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

Institute Name: Fr. Conceicao Rodrigues College of Engineering [ARI-C-33981]

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)
E-Cell	Industry Institute Interface Unit	Electronics/Mechanical /Computer /IT	UG / PG / PhD	Technical	560	62	6
IIC	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Interdisciplinary Nature consist of different departments such as ECS and Mechanical Engineering	UG / PG / PhD	Technical	560	28	6
IEDC	Pre-incubation unit	All disciplines in the Institute	UG / PG / PhD	Technical	50	10	2

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 : IC201811040
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

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?

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

1	NATIONAL LEVEL INNOVATION-POC-PROTOTYPECOMPETITION	Entrepreneurship/Startup	B-Plan Competitions	Institute Lead Activity	ECell	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	51	4	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) — 2000	Award / Position / Recognition Secured — 3 teams were shortlisted for National level with mentoring and evaluation.
																Title of Innovation / Start-up Secured the Award / Recognition — Their results are awaited.
																Award/Recognition/Achievement Received for — Idea/Innovation/Prototype
2	Idea Competition	Entrepreneurship/Startup	Conference	Student Lead Activity	IIC	20-01-2020 00:00:00	20-01-2020 00:00:00	1	Within Campus	11	2	0	0	13	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) — 3000	Award / Position / Recognition Secured — Opportunity present paper in Goa on sartup
																Title of Innovation / Start-up Secured the Award / Recognition — selected for presentation
																Award/Recognition/Achievement Received for — Business Model/Startup
3	InternationalConference on Advancesin Computing, Communication andControl (ICAC3-2019)	Innovation	Conference	Institute Lead Activity	Institute	20-12-2019 00:00:00	21-12-2019 00:00:00	2	Within Campus	15	64	19	26	124	No	No
4	Entrepreneurship and Innovation as Career Opportunity	Entrepreneurship/Startup	Awareness	Institute Lead Activity	IIC	25-09-2019 00:00:00	25-09-2019 00:00:00	1	Within Campus	69	2	0	0	71	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) — 3000	No

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

5	Internship Expo 2020	Entrepreneurship/Startup	Exhibition	Institute Lead Activity	ECELL	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	178	9	58	2	247	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No
6	Idea validation , Business Opportunity Identification and Business Model Development	Innovation	Ideation	Institute Lead Activity	IIC	05-08-2019 00:00:00	05-08-2019 00:00:00	1	Within Campus	78	3	0	0	81	No	No
7	Industrial Visit	Innovation	Awareness	Institute Lead Activity	Technical councils such as IEEE, CSI, ISME and ITSA	27-12-2019 00:00:00	04-01-2020 00:00:00	9	Outside Campus	144	8	0	0	152	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1400000	No
8	Innovation Day Campaign	Innovation	Seminar	Institute Lead Activity	IIC	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	98	3	0	0	101	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2000	No

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

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

1	Idea Submission in Smart India Hackathon 2020	Innovation	Innovation Contest	HRD Ministry	Govt. Agency (Central)	18-01-2020 00:00:00	18-01-2020 00:00:00	1	28	7	35	Yes	Stood first in All india Level	Cross Coders	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 15000	Award / Position / Recognition Secured: Stood first in All india Level; Title of Innovation / Start-up Secured the Award / Recognition: Cross Coders; Award/Recognition/Achievement Received for: Novel Research Paper/Work
2	TSAE BAJA 2020	Innovation	Innovation Contest	BAJA held at Chandigarh	Corporate / Industry Association	17-02-2020 00:00:00	19-02-2020 00:00:00	3	27	2	29	Yes	Received Trophy for the Marketing Presentation Event	5th rank in all india level	TotalTotal Expense Amount Incurred by Institute? (In Rupees) — 100000	Award / Position / Recognition Secured: Received Trophy for the Marketing Presentation Event; Title of Innovation / Start-up Secured the Award / Recognition: 5th rank in all india level; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype
3	Singapore-India Hackathon	Innovation	Hackathon	IIT Madras	Educational Institute	28-09-2019 00:00:00	29-09-2019 00:00:00	2	1	0	1	Yes	5th position	Prize of Encouragement award for idea with potential	No	Award / Position / Recognition Secured: 5th position; Title of Innovation / Start-up Secured the Award / Recognition: Prize of Encouragement award for idea with potential; Award/Recognition/Achievement Received for: Idea/Innovation/Prototype

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

4	Aero Design (East) competition in advanced class	Innovation	Innovation Contest	SAE Aero Design (East) competition in advanced class held at Lakeland, FL USA	International Agencies	20-03-2020 00:00:00	21-03-2020 00:00:00	2	24	1	25	Yes	9th in international level	10th in technical presentation	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	300000	Award / Position / Recognition Secured: 9th in international level; Title of Innovation / Start-up Secured the Award / Recognition: 10th in technical presentation; Award/Recognition/Achievement Received for: Novel Research Paper/Work
5	Formula Bharat 2020	Innovation	Innovation Contest	Kari Motor speedway, Coimbatore.	Corporate / Industry Association	16-03-2020 00:00:00	17-03-2020 00:00:00	2	24	1	25	Yes	25th in 90 teams	Team CRCE Formula Racing	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	100000	Award / Position / Recognition Secured: 25th in 90 teams; Title of Innovation / Start-up Secured the Award / Recognition: Team CRCE Formula Racing; Award/Recognition/Achievement Received for: Novel Research Paper/Work
6	AUVSI SUAS 2019	Innovation	Innovation Contest	Annual Student Unmanned Air Systems Competition Webster field ,St Inigoes, Maryland USA	International Agencies	12-06-2019 00:00:00	15-06-2019 00:00:00	4	5	0	5	Yes	Just Joe sportsmanship award	Maverick UAS team	No		Award / Position / Recognition Secured: Just Joe sportsmanship award; Title of Innovation / Start-up Secured the Award / Recognition: Maverick UAS team; Award/Recognition/Achievement Received for: Novel Research Paper/Work

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	IPR and Patenting	IPR	Elective/Core Credit Course	Bachelor	All the branches Institute level Elective	06-01-2020	18-04-2020	104	Offline	67	36

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	CAD and CAM	Entrepreneurship/Startup	Employment Generation Training Programs	Production Engineering	21-12-2019	13-01-2020	24	Offline	40	32
2	CNC training	Entrepreneurship/Startup	Employment Generation Training Programs	Production Engineering	25-11-2019	06-01-2020	43	Offline	40	32

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. Bhushan Patil	Production Engineering	Professor and Dean R and D	No	No
2	Dr. Arun B. Rane	Production Engineering	Associate Professor	No	No

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	IIC	Innovation Club	2018	3D Printing	Centre of Excellence with Advance Tools	10	KANE YASH PRASAD	kane.yash0504@gmail.com	2267114136

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	IEDC	IEDC	2013	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	Facility Incharge Name: Dr. B S Daga; Facility Incharge Email: daga@fragnel.edu.in; Facility Incharge Phone: 8779648719	5	Yes	No	Yes

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)

	Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
	Funding Agency	DST	Govt. Agency (Central)	0

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!

List the IPR Cell/Technology Transfer Centre Facilities at the HEI

No Data FIled!

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

No Data FIled!

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

No Data FIled!

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!

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

No Data FIled!

List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

No Data FIled!

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

No Data FIled!

List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

No Data FIled!

List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data FIled!

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data FIled!

Declaration

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Srija Unnikrishnan (Head of Institute) and Dr. Deepak Vishnu Bhoir (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
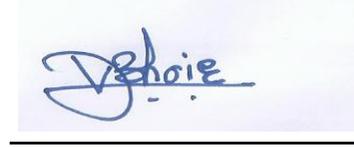
Thank you

The Head of Institute

Nodal officer

Dr. Srija Unnikrishnan
Head of the Institution,
Mumbai, Maharashtra

Dr. Deepak Vishnu Bhoir
Nodal Officer,
Mumbai, Maharashtra

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