



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: RCC Institute of Information Technology [ARI-C-6159]

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)
RCC INSTITUTE OF INFORMATION TECHNOLOGY	158367231.77	186598834.48	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	158367231.77	186598834.48	

Institute Type : Colleges/Institutes (Govt. & Govt. Aided)

Total Student Base (Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 2092

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 89

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)
Technical Seminar on Internet of Things	Innovation	SEMINAR	Student Lead Activity	ELECTRONICS AND COMMUNICATION ENGINEERING	11-04-2018 00:00:00	11-04-2018 00:00:00	1	Within Campus	48	0	0	0	48	No	---
Technical Seminar on Fundamentals and Advancements of Semiconductors or Device Research	Innovation	SEMINAR	Student Lead Activity	ELECTRONICS AND COMMUNICATION ENGINEERING	07-06-2018 00:00:00	07-06-2018 00:00:00	1	Within Campus	36	0	0	0	36	No	---
ONE DAY TECHNICAL EXHIBITION	Innovation	TECHNICAL EXHIBITION	Student Lead Activity	ELECTRONICS AND COMMUNICATION ENGINEERING	28-02-2019 00:00:00	28-02-2019 00:00:00	1	Within Campus	30	1	0	0	31	No	---

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

ALPHATEC H	Innovation	SEMINAR	Student Lead Activity	ELECTRONICS AND COMMUNICATION ENGINEERING AND IET STUDENT CHAPTER	03-10-2018 00:00:00	20-11-2018 00:00:00	49	Within Campus	250	0	0	0	250	No	---
Technical Event Archetype De Future	Innovation	TECHNICAL EVENT	Student Lead Activity	ELECTRONICS AND COMMUNICATION ENGINEERING	13-08-2018 00:00:00	14-08-2018 00:00:00	2	Within Campus	52	0	0	0	52	Yes	3000
Entrepreneurship Awareness Camp under DST-NIMAT Project	Entrepreneurship/Startup	Entrepreneurship Awareness Camp	Student Lead Activity	Electronics and Communication Engineering	10-10-2018 00:00:00	12-10-2018 00:00:00	3	Within Campus	60	0	0	0	60	Yes	10000
IEEE EDS outreach program	Innovation	Seminar	Institute Lead Activity	Electronics and Communication Engineering	10-07-2018 00:00:00	10-07-2018 00:00:00	1	Within Campus	30	20	4	6	60	Yes	4500
Application of Simulation in Electronics	Innovation	Workshop	Student Lead Activity	Electronics and Communication Engineering	14-06-2018 00:00:00	21-06-2018 00:00:00	8	Within Campus	50	0	0	0	50	Yes	2000
Cyber Security and Ethical Hacking	Innovation	WORKSHOP	Student Lead Activity	ELECTRONICS AND COMMUNICATION ENGINEERING	15-03-2019 00:00:00	15-03-2019 00:00:00	1	Within Campus	50	0	0	0	50	No	---
Internet of Things A Practical Perspective	Innovation	Student Workshop	Student Lead Activity	AEIE of RCCIIT	06-08-2018 00:00:00	10-08-2018 00:00:00	5	Within Campus	58	6	0	0	64	Yes	31338
Emerging Trends on Instrumentation and Control Engineering	Innovation	Student Workshop	Student Lead Activity	Department of Applied Electronics and Instrumentation Engineering	25-06-2018 00:00:00	29-06-2018 00:00:00	5	Within Campus	57	6	0	0	63	Yes	22144
Cyber Security and Ethical Hacking by Techtree Technologies	Innovation	Seminar	Institute Lead Activity	Computer Science and Engineering Department	31-08-2018 00:00:00	31-08-2018 00:00:00	1	Within Campus	60	0	0	0	60	No	---
Cyber Security and Ethical Hacking	Innovation	Workshop	Institute Lead Activity	Techtree Technologies Saltlake	01-09-2018 00:00:00	02-09-2018 00:00:00	2	Outside Campus	43	0	0	0	43	No	---
Innovision 2018	Innovation	Technical Event	Institute Lead Activity	Computer Science and Engineering Department	04-09-2018 00:00:00	05-09-2018 00:00:00	2	Within Campus	112	14	0	0	126	Yes	11492

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

Data Science and Data Analytics using SAS and Python	Innovation	Student Development Program	Institute Lead Activity	Computer Science and Engineering Department	16-04-2018 00:00:00	17-04-2018 00:00:00	2	Within Campus	128	14	0	0	142	Yes	15646
International Conference on Research in Computational Intelligence and Communication Networks ICRCICN 2018	Innovation	International Conference	Institute Lead Activity	Department of Information Technology RCCIT	21-11-2018 00:00:00	23-11-2018 00:00:00	3	Within Campus	10	45	7	53	115	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/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 program/activity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
Patent Facilitation Centre of Technology Information Forecasting AND Assessment Council TIFAC	IPR	WORKSHOP	MAKAUT, WB AND TIFAC	Educational Institute	15-03-2019 00:00:00	15-03-2019 00:00:00	1	0	1	1	No	---	---	No	---
Bengalathon 2018	Innovation	Hackathon	Ministry of IT and E	Govt. Agency (State)	14-09-2018 00:00:00	31-12-2018 00:00:00	10	16	3	19	Yes	Jury Special	Solution on TOTO ON CALL	No	---
2018 IEEE International Conference on Power Electronics, Drives and Energy Systems PEDES	Innovation	International Conference	IIT Madras	Educational Institute	18-12-2018 00:00:00	21-12-2018 00:00:00	4	0	1	1	No	---	---	No	---
IEEE EDS Outreach Programme	Innovation	TECHNICAL SEMINAR	IEEE EDS KOLKATA CHAPTER	International Agencies	17-12-2018 00:00:00	17-12-2018 00:00:00	1	50	8	58	No	---	---	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

Smart Stick for Blind Person Embedded with Features of Obstacle Detection and Navigation Technology	Innovation	3rd Inter-College Competition on Prototype Design for Mankind	Heritage Institute of Technology	Educational Institute	12-08-2018 00:00:00	12-08-2018 00:00:00	1	3	1	4	No	---	---	No	---
Toto on Call	Innovation	Bengalathon	Ministry of IT and E	Govt. Agency (State)	09-10-2018 00:00:00	09-10-2018 00:00:00	1	4	1	5	No	---	---	No	---
Dual Axis Solar Tracking System for Optimized Power Generation	Innovation	Science and Engineering Fair	Birla Industrial and Technological Museum	Educational Institute	08-01-2019 00:00:00	12-01-2019 00:00:00	5	2	1	3	No	---	---	Yes	1500
IoT based Smart System for Water Quality Monitoring	Innovation	Science and Engineering Fair	Birla Industrial and Technological Museum	Educational Institute	08-01-2019 00:00:00	12-01-2019 00:00:00	5	3	1	4	No	---	---	Yes	1000
Environmental Condition based Auto-adjusted Robot for Agricultural Work	Innovation	Science and Engineering Fair	Birla Industrial and Technological Museum	Educational Institute	08-01-2019 00:00:00	12-01-2019 00:00:00	5	3	1	4	Yes	Merit Certificate Received	Environmental Condition based Auto-adjusted Robot for Agricultural Work	Yes	3500
Women security System with Self-Defense Mechanism	Innovation	National Science Day	MAKAUT, WB	Educational Institute	28-02-2019 00:00:00	28-02-2019 00:00:00	1	3	1	4	No	---	---	No	---
Intelligent Electric Car Charging Stations	Innovation	National Science Day	MAKAUT, WB	Educational Institute	28-02-2019 00:00:00	28-02-2019 00:00:00	1	3	1	4	No	---	---	No	---
Ultrasonic Distance Detector	Innovation	National Science Day	MAKAUT, WB	Educational Institute	28-02-2019 00:00:00	28-02-2019 00:00:00	1	3	1	4	No	---	---	No	---
Traffic Density Control using Arduino Real-Time Monitoring	Innovation	National Science Day	MAKAUT, WB	Educational Institute	28-02-2019 00:00:00	28-02-2019 00:00:00	1	3	1	4	No	---	---	No	---
Information Technology and Applied Mathematics ICITAM 2019	Innovation	International Conference	Haldia Institute of Technology HIT	Educational Institute	07-03-2019 00:00:00	09-03-2019 00:00:00	3	0	1	1	No	---	---	No	---

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

MICROWAVE ANECHOIC CHAMBER	Incubation Unit	2017	RCCIIT, CANAL SOUTH ROAD, KOLKATA - 700015	Facility Incharge Name	NANDAN BHATTA CHARYY A AND PAMPA DEBNAT H	100 Sq. Ft.	Yes		Yes	
				Facility Incharge Email	nandanbhattacharya@gmail.com		Annual Capital Expenditure (In Rupees)	20000	Total Annual Income from Training and Skill Development Services (In Rupees)	0
				Facility Incharge Phone	8697842173		Annual Operational Expenditure (In Rupees)	12000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	6000
AUTOMATIC CLUSTERING OF SATELLITE IMAGERY USING QUANTUM INSPIRED METAHEURISTICS	Pre-Incubation Centre	2019	RCCIIT, CANAL SOUTH ROAD, KOLKATA - 700015	Facility Incharge Name	DR. SIDDHA RTHA BHATTA CHARYY A	50 Sq. Ft.	Yes		No	
				Facility Incharge Email	dr.siddhartha.bhatta charyya@gmail.com		Annual Capital Expenditure (In Rupees)	808000	Annual Operational Expenditure (In Rupees)	15000
				Facility Incharge Phone	9830354195					

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)
MICROWAVE ANECHOIC CHAMBER	Funding Agency	WORLD BANK	Govt. Agency (Central)	Yes	6548025
AUTOMATIC CLUSTERING OF SATELLITE IMAGERY USING QUANTUM INSPIRED METAHEURISTICS	Funding Agency	ALL INDIA COUNCIL OF TECHNICAL EDUCATION (AICTE)	Govt. Agency (Central)	Yes	808000

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

No Data Filled!

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

No Data Filled!

Co-Incubation Partnership

No Data Filled!

Technology Commercialization / Transfer

Name of Technology Licenced / Transferred / Commercialized	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder		Centre / Department of Origin of Licence	Licence Transferred to		Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Annual Income Received from Technology Transfer/Licensing (In Rupees)
Low Cost Intelligent COLORIMETER Using Color LED	IP/Patented Technology	One-time transfer/Licensing	319586	Patent/Licence Holder name (Institute Co-ownership is Must)	Dr Siddhartha Bhattacharya of RCCIIT	Department of Information Technology of RCCIIT	Licence Transferred to	Institute	No	---
				Contact number of license holder	9830354195		Name of Industry/Start-up/Agency Received License/Technology	RCCIIT		
				Email of Licence holder	dr.siddhartha.bhattacharya@gmail.com		Address of Agency	canal south road kolkata 700015		
				Gender	Male		Contact Number of Agency	3323231534		
							Email of Agency	rcciit1999@gmail.com		

Declaration

To,
The ARIIA Committee
MHRD's Innovation Cell
New Delhi

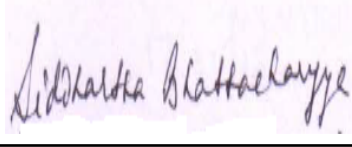
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Prof. Siddhartha Bhattacharyya (Head of Institute) and Dr. Indrajit Pan (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



Prof. Siddhartha Bhattacharyya
Head of the Institution,
RCC Institute of Information Technology,
Kolkata, West Bengal

Nodal officer



Dr. Indrajit Pan
Nodal Officer,
RCC Institute of Information Technology,
Kolkata, West Bengal