



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: PRESIDENCY UNIVERSITY , BENGALURU [ARI-U-0876]

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

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
Center for Innovation Incubation and Entrepreneurship	Research Unit / Park	Interdisciplinary	At all level	Both	8500	300	50

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 : HIBIKR000676
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	BOOT CAMP	Innovation	Boot camp	Institute Lead Activity	CIIE	29-01-2020 00:00:00	31-01-2020 00:00:00	3	Within Campus	41	15	104	15	175	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200000	Award / Position / Recognition Secured	Cash Award
																Title of Innovation / Start-up Secured the Award / Recognition	Darwin Automotive	
																Award/Recognition/Achievement Received for		
2	Workshop on Entrepreneurship	Entrepreneurship/Startup	Awareness	Institute Lead Activity	CIIE	13-05-2019 00:00:00	13-05-2019 00:00:00	1	Within Campus	152	41	46	21	260	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000	No	
3	Exploring the Funding Opportunities for Students & Faculty Members at MSME to Transform as Entrepreneurs	Entrepreneurship/Startup	Awareness	Institute Lead Activity	CIIE	04-02-2020 00:00:00	04-02-2020 00:00:00	1	Within Campus	510	21	111	17	659	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No	
4	Building Information Modeling through REVIT	Innovation	Awareness	Institute Lead Activity	CIIE	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	410	21	14	7	452	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	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	Indian Technology Innovation and Entrepreneurship Conclave	Entrepreneurship/Startup	Innovation Contest	REVA UNIVERSITY	Educational Institute	03-01-2020 00:00:00	04-01-2020 00:00:00	2	3	1	4	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	6000	No
2	Indian Technology Innovation and Entrepreneurship Conclave	Entrepreneurship/Startup	Start-up Conclave	REVA UNIVERSITY	Educational Institute	03-01-2020 00:00:00	04-01-2020 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)

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	Digital Entrepreneurship	Entrepreneurship/Startup	Full time Program	Bachelor	MANAGEMENT	05-08-2019	31-01-2020	180	Offline	1550	45
2	IPR	IPR	Full time Program	Bachelor	LAW	05-08-2019	31-01-2020	180	Offline	180	454
3	Entrepreneurship and New Venture Creating	Entrepreneurship/Startup	Full time Program	Master	MANAGEMENT	05-08-2019	31-01-2020	180	Offline	41	45

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	Data Analytics using R	Innovation	MDP in I&E / IPR	MANAGEMENT	18-02-2019	21-02-2019	4	Offline	23	32
2	Hybrid Vehicle Design and Development	Innovation	FDP in I&E / IPR	CIIE	28-01-2020	04-02-2020	8	Offline	223	48
3	3 D PRINTING	Innovation	Employment Generation Training Programs	CIIE	17-09-2019	21-09-2019	5	Offline	210	35
4	Soft Robotics-Film and Fabrication Technique	Innovation	Employment Generation Training Programs	CIIE	16-09-2019	20-09-2019	5	Offline	105	40
5	Namma Bazar-Experiential Learning	Entrepreneurship/Startup	Employment Generation Training Programs	Management	15-10-2019	11-11-2019	28	Offline	225	112

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. Joshi Manohar	EEE	Associate Professor and HOD	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)
2	Dr. Kunal	Management	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)
3	Mr Ravi V Angadi	Electrical and Electronics Engineering	Assistant Professor	No	No			
4	Mr Kondreddy Sreekanth Reddy	Electrical and Electronics Engineering	Assistant Professor	No	No			
5	Ms Ramya K	Electrical and Electronics Engineering	Assistant 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	Vikasana	Innovation Club	2019	3D Printing	Innovation Labs	1	Mr. Bharath	teamvikasana@gmail.com	9164464827

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	Space Makers Lab	Maker's Space	2019	3D Printing & Prototype Equipment	Student Clubs	Student Clubs	Facility Incharge Name	01	Yes	No	Yes
							Prof Dr. C S Ramesh				
							Facility Incharge Email				
							rameshcs@presidencyuniversity.in				
							Facility Incharge Phone				
							9880904891				
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)					
Institute's Own Fund / Resource		Presidency University		Educational Institute		2000000					

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	MANUFACTURING	2019	Innovation Labs	PRESIDENCY UNIVERSITY	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. C S Ramesh</td> </tr> <tr> <td>Facility Incharge Email</td> <td>rameshcs@presidencyuniversity.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98809 04891</td> </tr> </table>	Facility Incharge Name	Dr. C S Ramesh	Facility Incharge Email	rameshcs@presidencyuniversity.in	Facility Incharge Phone	98809 04891	01	Yes	No	Yes
Facility Incharge Name	Dr. C S Ramesh														
Facility Incharge Email	rameshcs@presidencyuniversity.in														
Facility Incharge Phone	98809 04891														
			Source of Grant / Fund	Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)							

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

No Data Filled!

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

Srno	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park 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 Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	CENTRE OF EXCELLENCE IN MATERIALS RESEARCH	2019	Centre of Excellence with Advance Tools	PRESIDENCY UNIVERSITY	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. ANU SUKH DEV</td> </tr> <tr> <td>Facility Incharge Email</td> <td>anu.sukhdev@presidencyuniversity.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>97314 51035</td> </tr> </table>	Facility Incharge Name	Dr. ANU SUKH DEV	Facility Incharge Email	anu.sukhdev@presidencyuniversity.in	Facility Incharge Phone	97314 51035	01	No	No	No
Facility Incharge Name	Dr. ANU SUKH DEV														
Facility Incharge Email	anu.sukhdev@presidencyuniversity.in														
Facility Incharge Phone	97314 51035														

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

No Data Filled!

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

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr. Joshi Manohar	Associate Professor and HOD	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	DESING OF ELECTRIC VECHILES		Within	
2	Dr. Kunal	Professor	Entrepreneurship/Startup Development	11
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	BUSINESS PLAN PRESENTATION		Within	

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

No Data Filled!

List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation /Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation /Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit 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 Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations 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 Idea/Prototype /Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019								
1	Innovation Challenge	Service Innovation	Technological		Student	TRL 2 : Technological formulation. Concept and application have been formulated .	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Completed	<table border="1"> <tr> <td>Agency Name</td> <td>EVUEME</td> </tr> <tr> <td>Agency Type</td> <td>Not-Govt. Agencies</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>1,00,000</td> </tr> </table>	Agency Name	EVUEME	Agency Type	Not-Govt. Agencies	Award / Position / Recognition Secured	1,00,000	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>100000</td> </tr> </table>	Grant Amount in Rs	100000	No	No
Agency Name	EVUEME																				
Agency Type	Not-Govt. Agencies																				
Award / Position / Recognition Secured	1,00,000																				
Grant Amount in Rs	100000																				
Name		Type		Gender		Email		Contact													
Smitha Rao		Faculty		Female		smitharao@presidencyuniversity.in		9620362819													

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

No Data Filled!

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	SPARROTRONICS	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	11	05-08-2020
2	PRDC BANGALORE	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	11	18-02-2020

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

No Data Filled!

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	Detection of optimal void diameterfor PDIV and intelligent real time protection of transformers	201941044347	National	2019 - 11	NA
	2	Control of cascade H-bridge Topology of Multilevel Inverter using JAYA optimization Algorithm	202041008710	National	2020 - 02
Uploaded		3	Optimising the dc sources for CHB topology	202041008711	National

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

No Data Filled!

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

No Data Filled!

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