



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: Jamal Mohamed College, Tiruchirappalli - 620 020. [ARI-C-35832]

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)
Jamal Mohamed College	293710782.00	340840361.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	293710782.00	340840361.00	

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) := 11841

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 483

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/ received fund to organise the program/activity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Workshop on ERP SAP Business Solutions	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Management studies	04-09-2018 00:00:00	04-09-2018 00:00:00	1	Within Campus	26	2	0	1	29	Yes	13000
Advancement In Business in The Digital Era	Entrepreneurship/Startup	Lecture	Institute Lead Activity	Department of commerce (SF)	20-09-2018 00:00:00	20-09-2018 00:00:00	1	Within Campus	250	15	300	1	566	Yes	10000
Workshop on Domestic Products Preparation	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Department of Chemistry	26-09-2018 00:00:00	27-09-2018 00:00:00	2	Within Campus	55	2	0	0	57	Yes	12500
Discover Entrepreneurship In You	Entrepreneurship/Startup	Lecture	Institute Lead Activity	Entrepreneurship Development Cell	29-09-2018 00:00:00	29-09-2018 00:00:00	1	Within Campus	60	5	0	1	66	No	---
Entrepreneurship - Opportunities and Challenges	Entrepreneurship/Startup	Lecture	Institute Lead Activity	Department of Management studies	07-12-2018 00:00:00	07-12-2018 00:00:00	1	Within Campus	60	5	0	1	66	No	---

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

Seminar on Intellectual Property Rights (IPR)	Entrepreneurship/Startup	Lecture	Institute Lead Activity	Innovation incubation Centre	13-12-2018 00:00:00	13-12-2018 00:00:00	1	Within Campus	60	10	0	1	71	No	---
Promoting Young Entrepreneurs Guidelines and Guidance	Entrepreneurship/Startup	Lecture	Institute Lead Activity	Department of Business administration	17-12-2018 00:00:00	17-12-2018 00:00:00	1	Within Campus	554	10	0	1	565	Yes	125800
Tamil Nadu Entrepreneurship Development Conference Business 75	Entrepreneurship/Startup	Conferences	Institute Lead Activity	Entrepreneur Development Cell	09-02-2019 00:00:00	10-02-2019 00:00:00	2	Within Campus	100	10	0	0	110	No	---
Awareness on Intellectual Property Rights	IPR	Lecture	Institute Lead Activity	IPR cell	11-01-2019 00:00:00	11-01-2019 00:00:00	1	Within Campus	60	10	0	1	71	No	---
Tamil Nadu Entrepreneur Empowerment Conference	Entrepreneurship/Startup	Lecture	Institute Lead Activity	Entrepreneurship Development Cell	09-02-2019 00:00:00	09-02-2019 00:00:00	1	Within Campus	60	10	0	2	72	No	---
Developing Entrepreneur Skills in Biological Society	Entrepreneurship/Startup	Lecture	Institute Lead Activity	Department of Botany	12-02-2019 00:00:00	12-02-2019 00:00:00	1	Within Campus	80	10	0	1	91	Yes	1000
New Horizons of Business in the Changing Global Environment	Entrepreneurship/Startup	Conferences	Institute Lead Activity	Department of Commerce	23-01-2019 00:00:00	23-01-2019 00:00:00	1	Within Campus	50	10	136	0	196	Yes	35000
TIECOONS-2K18	Entrepreneurship/Startup	National level Business meet	Institute Lead Activity	Department of Business Administration	08-10-2018 00:00:00	09-10-2018 00:00:00	2	Within Campus	80	10	430	10	530	Yes	92375

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)
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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

E-Sumit19	Entrepreneurship/Startup	Conferences Workshop	National Institute of Technology, Tiruchirappalli	Govt. Agency (Central)	15-02-2019 00:00:00	17-02-2019 00:00:00	3	0	1	1	No	---	---	No	---
TYRO2K18	Entrepreneurship/Startup	Intercollege programme	Bishop Heber College, Trichy	Educational Institute	20-09-2018 00:00:00	20-09-2018 00:00:00	1	1	0	1	Yes	1st prize	Best Manager	No	---
MONOPOLY 2K18	Entrepreneurship/Startup	Intercollegiate	Kongu Arts and Science College, Erode	Educational Institute	28-09-2018 00:00:00	28-09-2018 00:00:00	1	1	0	1	Yes	First prize	Best Manager	No	---
ROEMAC 2K19	Entrepreneurship/Startup	Intercollegiate	Thanthai Hans Raveer College, Elambur, Perambalur	Educational Institute	08-02-2019 00:00:00	08-02-2019 00:00:00	1	1	0	1	Yes	First prize	Best Manager	No	---
IGNEXIA	Innovation	ART OUT OF E-WASTE	NIFT-TEA College of Knit Wear Fashion, Tirupur.	Educational Institute	15-02-2019 00:00:00	15-02-2019 00:00:00	1	2	0	2	Yes	Second prize	ART OUT OF E-WASTE	No	---
YUTRY - An Entrepreneurship Conference	Entrepreneurship/Startup	Entrepreneurship Conference	Confederation of Indian Industry (CII) and Young Indians (YI)	Corporate / Industry Association	01-02-2019 00:00:00	02-02-2019 00:00:00	2	16	0	16	No	---	---	No	---
Innovative Concept in media	Innovation	National Seminar	Subbalakshmi Lakshmi Pathy College of Arts and Science Madurai.	Educational Institute	20-01-2019 00:00:00	20-01-2019 00:00:00	1	3	0	3	No	---	---	No	---

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
IPR Biosafety and Bioethics	IPR	Elective/Core Credit Course	Bachelor	26-11-2018 00:00:00	10-04-2019 00:00:00	136	Offline	11	11	60
Entrepreneurial Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	18-07-2018 00:00:00	31-10-2018 00:00:00	106	Offline	330	320	60
Entrepreneurial Development	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	26-11-2018 00:00:00	10-04-2019 00:00:00	136	Offline	300	250	48
Artificial Intelligence and Expert Systems	Innovation	Elective/Core Credit Course	Master	26-11-2018 00:00:00	10-04-2019 00:00:00	136	Offline	83	82	48
Software Development Lab	Innovation	Elective/Core Credit Course	Bachelor	18-07-2018 00:00:00	31-10-2018 00:00:00	106	Offline	222	222	60
Mobile Application Development Lab	Innovation	Elective/Core Credit Course	Master	18-07-2018 00:00:00	31-10-2018 00:00:00	106	Offline	4	4	36

Entrepreneurship development	Innovation	Elective/Core Credit Course	Bachelor	18-11-2018 00:00:00	10-04-2019 00:00:00	144	Offline	237	234	80
Domestic Product Preparation practical	Entrepreneurship/Startup	Short term Certificate	Short Term Certificate Course	17-06-2018 00:00:00	31-10-2018 00:00:00	137	Offline	127	127	45

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?	
Jamal Innovation and Incubation Centre	Incubation Unit	2018	Jamal Mohamed College Trichirappalli	Facility Incharge Name	Dr.A.Shajahan	160 Sq. Ft.	Yes		No	
				Facility Incharge Email	shajahan.jmc@gmail.com		Annual Capital Expenditure (In Rupees)	53275		
				Facility Incharge Phone	8637672433		Annual Operational Expenditure (In Rupees)	0		
Jamal IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	2019	Jamal Mohamed College Tiruchirappalli	Facility Incharge Name	Dr. A .Zahir Hussain	145 Sq. Ft.	Yes		No	
				Facility Incharge Email	azahirhusainchem@yahoo.co.in		Annual Capital Expenditure (In Rupees)	40000		
				Facility Incharge Phone	9865517744		Annual Operational Expenditure (In Rupees)	0		
central instrumentation facility	Centre of Excellence with Advance Tools & Equipment	2019	Jamal Mohamed College	Facility Incharge Name	Dr. M. Syed Ali Padusha	320 Sq. Ft.	Yes		No	
				Facility Incharge Email	padusha_chem@yahoo.co.in		Annual Capital Expenditure (In Rupees)	1200000		
				Facility Incharge Phone	9865447289		Annual Operational Expenditure (In Rupees)	0		

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

No Data Filled!

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

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from	Had the Idea/Prototype/Innovations raised any Seed fund/Angel Investment/VC during the period of	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno
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Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

								agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	receiving pre-incubation/incubation support at your Pre-Incubation/Incubation or institute during the financial period 2018-19	ventions for the pre-incubation/incubation support and the services offered by Pre-Incubation/Incubation or institute during the financial period 2018-19?
A novel, reactive porous filtering material to degrade and deactivate grey water pollutants	Jamal Innovation and Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 10000	No	No
Principal Innovator										
Name				Type		Gender		Email		Contact
Dr. A. Aslam				Faculty		Male		abu.aslam@gmail.com		9894252865
Biogenic synthesis of nanoparticle from actinobacteria against the stem and fruit borer of Leucinodes orbonalis of Solanum melongena (L.)	Jamal Innovation and Incubation Centre	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Faculty	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 10000	No	No
Principal Innovator										
Name				Type		Gender		Email		Contact
Dr. H. Syed Jahangir				Faculty		Male		syedsanu@yahoo.co.in		9443817623

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

Development of multipurpose health mixes from minor millets	Jamal Innovation and Incubation Centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty	2019	Non-IP / Non-Patented Technology	Completed but No Further Action Taken	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>10000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	10000	No	No							
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
10000																				
Principal Innovator																				
Name			Type		Gender		Email		Contact											
Dr. V. Kavitha			Faculty		Female		kavitha_vadivelu@yahoo.com		9443857296											
Development of user friendly biodegradable cups plates from maize cobs waste	Jamal Innovation and Incubation Centre	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Faculty	2019	<table border="1"> <tr><td>IP / Patented Technology</td></tr> <tr><td>Applied for Patent</td><td>No</td></tr> <tr><td>Patent Application No</td><td></td></tr> <tr><td>Year of Patent Application</td><td></td></tr> </table>	IP / Patented Technology	Applied for Patent	No	Patent Application No		Year of Patent Application		Completed and Ready for Commercialization/Incubation	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>10000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	10000	No	No
IP / Patented Technology																				
Applied for Patent	No																			
Patent Application No																				
Year of Patent Application																				
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
10000																				
Principal Innovator																				
Name			Type		Gender		Email		Contact											
Dr. A. Sangeetha			Faculty		Female		drsangeeram@gmail.com		9443443624											
Anti-cancer, anti-candida and neutraceutical activities of plant and microbial bioresources Punica granatum L., Cyanobacteria and Actinomycetes	Jamal Innovation and Incubation Centre	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>5000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	5000	No	No							
Yes																				
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																				
5000																				

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

Principal Innovator				
Name	Type	Gender	Email	Contact
Dr. T. Nargis Begum	Faculty	Female	nargisalmaas@gmail.com	9944429678

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)																		
An efficient regeneration system via direct somatic embryogenesis in turmeric <i>Curcuma longa</i> L using leaf sheath explants	IP/Patented Technology	One-time transfer/Licensing	750CHE2014312214	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>A Shajahan Jamal Mohamed College</td> </tr> <tr> <td>Contact number of license holder</td> <td>8637672433</td> </tr> <tr> <td>Email of Licence holder</td> <td>shajahan.jmc@gmail.com</td> </tr> <tr> <td>Gender</td> <td>Male</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	A Shajahan Jamal Mohamed College	Contact number of license holder	8637672433	Email of Licence holder	shajahan.jmc@gmail.com	Gender	Male	Department of Botany	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Institute</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Department of Botany Jamal mohamed College</td> </tr> <tr> <td>Address of Agency</td> <td>7 Race Course Road Khajamalai TVS Tolgate Tiruchirappalli</td> </tr> <tr> <td>Contact Number of Agency</td> <td>8637672433</td> </tr> <tr> <td>Email of Agency</td> <td>principaljmc@gmail.com</td> </tr> </table>	Licence Transferred to	Institute	Name of Industry/Start-up/Agency Received License/Technology	Department of Botany Jamal mohamed College	Address of Agency	7 Race Course Road Khajamalai TVS Tolgate Tiruchirappalli	Contact Number of Agency	8637672433	Email of Agency	principaljmc@gmail.com	No	---
Patent/Licence Holder name (Institute Co-ownership is Must)	A Shajahan Jamal Mohamed College																									
Contact number of license holder	8637672433																									
Email of Licence holder	shajahan.jmc@gmail.com																									
Gender	Male																									
Licence Transferred to	Institute																									
Name of Industry/Start-up/Agency Received License/Technology	Department of Botany Jamal mohamed College																									
Address of Agency	7 Race Course Road Khajamalai TVS Tolgate Tiruchirappalli																									
Contact Number of Agency	8637672433																									
Email of Agency	principaljmc@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 Dr. Ismail Mohideen. S (Head of Institute) and Dr. Shajahan. A. (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

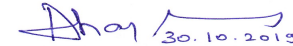
Thank you

The Head of Institute



Dr. Ismail Mohideen. S
Head of the Institution,
Jamal Mohamed College, Tiruchirappalli - 620 020.,
Tiruchirappalli, Tamil Nadu

Nodal officer



Dr. Shajahan. A.
Nodal Officer,
Jamal Mohamed College, Tiruchirappalli - 620 020.,
Tiruchirappalli, Tamil Nadu