIALUX	Innovation	Workshop	Institute Lead Activity	CSE	06-01-2020 00:00:00	08-01-2020 00:00:00	3	Within Campus	72	10	0	0	82	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	55600	No
23	Motivational Session on Latest Technology Advancement	Innovation	Motivational speak	Institute Lead Activity	CSE	19-11-2019 00:00:00	19-11-2019 00:00:00	1	Within Campus	55	7	0	0	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23800	No
24	FDP on "ETABS"	Innovation	Training	Institute Lead Activity	CIVIL	04-11-2019 00:00:00	09-11-2019 00:00:00	6	Within Campus	0	20	0	0	20	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	No

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

25	One Week Workshop on REVIT ARCHITECTURE	Innovation	Workshop	Institute Lead Activity	CIVIL	04-12-2019 00:00:00	10-12-2019 00:00:00	7	Within Campus	0	15	0	0	15	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	No
26	One Week Workshop on AUTOCAD	Innovation	Workshop	Institute Lead Activity	CIVIL	26-11-2019 00:00:00	01-12-2019 00:00:00	6	Within Campus	0	22	0	0	22	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No
27	A Guest Lecture on Soil Investigation and Design of Foundations Case studies	Innovation	Orientatio n Session	Institute Lead Activity	CIVIL	13-09-2019 00:00:00	13-09-2019 00:00:00	1	Within Campus	90	7	0	0	97	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	45600	No
28	Six day workshop on Web Development with Python	Innovation	Workshop	Institute Lead Activity	CSE	26-08-2019 00:00:00	31-08-2019 00:00:00	6	Within Campus	124	10	0	0	134	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	65000	No
29	Workshop on Google Android Fundamentals	Innovation	Workshop	Institute Lead Activity	CSE	03-02-2020 00:00:00	08-02-2020 00:00:00	6	Within Campus	120	8	0	0	128	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	80000	No
30	"Workshop on entrepreneurship"	Entrepreneurship/Start-up	Workshop	Institute Lead Activity	MECH	29-01-2020 00:00:00	31-01-2020 00:00:00	3	Outside Campus	34	6	56	2	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	No
31	ETHICAL HACKING AND CYBER SECURITY	Innovation	Skill development	Institute Lead Activity	CSE	17-03-2020 00:00:00	20-03-2020 00:00:00	4	Outside Campus	23	8	67	8	106	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000	No

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

32	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Skill development	Institute Lead Activity	CSE	27-01-2020 00:00:00	29-01-2020 00:00:00	3	Outside Campus	32	8	76	4	120	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	90000	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	AICTE-ECIISTE Chhatra Vishwakarma Awards2018	Innovation	Innovation Contest	AICTE New Delhi	Govt. Agency (State)	04-04-2019 00:00:00	05-04-2019 00:00:00	2	0	3	3	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	6000	No
2	Scientific Computing using CFD and Mat Lab	Innovation	Workshop	VKR and VKB	Educational Institute	09-07-2019 00:00:00	09-07-2019 00:00:00	1	3	1	4	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2400	No
3	Mechanical and Tribological Behavior of Advanced Composites	Innovation	Workshop	NIT Warangal	Educational Institute	18-11-2019 00:00:00	22-11-2019 00:00:00	5	6	1	7	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	15000	No
4	Current Trends in Aerospace	Innovation	Workshop	ANU	Educational Institute	19-12-2019 00:00:00	21-12-2019 00:00:00	3	5	2	7	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	7000	No
5	Industry 5.0	Innovation	Workshop	QIS	Educational Institute	28-11-2019 00:00:00	30-11-2019 00:00:00	3	5	2	7	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	2400	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

6	3D Experience-System Engineering Delmia and Simulia	Innovation	Skill development	APSSDC	Govt. Agency (State)	03-03-2020 00:00:00	12-03-2020 00:00:00	10	4	2	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	No
7	International conference on Composite Materials and structures at IIT-Hyderabad	Innovation	Conference	IIT-Hyderabad	Educational Institute	18-04-2019 00:00:00	20-04-2019 00:00:00	3	5	1	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6000	No
8	Electro Discharge Machining	Innovation	Workshop	PVPSIT	Educational Institute	14-08-2019 00:00:00	17-08-2019 00:00:00	4	5	1	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	9000	No
9	IOT Application Development using Advanced Processors	Innovation	Skill development	Narasaraopeta Engineering College, in association with madBlocks Technologies Pvt Ltd, Hyderabad	Educational Institute	04-04-2019 00:00:00	06-04-2019 00:00:00	3	5	1	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	12000	No
10	Machine Learning In Engineering Applications and Trends Using Python	Innovation	Skill development	PVPSIT	Educational Institute	23-11-2019 00:00:00	25-11-2019 00:00:00	3	10	2	12	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6000	No
11	Remote sensing and GIS techniques	Innovation	Training	APSSDC	Govt. Agency (State)	02-05-2019 00:00:00	10-06-2019 00:00:00	40	4	1	5	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

12	Development Of Signal And Image Processing Applications Using Labview	Innovation	Training	VRSEC	Educational Institute	22-04-2019 00:00:00	27-04-2019 00:00:00	6	5	0	5	No	---	---	No	No	
13	Employability skills	Entrepreneurship/Start-up	Training	APSSDC	Govt. Agency (State)	01-05-2019 00:00:00	31-05-2019 00:00:00	31	10	0	10	No	---	---	No	No	
14	Internet of things	Innovation	Training	Sunesis innovations core tech pvt.ltd, Hyderabad	Non-Govt. Agencies	01-05-2019 00:00:00	31-05-2019 00:00:00	31	4	1	5	No	---	---	No	No	
15	Process Instrumentation	Innovation	Training	Hindustan shipyard, Vizag	Govt. Agency (State)	07-05-2019 00:00:00	06-06-2019 00:00:00	31	3	0	3	No	---	---	No	No	
16	Introduction On Matlab Programming	Innovation	Training	VRSEC	Educational Institute	01-04-2019 00:00:00	20-04-2019 00:00:00	20	3	1	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 6000		No
17	Study of digital governor for steam turbines	Innovation	Training	Bharat Heavy Electricals Limited, Hyderabad	Govt. Agency (Central)	07-05-2019 00:00:00	06-06-2019 00:00:00	31	5	1	6	No	---	---	No	No	
18	ENCURSO 2K19	Innovation	Innovation Contest	JNTUK	Educational Institute	02-04-2019 00:00:00	04-04-2019 00:00:00	3	4	0	4	No	---	---	No	No	
19	Process Instrumentation	Innovation	Training	Vizag Steel plant, Vizag	Govt. Agency (Central)	23-05-2019 00:00:00	08-06-2019 00:00:00	17	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 4500		No
20	Detecting Malwares using Yara Rules	Innovation	Workshop	Techno India NJR Institute of Technology Udaipur	Educational Institute	03-03-2020 00:00:00	05-03-2020 00:00:00	3	3	0	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 9000		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

21	Episode 03- India First Leadership Talk Series on 19-03-20 19 11 30 AM Talk on Art of Decision Making	Innovation	Awareness	MHRD innovation Celel	Govt. Agency (Central)	19-03-20 20 00:00:00	19-03-20 20 00:00:00	1	0	3	3	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1500	No
22	Employability and Team Building Skills	Innovation	Workshop	NRIIT	Educational Institute	28-12-20 19 00:00:00	28-12-20 19 00:00:00	1	7	0	7	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	1400	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	Managerial Economics and Financial Analysis	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engineering	12-06-2019	11-10-2019	122	Offline	120	45
2	Managerial Economics and Financial Analysis	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engineering	13-06-2019	11-10-2019	121	Offline	120	45
3	Professional Ethics and Human Values	Entrepreneurship/Startup	Full time Program	Bachelor	CSE	13-06-2019	11-10-2019	121	Offline	120	45
4	IPR Patents	IPR	Elective/Core Credit Course	Bachelor	CSE	11-11-2019	18-04-2020	160	Offline	120	45
5	Management Science	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	CSE	11-11-2019	18-04-2020	160	Offline	120	45
6	Professional ethics and human values	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	ECE	12-06-2019	11-10-2019	122	Offline	120	45
7	Indian Constitution	Innovation	Elective/Core Credit Course	Bachelor	ECE	12-06-2019	11-10-2019	122	Offline	120	45

List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Entrepreneurial Leadership	Entrepreneurship/Startup	Employment Generation Training Programs	APSSDC	18-07-2019	20-08-2019	34	Offline	30	42
2	Entrepreneurship Development by working startup idea internship	Entrepreneurship/Startup	Employment Generation Training Programs	ALIET	16-09-2019	30-09-2019	15	Offline	43	46

3	Strategic Meeting on Catalyzing Entrepreneurship Ecosystem in AP	IPR	Employment Generation Training Programs	EDC CELL	17-12-2019	31-12-2019	15	Offline	45	32
4	Smart Idea Contest	Entrepreneurship/Startup	Employment Generation Training Programs	EDC CELL	22-10-2019	31-12-2019	71	Offline	23	42
5	Design Thinking	Entrepreneurship/Startup	EDP in I&E / IPR	EDC CELL	03-12-2019	24-12-2019	22	Online	45	35
6	Startupideas	Entrepreneurship/Startup	FDP in I&E / IPR	EDC CELL	13-04-2020	30-04-2020	18	Online	45	40
7	Startup Rendezvous	Entrepreneurship/Startup	Employment Generation Training Programs	EDC CELL	11-05-2020	30-05-2020	20	Online	46	45
8	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	FDP in I&E / IPR	EDC CELL	20-07-2020	31-07-2020	12	Online	45	30
9	IPR	IPR	FDP in I&E / IPR	EDC CELL	03-08-2020	31-08-2020	29	Online	30	45

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	Mr.S.Kishore Babu	Information Technology	Associate Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
2	Dr.V.Shamukha Rao	Information Technology	Associate Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
3	Dr.CH.RAJENDRA BABU	CSE	Associate Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Enhancing Teaching Skills	Innovation	FDP in I&E, IPR	IQAC	Educational Institute	15-05-2019 00:00:00	25-05-2019 00:00:00	11	Offline
4	Dr.A.Srinivas Rao	CSE	Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
5	Dr.Ch.Rathna Jyothi	CSE	Associate Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery

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)

				the Centre	Facilities at the HEI	Available with Pre-Incubation Unit, if any (Optional)		the Facility	Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Offered by Pre-Incubation Centre/Facilities?	of Pre-Incubation Centre/Facilities?						
1	EDC Cell	EDC	2016	Co-working Space,3D Printing & Prototype Equipment	Incubation Unit, Centre of Excellence with Advance Tools, Student Clubs	Incubation Unit, Centre of Excellence with Advance Tools, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.N.J anardhana Rao</td> </tr> <tr> <td>Facility Incharge Email</td> <td>Janardhana.alietmba@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8790083845</td> </tr> </table>	Facility Incharge Name	Dr.N.J anardhana Rao	Facility Incharge Email	Janardhana.alietmba@gmail.com	Facility Incharge Phone	8790083845	5	No	No	No
Facility Incharge Name	Dr.N.J anardhana Rao																
Facility Incharge Email	Janardhana.alietmba@gmail.com																
Facility Incharge Phone	8790083845																

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?						
1	Dasalt Systems	2018	Incubation Unit, Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. B. V. SUDH EER KUMAR</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sudherboypati@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9440237931</td> </tr> </table>	Facility Incharge Name	Dr. B. V. SUDH EER KUMAR	Facility Incharge Email	sudherboypati@gmail.com	Facility Incharge Phone	9440237931	4	No	No	Yes
Facility Incharge Name	Dr. B. V. SUDH EER KUMAR														
Facility Incharge Email	sudherboypati@gmail.com														
Facility Incharge Phone	9440237931														
				Source of Grant / Fund	Agency Name		Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)							

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

2	Block Chain Technologies	2018	Incubation Unit		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Ch. Rajendra Babu</td> </tr> <tr> <td>Facility Incharge Email</td> <td>chikkalarajendra@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>77023 69698</td> </tr> </table>	Facility Incharge Name	Dr.Ch. Rajendra Babu	Facility Incharge Email	chikkalarajendra@gmail.com	Facility Incharge Phone	77023 69698	4	No	No	Yes
Facility Incharge Name	Dr.Ch. Rajendra Babu														
Facility Incharge Email	chikkalarajendra@gmail.com														
Facility Incharge Phone	77023 69698														
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)						

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	Loyala Incubation Center	2018	Innovation Labs	SELF	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.D.R athna Kishore</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ratna.dasari@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>90328 33744</td> </tr> </table>	Facility Incharge Name	Dr.D.R athna Kishore	Facility Incharge Email	ratna.dasari@gmail.com	Facility Incharge Phone	90328 33744	5	No	No	Yes
Facility Incharge Name	Dr.D.R athna Kishore														
Facility Incharge Email	ratna.dasari@gmail.com														
Facility Incharge Phone	90328 33744														
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)						

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?
------	--	-----------------------	--	--	------------------	---	--	---	---

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

1	Research Park	2020	Innovation Labs, Centre of Excellence with Advance Tools		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.D.Rathna Kishore</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ratna.dasari@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9032833744</td> </tr> </table>	Facility Incharge Name	Dr.D.Rathna Kishore	Facility Incharge Email	ratna.dasari@gmail.com	Facility Incharge Phone	9032833744	2	No	No	No
Facility Incharge Name	Dr.D.Rathna Kishore														
Facility Incharge Email	ratna.dasari@gmail.com														
Facility Incharge Phone	9032833744														

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	IPR CELL	2020	Pre-Incubation		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.D.Rathna Kishore</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ratna.dasari@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9032833744</td> </tr> </table>	Facility Incharge Name	Dr.D.Rathna Kishore	Facility Incharge Email	ratna.dasari@gmail.com	Facility Incharge Phone	9032833744	3	No	No	No
Facility Incharge Name	Dr.D.Rathna Kishore														
Facility Incharge Email	ratna.dasari@gmail.com														
Facility Incharge Phone	9032833744														

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	Mr.S.Kishore Babu	Associate Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	A Comparative Study for Predicting heart stroke using Classification Alogrithms		Within	
Predictive Analytics on Tax Evasion		Within		
2	Dr.V.Shamukha Rao	Associate Professor	Idea/Innovation Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Driver Drowsiness Detection with Facial Recognition		Within	
3	Dr.CH.RAJENDRA BABU	Asscoiate Professor	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)
	Secure Data Sharing in Cloud Computing using Revocable storage identity Based Encryption		Within	
4	Dr.A.Srinivas Rao	Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Detecting Spiteful Accounts in Social Network		Within	
5	Dr.Ch.Rathna Jyothi	Associate Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Building a Forecast Model for Engineering Education in Andhra Pradesh		Within	
6	Dr. B. SUDHEER KUMAR	Associate Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Trolley		Within	
7	Mr.S.Kishore Babu	Associate Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Predictive Analytics on Tax Evasion		Within	
8	Dr.N.Janardhana Rao	Associate Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Smart Drainage Management System		Within	
9	Dr.P.VENKATESWARA RAO	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Identifying the Best Prediction model for Startups		Within	
10	Dr.B.V.SUDHEER KUMAR	Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Farm Direct Marketing		Within	
11	Dr. B. SUDHEER KUMAR	Associate Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Assessment Management System		Within	

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

12	Mr.S.Kishore Babu	Associate Professor	Idea/Innovation Development	4
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Design of smart tracking system		Within		

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	ALIET Educational Trust	Idea/Innovation 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	MILEHIGH - SOCIAL SECURITY APP WITH INTEGRATION OF ALL OTHER APPS	Product Innovation	Technological	SELF	Student	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	20000	No	No
Name		Type		Gender		Email		Contact					
15HP1A0527		Student		Male		15HP1A0527@gmail.com		7702369698					

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

No Data Filled!

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

No Data Filled!

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

No Data Filled!

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	Novel Joint Chaining Graph Model For Human Pose Estimation On 2D Action Videos And Facial Pose estimation On 3D Images	201841031037	International	2020 - 02	Uploaded
2	System And Method For Data Security Using Dna Cryptography Based Encryption	201941039845	International	2019 - 10	

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	Novel Joint Chaining Graph Model For Human Pose Estimation On 2D Action Videos And Facial Pose estimation On 3D Images	PatentsHoldByInnovations	201841031037	Published	Uploaded
		Applicant Name	Applicant Type	Start-up/Innovator Name	
		Dr D RATNA KISHORE	Incubatee Innovator	D RATNA KISHORE	
2	System And Method For Data Security Using Dna Cryptography Based Encryption	PatentsHoldByInnovations	201941039845	Published	Uploaded
		Applicant Name	Applicant Type	Start-up/Innovator Name	
		DR D RATNA KISHORE	Incubatee Innovator	D RATNA KISHORE	

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

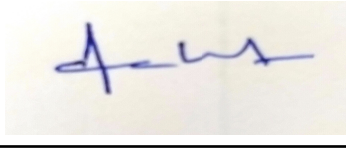
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. O. MAHESH (Head of Institute) and Dr. D RATNA KISHORE (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. O. MAHESH
Head of the Institution,
Vijayawada, Andhra Pradesh

Nodal officer



Dr. D RATNA KISHORE
Nodal Officer,
Vijayawada, Andhra Pradesh