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

Institute Name: Nalla Narasimha Reddy Education Society`s Group of Institutions [ARI-C-19726]

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	R and D Center	Research Unit / Park	Electronics and Communication Department	UG / PG / PhD	Technical	268	163	105
2	Department of Computer Science and Engineering	Academic Department with lab facility	computer science and engineering	UG / PG / PhD	Technical	482	21	12
3	Department of Electronics and Communications Engineering	Academic Department with lab facility	Electronics and communications engineering	UG / PG / PhD	Technical	442	21	5
4	Department of Electrical and Electronics Engineering	Academic Department with lab facility	EEE	UG / PG / PhD	Technical	127	9	4
5	Department of Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	181	18	8
6	Department of Civil Engineering	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	143	9	4

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 : IC201912706
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	Program Theme	Program Type	Program Category	Organizing Departm	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants	Internal Participants	External Participants	External Participants	Total Number of	Had institute spent expenses either from own resource/received fund to	Did any of the participants received any awards/recognition for startup / innovation ideas /

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

	Name)			ent / Centre / Student Body Name					(Student)	(Faculty)	(Student)	(Faculty)	Participants	organise the program/activity/event?		research?
1	Simulation of Substation on ETAP and adoption of Relay Settings	Innovation	Seminar	Institute Lead Activity	Electrical and Electronics Engineering	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	95	12	0	0	107	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2500		No
2	Industrial Visit to T-SAT	Innovation	Awareness	Institute Lead Activity	Department of ECE	30-09-2019 00:00:00	30-09-2019 00:00:00	1	Outside Campus	96	2	0	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000		No
3	Guest Lecture on Strategic and Civil Aviation Applications of GNSS	IPR	Seminar	Institute Lead Activity	Department of ECE	30-10-2019 00:00:00	30-10-2019 00:00:00	1	Within Campus	210	15	0	0	225	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000		No
4	Workshop on Embedded Systems on Arduino & IoT	Innovation	Workshop	Institute Lead Activity	Department of ECE	09-12-2019 00:00:00	14-12-2019 00:00:00	6	Within Campus	100	1	0	0	101	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 35000		No
5	Workshop on PCB Design & Fabrication	Innovation	Workshop	Institute Lead Activity	Department of ECE	03-01-2020 00:00:00	07-01-2020 00:00:00	5	Within Campus	84	1	0	0	85	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 30000		No
6	Guest Lecture on Indigenious Satellites - IRNSS & GAGAN Systems	Innovation	Seminar	Institute Lead Activity	Department of ECE	25-01-2020 00:00:00	25-01-2020 00:00:00	1	Within Campus	96	3	0	0	99	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000		No
7	Industrial Visit to Roshni Microsystems Pvt. Ltd.	Innovation	Exposure visit	Institute Lead Activity	Department of ECE	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Outside Campus	53	1	0	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000		No

8	Guest Lecture on Humanoid Robots from Robotic Systems	Innovation	Seminar	Institute Lead Activity	Department of ECE	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	89	2	0	0	91	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No
9	Industrial Visit to Ambica Industries	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of ECE	22-02-2020 00:00:00	22-02-2020 00:00:00	1	Outside Campus	46	1	0	0	47	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000	No
10	Workshop on VLSI Design using Verilog HDL	Innovation	Workshop	Institute Lead Activity	Department of ECE	17-02-2020 00:00:00	17-02-2020 00:00:00	1	Within Campus	96	2	0	0	98	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 15000	No
11	Workshop on Embedded Systems on Arduino & IoT by Armtronics	Innovation	Workshop	Institute Lead Activity	Department of ECE	11-03-2020 00:00:00	12-03-2020 00:00:00	2	Within Campus	92	1	0	0	93	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 24000	No
12	Model Exhibition on Civil Engineering Structures	Innovation	Exhibition	Institute Lead Activity	Civil Engineering	28-02-2020 00:00:00	29-02-2020 00:00:00	2	Within Campus	50	0	30	0	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	Award / Position / Recognition Secured: Cash Prize; Title of Innovation / Start-up Secured the Award / Recognition: Model on Golden Temple; Award/Recognition/Achievement Received for: Business Model/Start up
13	Tech Samprathi 2K20	Entrepreneurship/Startup	Ideation	Institute Lead Activity	Civil Engineering	28-02-2020 00:00:00	29-02-2020 00:00:00	2	Within Campus	60	0	20	0	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No

14	Significance of kaleswaram project in Telangana state	Innovation	Seminar	Institute Lead Activity	Civil Engineering	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	105	0	0	0	105	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
15	Software Applications in Civil Engineering	Innovation	Seminar	Institute Lead Activity	Civil Engineering	26-08-2019 00:00:00	26-08-2019 00:00:00	1	Within Campus	60	0	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
16	Insights for the execution of a project work in Civil Engineering	Innovation	Seminar	Institute Lead Activity	Civil Engineering	20-08-2019 00:00:00	20-08-2019 00:00:00	1	Within Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
17	G.I.S using Modern Technologies	Innovation	Seminar	Institute Lead Activity	Civil Engineering	13-08-2019 00:00:00	13-08-2019 00:00:00	1	Within Campus	50	0	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
18	Design of Multi Storey Building Using Stadd Pro V8i.	Innovation	Workshop	Institute Lead Activity	Civil Engineering	17-02-2020 00:00:00	21-02-2020 00:00:00	5	Within Campus	37	0	0	0	37	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
19	Applications of E-TABS	Innovation	Workshop	Institute Lead Activity	Civil Engineering	04-11-2019 00:00:00	08-11-2019 00:00:00	5	Within Campus	45	0	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
20	Industrial Visit to Chowmahalla Palace	Innovation	Awareness	Institute Lead Activity	Civil Engineering	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Outside Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1500	No

21	Bituminous Mix Plant, Krushi Infra, Tarapamatipeta, Hyderabad	Innovation	Exposure visit	Institute Lead Activity	Civil Engineering	08-01-2020 00:00:00	08-01-2020 00:00:00	1	Outside Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1500	No
22	Geological Survey of India, Bandlaguda, Hyderabad	Innovation	Exposure visit	Institute Lead Activity	Civil Engineering	05-09-2019 00:00:00	05-09-2019 00:00:00	1	Outside Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1500	No
23	Indian Metrological Cal Department Begumpet	Innovation	Exposure visit	Institute Lead Activity	Civil Engineering	28-08-2019 00:00:00	28-08-2019 00:00:00	1	Outside Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1500	No
24	NRSC (NATIONAL REMOTE SENSING CENTER), Jeedimetla, Hyderabad	Innovation	Exposure visit	Institute Lead Activity	Civil Engineering	06-08-2019 00:00:00	06-08-2019 00:00:00	1	Outside Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1500	No
25	FLIPPED CLASS	Innovation	Innovation Contest	Institute Lead Activity	Civil Engineering	20-12-2019 00:00:00	01-01-2020 00:00:00	13	Within Campus	0	11	0	0	11	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1000	No
26	Convergence of Emerging Tecnologies in Computer Science & Engineering (CETCSE - 2K20)	Innovation	Conference	Institute Lead Activity	Computer Science and Engineering	06-03-2020 00:00:00	07-03-2020 00:00:00	2	Within Campus	32	23	24	53	132	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 25000	No
27	Internal Hackathon for SIH2020	Innovation	Hackathon	Student Lead Activity	Computer Science and Engineering	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	54	0	4	0	58	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No

28	Pro - Champs	Innovation	Innovation Contest	Student Lead Activity	Computer Science and Engineering	28-02-2020 00:00:00	29-02-2020 00:00:00	2	Within Campus	56	0	15	0	71	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
29	Paper Presentation	Innovation	Ideation	Student Lead Activity	Computer Science and Engineering	28-02-2020 00:00:00	29-02-2020 00:00:00	2	Within Campus	48	0	12	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
30	App-Expro	Innovation	Innovation Contest	Student Lead Activity	Computer Science and Engineering	28-02-2020 00:00:00	29-02-2020 00:00:00	2	Within Campus	30	0	4	0	34	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
31	Cyber Security	Innovation	Seminar	Student Lead Activity	Computer Science and Engineering	14-03-2020 00:00:00	14-03-2020 00:00:00	1	Within Campus	115	0	0	0	115	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
32	PHP Script	Innovation	Seminar	Student Lead Activity	Computer Science and Engineering	07-03-2020 00:00:00	07-03-2020 00:00:00	1	Within Campus	102	0	0	0	102	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
33	Object Oriented Concepts through JAVA	Innovation	Seminar	Student Lead Activity	Computer Science and Engineering	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	115	0	0	0	115	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
34	Industrial Visit to Infosys, Hyderabad	Innovation	Exposure visit	Student Lead Activity	Computer Science and Engineering	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Outside Campus	98	3	0	0	101	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No

35	Industrial Visit to RTTC BSNL, Hyderabad	Innovation	Exposure visit	Student Lead Activity	Computer Science and Engineering	17-09-2019 00:00:00	17-09-2019 00:00:00	1	Outside Campus	87	4	0	0	91	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2500	No
36	Advocacy on Digital Safety	Innovation	Awareness	Student Lead Activity	Computer Science and Engineering	17-08-2019 00:00:00	17-08-2019 00:00:00	1	Within Campus	121	10	0	0	131	No	No
37	The Role of Additive Manufacturing in Industry	Innovation	Awareness	Institute Lead Activity	Mechanical Engineering	06-11-2019 00:00:00	06-11-2019 00:00:00	1	Within Campus	41	0	0	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10616	No
38	Displine-A Key to Success and how to crack the interviews	Innovation	Motivational speak	Institute Lead Activity	Mechanical Engineering	14-11-2019 00:00:00	14-11-2019 00:00:00	1	Within Campus	43	0	0	0	43	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10419	No
39	Hands on Expperience in 3D Modelling & Additive Manufacturing	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	18-02-2020 00:00:00	24-02-2020 00:00:00	7	Within Campus	18	0	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 36997	No
40	Uday Engineering Works	Innovation	Exposure visit	Institute Lead Activity	Mechanical Engineering	06-11-2019 00:00:00	06-11-2019 00:00:00	1	Outside Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 13065	No
41	INDEXPO 2019	Innovation	Exposure visit	Institute Lead Activity	Mechanical Engineering	07-09-2019 00:00:00	07-09-2019 00:00:00	1	Outside Campus	60	0	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 11600	No
42	Women Entrepreneurship Startup Bootcamp	Entrepreneurship/ Startup	Boot camp	Institute Lead Activity	Women Cell in association with Entrepreneurship Development Cell	24-09-2019 00:00:00	24-09-2019 00:00:00	1	Within Campus	170	30	0	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000	No

43	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	03-10-2019 00:00:00	05-10-2019 00:00:00	3	Within Campus	107	20	0	0	127	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 30825	No
44	Build the Enterprise of Your Dreams	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	410	82	0	0	492	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No
45	Projects Exhibition	Innovation	Exhibition	Institute Lead Activity	Institution Innovation Council	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	40	12	0	0	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No
46	A One Day Entrepreneurship Development Awareness Programme	Entrepreneurship/Startup	Awareness	Institute Lead Activity	School of Pharmacy	31-08-2019 00:00:00	31-08-2019 00:00:00	1	Within Campus	87	20	0	0	107	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 6000	No
47	World Pharmacist Day Safe and Effective Medicine for all	Entrepreneurship/Startup	Skill development	Institute Lead Activity	School of Pharmacy	25-09-2019 00:00:00	25-09-2019 00:00:00	1	Within Campus	131	28	0	0	159	No	No
48	Field Trip o Centre for Celluar & Molecular Biology	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	School of Pharmacy	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Outside Campus	45	4	0	0	49	No	No
49	One Week Refresher programme on Research Mehodology and Experimenal Daa Analysis - RMEDA-2019	IPR	Skill development	Institute Lead Activity	Nalla Narasimha Reddy Group of Institutions, School of Pharmacy	25-11-2019 00:00:00	30-11-2019 00:00:00	6	Within Campus	20	10	5	5	40	No	No

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

50	A Two Day Naional Workshop on Cheminformatics and Molecular Docking Hands on Approach	Innovation	Workshop	Institute Lead Activity	Nalla Narasimha Reddy Group of Institutions, School of Pharmacy	02-10-2019 00:00:00	02-11-2019 00:00:00	32	Within Campus	0	13	0	30	43	No	No
51	A Two Day National Level Technical Symposium Pharmasamprathi-2020	Innovation	Conference	Institute Lead Activity	Nalla Narasimha Reddy Group of Institutions, School of Pharmacy	28-02-2020 00:00:00	29-02-2020 00:00:00	2	Within Campus	20	5	5	5	35	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

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	Internship on Multidisciplinary Applications	Innovation	Training	ECIL	Govt. Agency (Central)	03-06-2019 00:00:00	02-07-2019 00:00:00	30	32	0	32	No	---	---	No	No
2	Internship on Automated Robotic Systems	Innovation	Training	ARRO	Non-Govt. Agencies	03-06-2019 00:00:00	05-07-2019 00:00:00	33	7	0	7	No	---	---	No	No
3	Internship on Telemetry Systems	Innovation	Training	DRDO	Govt. Agency (Central)	30-05-2019 00:00:00	14-06-2019 00:00:00	16	30	0	30	No	---	---	No	No
4	Modeling and Control of Traffic Under Mixed Conditions	Innovation	Training	IIT Madras	Educational Institute	02-12-2019 00:00:00	07-12-2019 00:00:00	6	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 1000	No

5	Tech Fest	Entrepreneurship/ Startup	Skill development	Talla Padmavathi College of Engineering	Educational Institute	08-11-2019 00:00:00	09-11-2019 00:00:00	2	8	0	8	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 4000	No
6	Effective Teaching and Learning practices for Design and Operation of Water Supply Systems	Innovation	Training	NIT Warangal	Educational Institute	20-05-2019 00:00:00	25-05-2019 00:00:00	6	0	3	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 3000	No
7	NBA-OBE And SAR Filling	Innovation	Training	JNTUH	Educational Institute	24-05-2019 00:00:00	25-05-2019 00:00:00	2	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 1000	No
8	Recent Advances in Pile Foundation Design, Construction and Testing	Innovation	Training	IIT BOMBAY	Educational Institute	24-06-2019 00:00:00	28-06-2019 00:00:00	5	0	3	3	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 6000	No
9	Xcel thon 2020	Innovation	Hackathon	JNTUH, Hyderabad	Educational Institute	14-02-2020 00:00:00	15-02-2020 00:00:00	2	7	0	7	No	---	---	No	No
10	Mechine Learning	Innovation	Workshop	IIT, Hyderabad	Educational Institute	17-08-2019 00:00:00	18-08-2019 00:00:00	2	3	0	3	No	---	---	No	No
11	Ethical hacking	Innovation	Workshop	IIT, Hyderabad	Educational Institute	17-08-2019 00:00:00	18-08-2019 00:00:00	2	2	0	2	No	---	---	No	No
12	Artificial Intelligence	Innovation	Workshop	IIT, Hyderabad	Educational Institute	17-08-2019 00:00:00	18-08-2019 00:00:00	2	1	0	1	No	---	---	No	No
13	Nptel Certification Course on Data Structure	Innovation	Skill development	MHRD	Govt. Agency (State)	01-07-2019 00:00:00	31-08-2019 00:00:00	62	11	1	12	No	---	---	No	No
14	ISCI-2K19	Innovation	Conference	CMR Technical Campus, Hyderabad	Educational Institute	02-11-2019 00:00:00	03-11-2019 00:00:00	2	0	4	4	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 60000	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

| 15 | NTCOMIS, Pune | Innovation | Conference | Bharati Viddyapeeth, Pune | Educational Institute | 17-01-2020 00:00:00 | 18-01-2020 00:00:00 | 2 | 0 | 1 | 1 | No | --- | --- | TotalTotal Expense Amount Incurred by Institute? (In Rupees) 1000 | No |
| 16 | All India Seminar on RECENT TRENDS IN AUTOMATION AND DIGITAL MANUFACTURING | Innovation | Seminar | The Institution of Engineers (India), Khairathabad | Govt. Agency (Central) | 23-09-2019 00:00:00 | 24-09-2019 00:00:00 | 2 | 52 | 0 | 52 | 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	Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	School of Management Sciences	03-02-2020	20-05-2020	108	Offline	37	60
2	Circuit Design and Its Applications	Innovation	Short term Course	Short Term Certificate Course	Department of ECE	05-08-2019	10-08-2019	6	Offline	38	36
3	Internet of Things (IoT)	Innovation	Short term Course	Short Term Certificate Course	Department of ECE	06-01-2020	11-01-2020	6	Offline	24	36
4	Research Methodology and IPR	IPR, Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of ECE	03-08-2019	09-12-2019	129	Offline	10	40
5	Artificial Intelligence	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Department of ECE	03-07-2019	07-11-2019	128	Offline	100	52
6	VLSI Design	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of ECE	03-07-2019	07-11-2019	128	Offline	100	52
7	Actuators and Robot Systems	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of ECE	02-01-2020	03-04-2020	93	Offline	100	46
8	Technical Seminars	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of ECE	03-07-2019	07-11-2019	128	Offline	100	36
9	Industry Oriented Mini Project	Entrepreneurship/Startup, Innovation	Full time Program	Major/Minor Specialization	Department of ECE	03-07-2019	07-11-2019	128	Offline	100	30
10	Major Project	Entrepreneurship/Startup, Innovation	Full time Program	Major/Minor Specialization	Department of ECE	03-07-2019	07-11-2019	128	Offline	100	30
11	PRIMAVERA FOR CONSTRUCTION MANAGEMENT	Entrepreneurship/Startup, Innovation	Short term Course	Short Term Certificate Course	Civil Engineering	23-09-2019	28-09-2019	6	Offline	34	30
12	APPLICATION OF ARC GIS	Entrepreneurship/Startup, Innovation	Short term Course	Short Term Certificate Course	Civil Engineering	20-01-2020	25-01-2020	6	Offline	70	30

13	Intellectual Property Rights	IPR	Elective/Core Credit Course	Credit Course (Elective)	Computer Science and Engineering	18-12-2019	24-04-2020	129	Offline	102	64
14	Entrepreneurship and Small Business Enterprises	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Mechanical Engineering	24-12-2019	24-04-2020	123	Offline	79	50
15	Industry Oriented Mini Project	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Mechanical Engineering	15-07-2019	20-11-2019	129	Offline	80	48
16	Major Project	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Mechanical Engineering	24-12-2019	24-04-2020	123	Offline	80	320

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)

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	Computational Intelligence for Multimedia	Innovation	FDP in I&E / IPR	Department of ECE NIT Trichy	13-05-2019	17-05-2019	5	Offline	1	30
2	Machine Learning in Image and Computer Vision Applications	Innovation	FDP in I&E / IPR	NIT Warangal - Department of ECE	24-06-2019	29-06-2019	6	Offline	1	36
3	5G Wireless Communications	Innovation	FDP in I&E / IPR	Department of ECE - NIT Warangal	29-05-2019	03-06-2019	6	Offline	2	36
4	DNA Mixed Signal IC Design for Portable Systems	Innovation	FDP in I&E / IPR	Department of ECE - NIT Warangal	27-05-2019	31-05-2019	5	Offline	6	36
5	Computer Vision and Image Processing	Innovation	FDP in I&E / IPR	Department of ECE - NIT Warangal	11-06-2019	16-06-2019	6	Offline	4	36
6	Fabrication of Nano-composite materials for Engineering Applications	Innovation	FDP in I&E / IPR	Department of ECE - NIT Warangal	06-05-2019	10-05-2019	5	Offline	2	36
7	Nano Devices and Circuits	Innovation	FDP in I&E / IPR	Department of ECE - NIT Warangal	17-06-2019	22-06-2019	6	Offline	1	36

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 M.A .Khadar Baba	ISTE-NNRG	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 B.C.Prem Kumar	ISTE-NNRG	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	Mr P.S.Sreenivas Reddy	ISTE-NNRG	Associate Prof	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
4	Mr B.Chandrashaker Reddy	ISTE-NNRG		Associate Prof		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	Mr Y.Devender Reddy	ISTE-NNRG		Associate Prof		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
6	Mr S.Madhu	ISTE-NNRG		Assistant Prof		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
7	Mr S.Srinivas Rao	ISTE-NNRG		Associate Prof		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
8	Mr A.Gopal	ISTE-NNRG		Associate Prof		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
9	Ms B.Suneetha	ISTE-NNRG		Associate Prof		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
10	Dr. G. Janardhana Raju	Mechanical Engineering		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
11	Dr. G. Janardhana Raju	Mechanical Engineering		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
	Pythan for Data Science	Innovation	Short term Certificate	NPTEL	Govt. Agency (Central)	01-01-2020 00:00:00	01-02-2020 00:00:00	32	Online
12	Mr. K. Suresh kumar	Mechanical Engineering		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
13	Mr. G. KIRAN KUMAR	Mechanical Engineering		Assistant 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

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	Idea Club	Idea Club	2018	Co-working Space,3D Printing	Incubation Unit	1	S. Raj Kamal	rajkamalsomavarapu@gmail.com	9848028853

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-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
1	Incubation Centre	Innovation Centre	2018	Co-working Space	Incubation Unit	Incubation Unit	Facility Incharge Name: S Madhu; Facility Incharge Email: madhuesforu@gmail.com; Facility Incharge Phone: 9959338907	0	No	No	No

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?

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

1	Incubation Center	2018	Innovation Labs			6	No	No	No
					Facility Incharge Name — Dr. G. Janardhana Raju **Facility Incharge Email** — deansoe@nnrg.edu.in **Facility Incharge Phone** — 9885294437				

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

No Data FIled!

Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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 FIled!

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

No Data FIled!

Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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

No Data Flled!

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

No Data Flled!

Declaration

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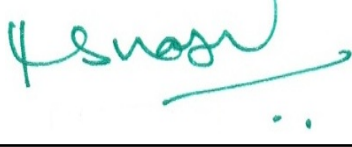MHRD's Innovation Cell
New Delhi

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. C.V.Krishna Reddy (Head of Institute) and Mr. Kadali Srinivas (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. C.V.Krishna Reddy
Head of the Institution,
Hyderabad, Telangana

Mr. Kadali Srinivas
Nodal Officer,
Hyderabad, Telangana