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

Institute Name: Bapatla Engineering College [ARI-C-42660]

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	Computer Science and Engineering	Academic Department with lab facility	Not defined	At all level	Technical	692	28	5
2	Information Technology	Academic Department with lab facility	Not defined	At all level	Technical	249	16	1
3	Electronics and Instrumentation Engineering	Academic Department with lab facility	Not defined	At all level	Technical	71	7	3
4	Bosch Rexroth Centre of Excellence	Centre of Excellence with Advance Tools & Equipment	Multi sector	At all level	Technical	322	6	2
5	Siemens Centre of Excellence	Centre of Excellence with Advance Tools & Equipment	Not defined	At all level	Technical	296	6	1
6	Electrical and Electronics Engineering	Academic Department with lab facility	Not defined	At all level	Technical	486	27	5
7	Mechanical Engineering	Academic Department with lab facility	Not defined	At all level	Technical	513	35	8
8	Electronics and Communication Engineering	Academic Department with lab facility	Not defined	At all level	Technical	743	28	5
9	Civil Engineering	Academic Department with lab facility	Not defined	At all level	Technical	497	34	7
10	Cyber Security lab	Research Unit / Park	Not defined	UG / PG / PhD	Technical	152	6	1
11	Data Analytics Lab	Research Unit / Park	Not defined	UG / PG / PhD	Technical	152	6	1
12	Cloud Programming	Research Unit / Park	Not defined	UG / PG / PhD	Technical	172	6	1
13	CAD lab ME Department	Research Unit / Park	not defined	At all level	Technical	464	12	1
14	Advanced Communications Lab	Research Unit / Park	Not defined	UG / PG / PhD	Technical	184	6	2

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

15	Civil Engineering	Academic Department with lab facility	not defined	Diploma / Polytechnic	Technical	119	5	3
16	Mechanical Engineering	Academic Department with lab facility	Not defined	Diploma / Polytechnic	Technical	129	7	3
17	Electrical and Electronics Engineering	Academic Department with lab facility	Not defined	Diploma / Polytechnic	Technical	106	5	3
18	Electronics and Communication Engineering	Academic Department with lab facility	Not defined	Diploma / Polytechnic	Technical	129	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 : IC201811112
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 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	Organise a workshop /Seminar/ Call for Paper presentation on Innovation/Social Innovation & Entrepreneurship	Entrepreneurship/ Startup, Innovation	Workshop	Institute Lead Activity	Bapatla Engineering College, Bapatla	04-12-2019 00:00:00	04-12-2019 00:00:00	1	Within Campus	100	10	0	0	110	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 15000	No
2	India First Leadership Talk Series	Innovation	Innovation Contest	Institute Lead Activity	Bapatla Engineering College, Bapatla	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	50	10	0	0	60	No	No

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

3	"TEKHACK-2019, 1.5 DAY BOOT CAMP & 24 HOURS HACKATHON on IOT"	Entrepreneurship/Startup, Innovation	Hackathon	Institute Lead Activity	Bapatla Engineering College, Bapatla	12-12-2019 00:00:00	13-12-2019 00:00:00	2	Within Campus	181	20	0	0	201	No	No
4	Product Development Phases - Story Telling - (Innovators in Campus)	Innovation	Workshop	Institute Lead Activity	Bapatla Engineering College, Bapatla	27-12-2019 00:00:00	27-12-2019 00:00:00	1	Within Campus	135	5	0	0	140	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1800	No
5	Challenging Avenues And Research On Fuel Cell Operated Electric Vehicle Retro Fitting	Innovation	Workshop	Institute Lead Activity	Bapatla Engineering College	06-01-2020 00:00:00	06-01-2020 00:00:00	1	Within Campus	196	25	0	0	221	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 386000	No
6	Idea Submission in Smart India Hackathon 2020	Innovation	Hackathon	Institute Lead Activity	Bapatla Engineering College, Bapatla	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	60	10	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 15000	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	Innovative Idea Competition for Mechanical Engineering Students	Entrepreneurship/Startup	Innovation Contest	Department of Mechanical Engineering, Bapatla Engineering College, Bapatla	Educational Institute	09-09-2019 00:00:00	09-09-2019 00:00:00	1	10	10	20	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	IEED (Industrial Engineering Entrepreneurship Development)	Entrepreneurship/Startup	Full time Program	Bachelor	Mechanical Engineering Department	17-06-2019	26-10-2019	132	Offline	141	60
2	IMED (Industrial Management Entrepreneurship Development)	Entrepreneurship/Startup	Full time Program	Bachelor	Mechanical Engineering Department	25-11-2019	17-03-2020	114	Offline	73	55

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)

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

No Data FIled!

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)

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?

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

1	Bosch Rexroth Centre of Excellence	2012	Pre-Incubation	NA	Facility Incharge Name	Mr. D.narayana Chowdary	1	No	No	No
					Facility Incharge Email	narayanachowdary.doppalapudi@becbapatla.ac.in				
					Facility Incharge Phone	9441129993				

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

No Data FIled!

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

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	Multi Axis Rotary Stir casting Furnace	202041010203A	National	2020 - 03	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. Damodara Naidu .Valapala (Head of Institute) and Dr. Ch.Lakshmi 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. Damodara Naidu .Valapala
Head of the Institution,
Bapatla, Andhra Pradesh

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Dr. Ch.Lakshmi Srinivas
Nodal Officer,
Bapatla, Andhra Pradesh

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