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

Institute Name: G.Pulla Reddy Engineering College [ARI-C-26905]

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	G.Pulla Reddy Engineering College Innovation and Incubation Center	Incubation Unit	Agriculture and Allied Fields,Transport,Electricity and Renewable Energy, Building Materials and construction Technology,Sensor Technology,Information andCommunication Technology,Internet of Things,E-Commerce,Artificial Intelligence amd Machine Learning	UG / PG / PhD	Technical	2000	194	150
2	Entrepreneurship And Development Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	E-Commerce,Robotics	UG / PG / PhD	Technical	2000	194	150
3	Internet of Things Lab	Academic Department with lab facility	Embedded systems,Internet of Things	UG / PG / PhD	Technical	300	36	15
4	G Pullareddy Engineering college Innovation and Incubation Center	Incubation Unit	e-commerce and IoT, AI, Embedded Systems	UG / PG / PhD	Technical	3500	194	150
5	Entrepreneur ship cell	Industry Institute Interface Unit	industry, institution activities, Enterpreneur programs	UG / PG / PhD	Technical	3500	194	150
6	Research and Development cell	Research Unit / Park	research activities, funding projects , Publication	UG / PG / PhD	Technical	3500	194	150
7	IPR and Patent cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Patent filing, IPR generation, Technology Transfer	UG / PG / PhD	Technical	3500	194	150
8	Electronics and Communication Engineering	Academic Department with lab facility	Teaching, Learning, laboratory	UG / PG / PhD	Technical	720	39	11
9	Computer Science and Engineering	Academic Department with lab facility	Teaching, Learning, laboratory	UG / PG / PhD	Technical	720	41	15

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

10	Electrical and Electronics Engineering	Academic Department with lab facility	Teaching, Learning, laboratory	UG / PG / PhD	Technical	480	39	13
11	Mechanical Engineering	Academic Department with lab facility	Teaching, Learning, laboratory	UG / PG / PhD	Technical	480	43	15

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 : IC202014406
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

No Data Flled!

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	Awareness program on National Innovation and Startup Policy of MHRD was organized to both faculty and students on 25-10-2019.	Innovation	Awareness	G Pulla Reddy Engineering College (Autonomous)	Educational Institute	25-10-2019 00:00:00	25-10-2019 00:00:00	1	100	2	102	No	---	---	No	No

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

2	Awareness program on National Innovation and Startup Policy of MHRD was organized to both faculty and students on 25-10-2019.	Innovation	Awareness	Dr. NagabhushanaRaju, Professor and Dean of Engineering, Director of AIC, SKU, Anantapuramu.	Educational Institute	25-10-2019 00:00:00	25-10-2019 00:00:00	1	250	60	310	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 DEVELOPMENT	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	MECHANICAL ENGINEERING	26-06-2020	30-10-2020	127	Offline	780	40

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	INTELLECTUAL PROPERTY RIGHTS	IPR	FDP in I&E / IPR	Research and development cell GPREC	13-07-2020	20-07-2020	8	Online	250	48
2	How to teach students to adopt Entrepreneurship as Career	Entrepreneurship/Startup	FDP in I&E / IPR	EDII Entrepreneurship Development Institute of India Ahmedabad supported by NSDB Department of Science and Technology	17-12-2019	28-12-2019	12	Offline	248	48

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)

No Data FIled!

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	GPREC Innovation and Entrepreneurship development cell	Innovation Club	2008	3D Printing	Innovation Labs	15	K Rohit	189x1a0444@gprec.ac.in	9701604560

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	GPREC Innovation Cell	Innovation Centre	2019	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	Facility Incharge Name: Dr Srinivas; Facility Incharge Email: srinivas.ece@gprec.ac.in; Facility Incharge Phone: 9494555001	8	Yes	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)

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	GPREC Innovation and Incubation Centre	2018	Incubation Unit,Innovation Labs,Student Clubs		Facility Incharge Name: Dr Srinivas; Facility Incharge Email: srinivas.ece@gprec.ac.in; Facility Incharge Phone: 9494555001	8	Yes	No	No

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 | GPREC INNOVATION AND INCUBATION CENTRE | 2018 | Innovation Labs,Centre of Excellence with Advance Tools,Student Clubs | | Facility Incharge Name: Dr DR SRINIVAS
Facility Incharge Email: srinivas.ece@gprec.ac.in
Facility Incharge Phone: 9494555001 | 8 | Yes | No | No |

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registerd as		Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/ Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs 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 Venture establishment during the financial period 2019-20	Had the venture/startup 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 venture/startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20
1	VN Technologies	Service Innovation	Technological	5328	Student	Venture with Corporate Identification Number (CIN) Registration	29AHRPN8888P3ZM	2018-19	Received Incubation Support from Incubation Unit	No	No	No	No	No

Name	DIN number	Type	Gender	Email	Contact
Pavan Kumar VN	57676	Student	Male	iicinfo@gprec.ac.in	9652323687

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registerd as		Year of Registration	What is the current status	Had the Venture Received any Recognition	Had Centre/institute provided any Financial support	Had the venture/startup raised any Seed fund	Had the Pre-incubation/Incubation Centre	Has the Start-up Grown
2	kALAK Consumer Products	Management Process	Non-Technological	5328	Student	Venture with Corporate Identification Number (CIN) Registration	HR872888230	2019-20	Received Incubation Support from Incubation Unit	No	No	No	No	No

Name	DIN number	Type	Gender	Email	Contact
kalak vimal kumar	08965899	Student	Male	kalakvimal@gmail.com	7095857506

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	Acorn Embedded systems Pvtd	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	200	21-11-2020
2	wanabuy India pvtd	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	247	05-08-2020
3	Andhra pradesh Innovation society	Govt. Agency (State)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Incubation,Mentoring	574	06-11-2019

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

No Data FIled!

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 BLUETOOTH BASED THERMAL SCANNER AND DATA MONTORING SYSTEM	202041028295	National	2020 - 02	Uploaded

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

No Data 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. B.Sreenivasa Reddy (Head of Institute) and Mr. Dr D R 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.
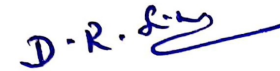
Thank you

The Head of Institute

Nodal officer

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Dr. B.Sreenivasa Reddy
Head of the Institution,
Kurnool, Andhra Pradesh

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Mr. Dr D R Srinivas
Nodal Officer,
Kurnool, Andhra Pradesh

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