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

Institute Name: JOGINPALLY B.R ENGINEERING COLLEGE [ARI-C-19540]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Power Electronics and Drives Research Centre	Research Unit / Park	The Research laboratory is developed with the aim of enhancing the research capabilities for power engineers in the department. It supports undergraduate, postgraduate and research scholars to enhance rapid technology transfer in various domains in the field of power systems and power electronics and drives	UG / PG / PhD	Technical	40	5	5
2	Global Business School and Research Centre	Research Unit / Park	Universal Business School & Research Centre situated in the Institute has carved a name for itself amongst the top business schools of the country. The idea of setting up in this Institute is to offer Management Education to aspiring leaders of tomorrow.	At all level	Technical	50	10	6

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3	CISCO Networking Academy	Research Unit / Park	The Cisco networking academy offers CCNA certification course within the college campus. Network certification will be an added advantage for the students, as knowledge about network management is mandatory in today's interconnected World. The course is offered as two modules. Module-1: CCNA R&S: Introduction to Networks (Ver 6.0) and Module-2: CCNA R&S: Routing and Switching Essentials.	UG / PG / PhD	Technical	75	8	6
4	Bhaskar Research Innovation Incubation and Startup Center	Incubation Unit	Bhaskar Research Innovation Incubation & Start-up Center" at JBREC promotes and motivates entrepreneurial activities amongst the students. It fosters creativity and offers support in translating an idea to business. It encourages the student to attend workshops on entrepreneurship development, arranges the study tours for the understanding of the process and structure of business and industry. BRIISC also organizes workshops, conferences, technical events, project exhibitions and Industry – Inst	At all level	Technical	220	8	6
5	INTELLECTUAL PROPERTY RIGHTS CELL	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	To be a centre of excellence in providing an ambience to transform innovative thinking into product ideas that lead to start-ups and entrepreneurship ventures. To identify and protect intellectual properties created by faculty and students of the institution that have value in providing innovative solutions as well as support entrepreneurship and start-ups to build useful products	At all level	Technical	60	6	5

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6	MHRD Innovation Cell	Pre-incubation unit	Ministry of Education, Govt. of India has established an 'Innovation cell' with a purpose of systematically fostering the culture of Innovation in all Higher Education Institutions (HEIs) across the country. MIC will focus on creating complete ecosystem which will foster the culture of Innovation across all educational institutions from ideas generation to pre-incubation, incubation and graduating from the incubator as successful start-ups. MIC will also work on designing ranking system to ident	At all level	Technical	300	20	6
7	Center of Excellence in Electric Vehicle and Automation Technology	Centre of Excellence with Advance Tools & Equipment	Electric vehicle enabling technology: Covers the electric components and technologies important to the operation, performance and cost of the electric vehicle. This includes R&D and equipment testing Robotics & Automation is a branch of Engineering that involves the conception, design, manufacture, and operation of robots. It is a combination and overlaps many fields of Engineering including Electronics, Computer Science, Artificial Intelligence, Automation, Mechatronics, Nanotechnology & Bio En	UG / PG / PhD	Technical	70	6	4
8	Center of Excellence in new software development	Centre of Excellence with Advance Tools & Equipment	Center of Excellence (CoE) is specifically designed to enable software businesses to overcome technology, process, and capacity constraints and enable critical business and technology initiatives to move forward in all new software areas.	UG / PG / PhD	Technical	90	8	6
9	Machine Modelling and Analysis Lab	Academic Department with lab facility	PEED	UG / PG / PhD	Technical	10	3	2

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10	Power Electronic Converters Lab	Academic Department with lab facility	PEED	UG / PG / PhD	Technical	10	3	2
11	Advanced Power Electronic Converters Lab	Academic Department with lab facility	PEED	UG / PG / PhD	Technical	10	3	2
12	Advanced Data Structures Lab	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	5	2	2
13	Machine Learning Lab	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	5	2	2
14	Advanced Algorithms Lab	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	5	2	2
15	Data Science Lab	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	5	2	2
16	BUSINESS COMMUNICATION LAB	Academic Department with lab facility	MBA	UG / PG / PhD	Technical	36	3	2
17	STATISTICAL DATA ANALYSIS LAB	Academic Department with lab facility	MBA	UG / PG / PhD	Technical	36	2	2
18	DATA STRUCTURES LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	100	3	2
19	IT WORKSHOP LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	100	2	2
20	C PLUS PLUS PROGRAMMING LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	100	3	2
21	OPERATING SYSTEMS LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	100	3	2
22	DATABASE MANAGEMENT SYSTEMS LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	100	3	2
23	JAVA PROGRAMMING LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	100	3	2
24	ANALOG AND DIGITAL ELECTRONICS LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	100	3	2
25	SOFTWARE ENGINEERING LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	100	3	2
26	COMPUTER NETWORKS AND WEB TECHNOLOGIES LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	121	3	2

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27	MACHINE LEARNING LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	121	3	2
28	COMPILER DESIGN LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	121	3	2
29	CONCURRENT PROGRAMMING LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	121	3	2
30	NETWORK PROGRAMMING LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	121	3	2
31	SCRIPTING LANGUAGES LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	121	3	3
32	MOBILE APPLICATION DEVELOPMENT LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	121	4	2
33	MOBILE APPLICATION DEVELOPMENT LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	121	3	2
34	SOFTWARE TESTING METHODOLOGIES LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	121	3	2
35	DATA MINING LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	103	3	2
36	PYTHON PROGRAMMING LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	103	3	2
37	INTERNET OF THINGS LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	103	3	2
38	MOBILE APPLICATION DEVELOPMENT LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	103	3	2
39	WEB SCRIPTING LANGUAGES LAB	Academic Department with lab facility	CSE	UG / PG / PhD	Technical	103	3	2
40	Electrical Drives Lab	Academic Department with lab facility	PEED	UG / PG / PhD	Technical	10	2	2
41	Center for free Open Software	Research Unit / Park	to execute project using Open source technology to meet the industry needs & problems, to promote Open Source awareness among the students and nearby industries.	UG / PG / PhD	Technical	50	4	3

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42	Centre for education technology and learning science	Research Unit / Park	CET in JBREC is incessantly working to improve quality of education through pedagogical and technological innovations. CET, right from the beginning, inculcates and promotes interdisciplinary culture by accommodating faculty members and researchers from diverse expertise and disciplines ranging from humanities, social science and engineering.	UG / PG / PhD	Technical	45	5	2
43	ELECTRONIC DEVICES AND CIRCUITS LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	70	3	2
44	DIGITAL SYSTEM DESIGN LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	70	3	2
45	BASIC SIMULATION LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	70	3	2
46	ELECTRONIC CIRCUIT ANALYSIS LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	70	3	2
47	IC APPLICATIONS LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	70	3	2
48	ANALOG AND DIGITAL COMMUNICATIONS LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	70	3	2
49	MICROPROCESSORS AND MICROCONTROLLERS LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	90	3	2
50	DATA COMMUNICATIONS AND NETWORKS LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	90	3	2
51	DIGITAL SIGNAL PROCESSING LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	90	3	2
52	E CAD LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	90	3	2
53	SCRIPTING LANGUAGES LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	90	3	2
54	VLSI AND E CAD LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	90	3	2

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55	VLSI AND E CAD LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	68	3	2
56	MICROWAVE ENGINEERING LAB	Academic Department with lab facility	ECE	UG / PG / PhD	Technical	68	3	2
57	POWER SYSTEM SIMULATION LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	50	3	2
58	POWER ELECTRONICS LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	50	3	3
59	MEASUREMENTS AND INSTRUMENTATION LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	50	3	3
60	POWER SYSTEMS LAB	Academic Department with lab facility	EEE	At all level	Technical	50	3	2
61	MICROPROCESSORS AND MICROCONTROLLERS LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	50	2	2
62	SIGNALS AND SYSTEMS LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	50	3	2
63	ELECTRICAL WORKSHOP	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	25	3	2
64	ELECTRICAL SYSTEMS SIMULATION LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	26	2	2
65	ELECTRICAL MACHINES-I LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	30	2	2
66	ELECTRICAL MACHINESLAB-II	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	30	3	2
67	CONTROL SYSTEMS LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	30	2	2
68	ANALOG ELECTRONICS LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	30	2	2
69	ELECTRICAL CIRCUITS LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	30	2	2
70	DIGITAL ELECTRONICS LAB	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	30	2	2
71	DATA STRUCTURES LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	43	2	2

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72	IT WORKSHOP AND MICRO PROCESSOR LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	43	2	2
73	C PLUS PLUS PROGRAMMING LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	43	2	2
74	OPERATING SYSTEMS LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	43	3	2
75	DATABASE MANAGEMENT SYSTEMS LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	43	2	2
76	JAVA PROGRAMMING LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	43	3	2
77	ANALOG AND DIGITAL ELECTRONICS LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	43	2	2
78	SOFTWARE ENGINEERING LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	48	2	2
79	COMPUTER NETWORKS AND WEB TECHNOLOGIES LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	48	3	2
80	EMBEDDED SYSTEMS AND INTERNET OF THINGS LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	48	2	3
81	COMPILER CONSTRUCTION LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	48	2	2
82	ETHICAL HACKING	Academic Department with lab facility	IT	UG / PG / PhD	Technical	48	2	2
83	NETWORK PROGRAMMING LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	48	2	2
84	SCRIPTING LANGUAGES LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	48	2	2
85	MOBILE APPLICATION DEVELOPMENT LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	48	2	2
86	SOFTWARE TESTING METHODOLOGIES LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	48	2	2
87	ANDROID APPLICATION DEVELOPMENT LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	32	2	2
88	PYTHON PROGRAMMING LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	32	2	2

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89	INTERNET OF THINGS LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	32	2	2
90	WEB SCRIPTING LANGUAGES LAB	Academic Department with lab facility	IT	UG / PG / PhD	Technical	32	2	2
91	PRODUCTION TECHNOLOGY LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	25	3	2
92	MACHINE DRAWING PRACTICE	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	25	2	2
93	FLUID MECHANICS AND HYDRAULIC MACHINES LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	25	2	2
94	INSTRUMENTATION AND CONTROL SYSTEMS LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	25	2	2
95	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	25	2	2
96	MATERIAL SCIENCE AND MECHANICS OF SOLIDS LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	25	2	2
97	THERMAL ENGINEERING LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	26	2	2
98	METROLOGY AND MACHINE TOOLS LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	26	2	2
99	KINEMATICS AND DYNAMICS LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	26	2	2
100	HEAT TRANSFER LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	26	2	2
101	CAD AND CAM LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	26	2	2
102	INSTRUMENTATION AND CONTROL SYSTEMS LAB	Academic Department with lab facility	MECH	UG / PG / PhD	Technical	56	2	2
103	ENGLISH LANGUAGE AND COMMUNICATION SKILLS LAB	Academic Department with lab facility	Science and humanities	UG / PG / PhD	Technical	215	3	2
104	PROGRAMMING FOR PROBLEM SOLVING LAB	Academic Department with lab facility	Science and humanities	UG / PG / PhD	Technical	215	2	2
105	ENGINEERING CHEMISTRY LAB	Academic Department with lab facility	Science and humanities	UG / PG / PhD	Technical	215	3	2

106	ENGINEERING PHYSICS LAB	Academic Department with lab facility	Science and humanities	UG / PG / PhD	Technical	215	3	2
107	APPLIED PHYSICS LAB	Academic Department with lab facility	Science and humanities	UG / PG / PhD	Technical	215	3	2
108	BASIC ELECTRICAL ENGINEERING LAB	Academic Department with lab facility	Science and humanities	UG / PG / PhD	Technical	215	3	2
109	ENGINEERING WORKSHOP	Academic Department with lab facility	Science and humanities	UG / PG / PhD	Technical	215	2	2
110	ADVANCED COMMUNICATION SKILLS LAB	Academic Department with lab facility	Science and humanities	UG / PG / PhD	Technical	215	2	2
111	Centre for women and Rural Development	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	The Center for Women Development initiative aims to take a proactive role towards empowering women both at home and at work place. The centre aims to address issues confronted by women and go beyond on a positive note.	At all level	Both	60	5	4
112	Teaching Learning Centre	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	This program has induced several changes in pedagogy and spawned novel teaching styles that have managed to engage student interest. In order to share its experiences with teachers in various institutions across the country for effective student-teacher interaction, JBREC has established a Teaching Learning Centre under Bhaskar Research Innovation Incubation and Start-up Center	UG / PG / PhD	Technical	834	60	12
113	Joginpally BR research institution innovation start up center	Incubation Unit	Ministry of commerce and industry, Government of India approved start up centre in our college, named as Joginpally BR research institution innovation start up centre. Through this start up centre we can get funds by applying proposals.	At all level	Technical	40	5	3

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 : IC201811591
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

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	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	NMIAT	14-11-2019 00:00:00	16-11-2019 00:00:00	3	Within Campus	120	12	0	0	132	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 50000	No
2	One day workshop on Novelty Research Beyond your Ideas through IEEE Xplore	Entrepreneurship/Startup	Workshop	Student Lead Activity	M S Srinivas,IEEE Memeber Hyderabad	16-12-2019 00:00:00	16-12-2019 00:00:00	1	Within Campus	34	5	0	0	39	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 25000	No
3	National Digital Library Awareness program	Entrepreneurship/Startup	Awareness	Institute Lead Activity	library	07-12-2019 00:00:00	07-12-2019 00:00:00	1	Within Campus	45	12	0	0	57	No	No
4	Latest Trends in Manufacturing Process	Entrepreneurship/Startup	Seminar	Institute Lead Activity	MECH	31-10-2019 00:00:00	31-10-2019 00:00:00	1	Within Campus	34	7	0	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	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

Srno	Name of	Program	Program	Organizin	Organizin	Program	Program	Program	Participa	Participa	Total	Awards/R	Award /	Title of	Had institute spent expenses	Did any of the participants

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

	Program (Full Name)	Theme	Type	g Agency / Institute Name	g Agency Type	Start Date	End Date	Duration(in Days)	nts (Students)	nts (Faculty)	Number of Participants	ecognitions/Achievements	Position / Recognition Secured	Innovation / Start-up Secured the Award / Recognition	either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	received any awards/recognition for startup / innovation ideas / research
1	Smart India Hackathon 2020	Innovation	Hackathon	MHRD	Govt. Agency (Central)	21-01-2020 00:00:00	25-01-2020 00:00:00	5	50	12	62	No	---	---	No	No
2	FDP Artificial Intelligence	Innovation	Training	UGC-HRDC Centre at JNTUH.	Govt. Agency (Central)	02-12-2019 00:00:00	06-12-2019 00:00:00	5	0	4	4	No	---	---	No	No

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	Hybrid Electric Vehicles	Innovation	Elective/Core Credit Course	Master	EEE	26-08-2019	17-12-2019	114	Online	10	45
2	Research Methodology and IPR	IPR	Elective/Core Credit Course	Master	EEE	26-08-2019	17-12-2019	114	Online	10	45
3	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	EEE	16-08-2019	17-12-2019	124	Online	25	45

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)

No Data Filed!

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.T.Prabakaran	CSE	Associate Professor	No	No
2	Dr. D Magdalene Delighta Angeline	CSE	Associate Professor	No	No
3	Dr S.M.K.M Abbas Ahmad	ECE	Professor	No	No
4	Dr S.Prabhakara Rao	ECE	Associate Professor	No	No
5	Dr.R.RAVI KUMAR	EEE	Associate Professor	No	No
6	P.RAJENDAR	EEE	Associate Professor	No	No
7	Mr.P.Srinivas	IT	Associate Professor	No	No

| 8 | Mr.M.L.M.Prasad | IT | Assistant Professor | No | No |
| 9 | Dr. G.VijayaKumar | MECH | Associate Professor | 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	Entrepreruneship club	Idea Club	2019	Work Stations	Innovation Labs	2	LOKU RESHMA	lokureshma@gmail.com	7675886846

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)

No Data FIled!

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 FIled!

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	Joginpally BR research institution innovation start up centre	2019	Pre-Incubation	START UP	Facility Incharge Name	Dr.S.Sathish Kumar	6	Yes	Yes		Yes
					Facility Incharge Email	sssk2020@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)		
					Facility Incharge Phone	9994883612			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)		
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)		

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

	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	Bhaskar research innovation incubations start-up council	Educational Institute	0

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

No Data Flied!

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/Start up/Venture Development and implementation during the Financial Year 2019-20?
1	IPR and Patent facilitation unit	2016	Innovation Park/Research Park		Facility Incharge Name	Dr. M.GIRI	8	Yes	Yes	Yes
					Facility Incharge Email	dr.m.giri.cse@gmail.com			Total Annual Income from Training and Skill Development Services (In Rupees)	
					Facility Incharge Phone	8897655002			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)

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	Dr.T.Prabakaran	Associate Professor	Entrepreneurship/Startup Development	5

Section 3 > iii > a : 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)
	An initiative to increase success rate of students and develop the college.		Within	
2	Dr. D Magdalene Delighta Angeline	Associate Professor	Entrepreneurship/Startup Development	6
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Safe Siren		Within	
3	Dr S.M.K.M Abbas Ahmad	Professor	IPR Protection & Commercialization	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Silent Sound Technology		Within	
4	Dr S.Prabhakara 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)
	UV Sterilization		Within	
5	Dr.R.RAVI KUMAR	Associate Professor	IPR Protection & Commercialization	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Installation of Spacers In Transmission Lines Using Mechatronic Drone		Within	
6	P.RAJENDAR	Associate Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Low Cost Complete Body Sterilization System		Within	
7	Dr. G.VijayaKumar	Associate Professor	IPR Protection & Commercialization	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Food Dart		Within	

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	Dr.R.Hafeez Basha Chief Executive Officer Asoka Innovazi Inc, Hyderabad	Idea/Innovation Development	Unstructured Mentorship
2	Mrs. Bobby Samaira. Senior HR business leader Orbit shifters LLC, Hyderabad	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Mrs.M.Rudula Branch manager Syndicate bank Hyderabad	IPR Protection & Commercialization	Unstructured Mentorship
4	Mr.K.B.Narayanan AGM , Syndicate bank Hyderabad	Idea/Innovation Development	Unstructured Mentorship

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

5	Mr.D.Vamsha Krishnan General manager canara bank Hyderabad	Entrepreneurship/Startup Development	Unstructured Mentorship
6	Mahesh Kumar .CV Chief Operating Officer Orbit shifters LLC, Hyderabad	Entrepreneurship/Startup Development	Unstructured Mentorship
7	Dr.Zahoorullah S MD Incubation Manager ATAL Incubation Centre-ALEAP WE HUB, Hyderabad	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

No Data Flled!

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

No Data Flled!

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	Dhanush Engg services Srvices India Pvt Ltd	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring	45	01-07-2019
2	CISCO Academy for students training and certification. Conducted CLA and CLP training and certification program	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Mentoring	56	15-09-2019
3	BRIISC	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Mentoring	67	09-06-2019

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

No Data Flled!

Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	a modified particle swam optimization method to design poly phase orthogonal sequence sets in radar systems	202041000740A		2020 - 09	NA
2	an efficient arithmetic VLSI architecture for DWPT error approximation	201941053591		2020 - 09	NA
3	a novel secure key mechanism to enhance security in ad-hoc wireless networks	201941052964A		2020 - 09	NA
4	A novel method and system to improve security and QOS parameters in manets	201941053242A		2020 - 09	NA

| 5 | Novel optimization technique to linear discriminant regression for face | 202041004550A | | 2020 - 10 | NA |
| 6 | A novel method for IRIS recognition using two stage classifier | 201941052131A | | 2020 - 10 | NA |

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data FIled!

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

No Data FIled!

Declaration

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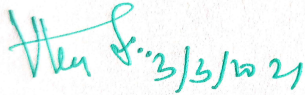The ARIIA Committee
MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. V. Usha Shree (Head of Institute) and Dr. S.Sathish kumar (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
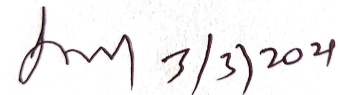
Thank you

The Head of Institute   Nodal officer

_____   _____

Dr. V. Usha Shree   Dr. S.Sathish kumar
Head of the Institution,   Nodal Officer,
HYDERABAD, Telangana   HYDERABAD, Telangana

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