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

Institute Name: DR T THIMMAIAH INSTITUTE OF TECHNOLOGY [ARI-C-1379]

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

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	233	19	3
Electronics and Communciation Engineering	Academic Department with lab facility	Electronics and Communication	UG / PG / PhD	Technical	137	15	3
Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering and Automation	UG / PG / PhD	Technical	169	17	7
Mining Engineering	Academic Department with lab facility	Mining and Mineral Engineering	UG / PG / PhD	Technical	119	10	3
Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and Power Management Engineering	UG / PG / PhD	Technical	49	9	5
Civil Engineering	Academic Department with lab facility	Infrastructure and Design Engineering	UG / PG / PhD	Technical	76	10	4
Interdisciplinary Research Center	Research Unit / Park	Advances in modern technologies and techniques research	At all level	Technical	4	2	1
Industry Institute Interaction Center (IIIC)	Industry Institute Interface Unit	Industry Relationship and Interfaces	At all level	Both	300	4	1
Dr. TVV Interdisciplinary Pre-Incubation Center	Pre-incubation unit	Innovation pre-incubation	At all level	Both	50	0	0
Cisco Networking Academy	Centre of Excellence with Advance Tools & Equipment	Networking and Cyber Security	At all level	Technical	128	1	0
Bio-Fuel Research Center	Incubation Unit	Bio-Fuel extraction and research	At all level	Both	20	1	1
Robotic Process Automation Center	Centre of Excellence with Advance Tools & Equipment	RPA and Process Automation Techniques	At all level	Technical	200	0	0
Design Academy - AutoDesk	Centre of Excellence with Advance Tools & Equipment	Revit and Fusion 360 tools	UG / PG / PhD	Technical	100	1	0
TCS IT Employability Learning Center	Industry Institute Interface Unit	Job Readiness training and assessments	UG / PG / PhD	Both	80	0	0

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 : IC201811227
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

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

No Data FIled!

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	3 Day free webinar FDP on Digital Era of Teaching	Innovation	Workshop	Diksoochi Mysuru	Corporate / Industry Association	11-03-2020 00:00:00	13-03-2020 00:00:00	3	0	1	1	No	---	---	No	No
2	National level webinar on Demystifying black box in artifical intelligence using modern data analytics	Innovation	Training	SDC College Kolar	Educational Institute	27-03-2020 00:00:00	27-03-2020 00:00:00	1	0	1	1	No	---	---	No	No
3	IIC Innovation Ambassador Training series	IPR	Innovation Contest	Institutions Innovation Council of MHRD	Govt. Agency (Central)	06-01-2020 00:00:00	07-01-2020 00:00:00	2	0	1	1	No	---	---	No	No

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

No Data FIled!

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Overview of Machine Learning and Artifical Intelligence	Innovation	Employment Generation Training Programs	Department of Computer Science	11-10-2020	14-10-2020	4	Online	90	32
2	Digital Teaching Techniques	Innovation	Employment Generation Training Programs	ICT Academy	29-06-2020	04-07-2020	6	Online	200	48
3	IOT and Cloud Application	Innovation	Employment Generation Training Programs	Dayananda Sagar academyof Technology	06-07-2020	10-07-2020	5	Online	300	30
4	Datastructure and Application	Innovation	Employment Generation Training Programs	Department of Computerscience and Engineering	25-11-2020	28-11-2020	4	Online	250	31
5	Sales Force	Innovation	Employment Generation Training Programs	Sri Ram Engineering college	14-10-2019	17-10-2019	4	Online	500	32
6	4Day National level webinar on emerging trends in IT Industry	Innovation	Employment Generation Training Programs	Dr T Thimmaiah Institute of Technology	03-08-2020	06-08-2020	4	Online	400	31
7	Recent Trends in Technology Engineering and Applied Science	Innovation	Employment Generation Training Programs	Dr T Thimmaiah Institute of Technology	24-07-2020	27-07-2020	4	Online	1000	32
8	Advanced computation in Data Structures Application	Innovation	FDP in I&E / IPR	Dr T Thimmaiah institute of Technology	16-11-2019	19-11-2019	4	Online	250	30
9	Simulative automation theory of wireless sensor network	Innovation	Employment Generation Training Programs	Dr T Thimmaiah institute of technology	25-09-2019	28-09-2019	4	Online	350	31
10	Universal Human Values	Innovation	Employment Generation Training Programs	Dr T Thimmaiah Institute of technlogy	12-08-2020	16-08-2020	5	Online	200	30
11	Emerging trends in IT Industry	Innovation	Employment Generation Training Programs	Dr T Thimmaiah institute of technology	03-08-2020	06-08-2020	4	Online	300	32
12	Digital teaching Techniques	Innovation	Employment Generation Training Programs	ICT Academy	29-06-2020	04-07-2020	6	Online	200	48
13	Motivational session by successful innovator	Innovation	Employment Generation Training Programs	Dr T Thimmaiah institute of technology	30-11-2020	03-12-2020	4	Online	216	30
14	Working on advanced computation in data structure appliication	Innovation	Employment Generation Training Programs	Dr T Thimmaiah institute of technology	16-11-2019	19-11-2019	4	Offline	300	30
15	FDP on V20	Innovation	Employment Generation Training Programs	North Strome Academy	13-05-2020	16-05-2020	4	Online	250	30
16	Webinar titled data analysis and artifical neural network	Innovation	Employment Generation Training Programs	Sky Leadership Foundation	05-07-2020	08-07-2020	4	Online	310	31

17	Webinar on network analytics tools utilities	Innovation	Employment Generation Training Programs	BMSIT and Management	29-06-2020	02-07-2020	4	Online		200	30
18	Faculty awareness program on NBA	Innovation	Employment Generation Training Programs	Dr DY Patil School	19-05-2020	22-05-2020	4	Online		500	30
19	FDP on R Programming	Innovation	FDP in I&E / IPR	Smt Kamala and Sri Venkatappa M AgadiCollege of Engineering	28-05-2020	31-05-2020	4	Online		210	30
20	Webinar on challenges of 5G for future wireless communication	Innovation	Employment Generation Training Programs	Dr T Thimmaiah institute of technology	25-06-2020	28-06-2020	4	Online		250	31
21	Webinar on universal humman values	Innovation	Employment Generation Training Programs	Dr T Thimmaiah Institute of Technology	12-08-2020	15-08-2020	4	Online		500	32
22	Research Methodology	Innovation	Employment Generation Training Programs	Cambridge Institute of Technology	13-03-2020	16-03-2020	4	Offline		260	30
23	Research Avenues and pratical applications in concrete technology	Innovation	Employment Generation Training Programs	BMS college of Engineering	25-10-2020	28-10-2020	4	Offline		260	31
24	Advances in Highway systems	Innovation	Employment Generation Training Programs	Dayananda sagar ollege of Engineering	23-06-2020	26-06-2020	4	Online		210	30
25	Application of artifical intelligenee to prediction of properties of concrete	Innovation	Employment Generation Training Programs	Ultratech cement limited	27-11-2020	30-11-2020	4	Online		250	30
26	Future of higher education Nine mega trends	Innovation	Employment Generation Training Programs	ICT Academy	30-06-2020	03-07-2020	4	Online		210	30
27	Advances in Geotechnical Engineering	Innovation	Employment Generation Training Programs	Bhemanna khandre institute of technology	15-07-2020	18-07-2020	4	Online		110	30
28	Rehabilitation retrofitting of structures	Innovation	Employment Generation Training Programs	sree vidyanikethan enginnering college	04-06-2020	07-06-2020	4	Online		220	30
29	Contemporary tools and technique foor teacher and resources in higher education experience as using virtual classroom	Innovation	Employment Generation Training Programs	Cambridge institute of technology	09-05-2020	12-05-2020	4	Online		250	30
30	Computational trends and applications in civil engineering	Innovation	Employment Generation Training Programs	JSS Academy technical education india	08-06-2020	11-06-2020	4	Online		260	30
31	Progress of concrete science since the time W Duff A Abrams	Innovation	Employment Generation Training Programs	KDK College of Engineering Nagpur	07-05-2020	11-05-2020	5	Online		270	30
32	Emerging Technologies in transportation engineering for sustainable development	Innovation	Employment Generation Training Programs	Vignana Bharathi Institute of Technology	02-11-2020	07-11-2020	6	Online		250	32
33	Vastu shastra in modern civil engineering	Innovation	Employment Generation Training Programs	KDK College of Engineering	10-06-2020	13-06-2020	4	Online		300	30

| 34 | Research Avenues and practical applications in concrete technology | Innovation | Employment Generation Training Programs | BMS College of Engineering | 25-10-2019 | 29-10-2019 | 5 | Online | | 300 | 30 | |

List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?		Had the faculty received training on I&E & IPR during AY 2019-20
1	MANJUNATH SINGH H	Department of Computer Science	Asst Professor	Highest degree name in I&E and IPR	Innovation	No
				Degree Type	PG	
				Year of Highest degree in I&E and IPR	2020	
2	MANJUNATH SINGH H	Department of Computer Science and Engineering	Asst Professor	Highest degree name in I&E and IPR	Innovation	No
				Degree Type	UG	
				Year of Highest degree in I&E and IPR	2020	
3	Manjunath Singh H	Departmenet of Computer Science and Engineering	Asst Professor	Highest degree name in I&E and IPR	Entrepreneurship	Yes
				Degree Type	PG	
				Year of Highest degree in I&E and IPR	2020	

	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

4	PREMALATHA D	Department of ComputerScience and Engineering	Asst Professor	Highest degree name in I&E and IPR	innovation	No
				Degree Type	UG	
				Year of Highest degree in I&E and IPR	2019	
5	Premalatha D	Department of Computerscience and Engineering	Asst Professor	Highest degree name in I&E and IPR	Innovation	No
				Degree Type	UG	
				Year of Highest degree in I&E and IPR	2019	

6	A Mercy Flora Prathiba	Department of Computer Science	Asst Professor	Highest degree name in I&E and IPR	Innovation	No
				Degree Type	Diploma	
				Year of Highest degree in I&E and IPR	2020	

7	A Mercy Flora Prathiba	Department of Computer Science and Engineering	Asst Prof	Highest degree name in I&E and IPR	Innovation	No
				Degree Type	UG	
				Year of Highest degree in I&E and IPR	2020	

8	Revathi S	Department of Computer Science and Engineering	Asst Professor	Highest degree name in I&E and IPR	Innovation	Yes
				Degree Type	UG	
				Year of Highest degree in I&E and IPR	2019	

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

9	Hamsalatha J	Department of Computer Science and Engineering	Asst Professor	Highest degree name in I&E and IPR	Entrepreneurship	Yes
				Degree Type	Diploma	
				Year of Highest degree in I&E and IPR	2020	

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

10	Santhosh Kumari	Department of Computer Science and Engineering	Asst Professor	Highest degree name in I&E and IPR	Innovation	Yes
				Degree Type	Diploma	
				Year of Highest degree in I&E and IPR	2020	

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

11	Santhosh Kumari	Department of Computer Science and Engineering	Asst Professor	Highest degree name in I&E and IPR	Innovation	Yes
				Degree Type	Diploma	
				Year of Highest degree in I&E and IPR	2020	

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 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

No Data FIled!

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!

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!