



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MHRD
Ministry of Human
Resource Development
Government of India

Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: Indian Institute of Technology Palakkad [ARI-A-44612]

Pre-Qualifier (Basic Data Requirement For Financial Year (2018-19))

Name of the Institute/ University/ Group of Institutions and any Autonomous Body (Incubation Unit/Research Park etc.) located within same campus	Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF)
Indian Institute of Technology Palakkad	777600000.00	784400000.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	777600000.00	784400000.00	

Institute Type : Institute of National Importance & Central Universities/CFTs

Total Student Base (Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 684

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 81

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

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/rec eived fund to organise the program/acti vity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
CSquare Summer Program	Innovation	Hands-on product development	Institute Lead Activity	CSquare Innovation Lab, IIT Palakkad	01-06-2019 00:00:00	27-07-2019 00:00:00	57	Within Campus	20	5	0	0	25	Yes	50000
Electronics Club Activity	Innovation	Workshop with multiple sessions	Student Lead Activity	Student Body	18-08-2018 00:00:00	19-08-2018 00:00:00	2	Within Campus	25	0	0	0	25	No	---
Robotics Club Activity	Innovation	Workshop	Student Lead Activity	Student Body	15-09-2018 00:00:00	22-09-2018 00:00:00	8	Within Campus	55	0	0	0	55	No	---
Data Analysis Club Activity	Innovation	Workshop	Student Lead Activity	Student Body	01-01-2019 00:00:00	12-01-2019 00:00:00	12	Within Campus	50	0	0	0	50	No	---

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

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/Rec ognitions/Ac hievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award /	Had institute spent expenses either from own	Total Expense Amount Incurred by Institute? (In
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Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by reputed external institutions or agencies at national or international level

													Recognition	resource/received fund towards sending delegation to participate/represent the program/activity/event?	Rupees)
Inter IIT Technical Meet -- Tata Center for Technology and Design Challenge	Innovation	Student Competition	IIT Bombay	Educational Institute	18-12-2018 00:00:00	20-12-2018 00:00:00	3	8	0	8	Yes	Second Prize	Automated Pesticide Spraying	Yes	40000

Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
Concepts in Engineering Design and Introduction to Engineering	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	01-08-2018 00:00:00	30-11-2018 00:00:00	122	Offline	170	170	42

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge	Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?
CSquare Innovation Lab	Centre of Excellence with Advance Tools & Equipment	2016	IIT Palakkad	Facility Incharge Name	Arvind Ajoy	500 Sq. Ft.	No
				Facility Incharge Email	arvindajoy@iitpkd.ac.in		
				Facility Incharge Phone	9446933704		
						Yes	
						Annual Capital Expenditure (In Rupees)	300000
						Annual Operational Expenditure (In Rupees)	100000

Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre-Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
CSquare Innovation Lab	Institute's Own Fund / Resource	---	---	Yes	450000

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Name of Idea / POC / Innovation / Prototype	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation	Current Status of Innovation, Stage	Had Centre/institute provided any	Had the Idea/Prototype/Inno	Had the Incubation Centre/Institute
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Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Received Funding / Grant from Centre						on Support Received	of TRL it has reached	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 2018-19	ventions raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	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 2018-19?										
Teacher Tracking and Video Recording	CSquare Innovation Lab	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No										
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 15000												
Principal Innovator <table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Arvind Ajoy</td> <td>Faculty</td> <td>Male</td> <td>arvindajoy@iitpkd.ac.in</td> <td>9446933704</td> </tr> </tbody> </table>											Name	Type	Gender	Email	Contact	Arvind Ajoy	Faculty	Male	arvindajoy@iitpkd.ac.in	9446933704
Name	Type	Gender	Email	Contact																
Arvind Ajoy	Faculty	Male	arvindajoy@iitpkd.ac.in	9446933704																
Paper mache from waste paper	CSquare Innovation Lab	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty and Student	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No										
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Name	Type	Gender	Email	Contact																
Dinesh Jagadeesan	Faculty	Male	d.jagadeesan@iitpkd.ac.in	04923226345																

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

Ornithopter mechanism	CSquare Innovation Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2018	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td data-bbox="1637 108 1807 156">Yes</td> </tr> <tr> <td data-bbox="1637 156 1807 379">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1637 379 1807 427">15000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	15000	No	No
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Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)													
15000													
Principal Innovator													
Name			Type		Gender		Email		Contact				
Krishna Sesagiri			Faculty		Male		krishna.s@iitpkd.ac.in		04923226438				

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

No Data Filled!

Co-Incubation Partnership

No Data Filled!

Technology Commercialization / Transfer

No Data Filled!

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 Prof. PB Sunil Kumar (Head of Institute) and Dr. Arvind Ajoy (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



29/10/19

Prof. PB Sunil Kumar
Head of the Institution,
Indian Institute of Technology Palakkad,
Palakkad, Kerala

Nodal officer



29 October 2019

Dr. Arvind Ajoy
Nodal Officer,
Indian Institute of Technology Palakkad,
Palakkad, Kerala