



ARIIA

ATL 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)

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

Awareness / Training / Programmes organized by the Institute

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

Financial Year	Program Type	Name of Program	Program Theme	Program Duration	Program Conducted	Participants Details			Expenditure Incurred		
						Number of Internal Participants	Number of External Participants	Total Number of Participants	Institute Own / Internal Fund (in Rs.)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	Workshops / Training / Seminars / Conferences	Inclusive Economic Growth	Entrepreneurship/ Startup	13-Aug-2015 to 14-Aug-2015 (2 Days)	Within Campus	88	0	88	60000.00	0.00	60000.00
2015-16	Awareness / Motivational Programs	Opportunities for Young Entrepreneurs	Entrepreneurship/ Startup	11-Sep-2015 to 11-Sep-2015 (1 Days)	Within Campus	145	0	145	1000.00	0.00	1000.00
2015-16	Workshops / Training / Seminars / Conferences	State level workshop on Investment in Stock market for Beginners	Entrepreneurship/ Startup	06-Oct-2015 to 06-Oct-2015 (1 Days)	Within Campus	160	0	160	1000.00	0.00	1000.00
2015-16	Awareness / Motivational Programs	Life and Entrepreneurship	Entrepreneurship/ Startup	10-Oct-2015 to 10-Oct-2015 (1 Days)	Within Campus	160	0	160	1000.00	0.00	1000.00
2016-17	Workshops / Training / Seminars / Conferences	Become successful Entrepreneur	Entrepreneurship/ Startup	03-Aug-2016 to 03-Aug-2016 (1 Days)	Within Campus	80	0	80	1000.00	0.00	1000.00
2016-17	Workshops / Training / Seminars / Conferences	Growth strategies for Business Development in India	Entrepreneurship/ Startup	28-Sep-2016 to 28-Sep-2016 (1 Days)	Within Campus	140	0	140	20000.00	0.00	20000.00
2016-17	Workshops / Training / Seminars / Conferences	Emerging Business practices in Global Environment	Entrepreneurship/ Startup	19-Jan-2017 to 19-Jan-2017 (1 Days)	Within Campus	73	0	73	25000.00	0.00	25000.00
2016-17	Workshops / Training / Seminars / Conferences	A state level workshop on organic farming production	Entrepreneurship/ Startup	27-Jan-2017 to 28-Jan-2017 (2 Days)	Within Campus	120	0	120	52725.00	0.00	52725.00
2016-17	Awareness / Motivational Programs	Lecture on Patent and Biotechnology	IPR	24-Mar-2017 to 24-Mar-2017 (1 Days)	Within Campus	50	0	50	1000.00	0.00	1000.00
2017-18	Awareness / Motivational Programs	Creative visualization	Innovation	12-Sep-2017 to 12-Sep-2017 (1 Days)	Within Campus	80	0	80	1000.00	0.00	1000.00

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2017-18	Awareness / Motivational Programs	Innovations and challenges in biomedical sciences research	Innovation	13-Dec-2017 to 13-Dec-2017 (1 Days)	Within Campus	130	0	130	1000.00	0.00	1000.00
2017-18	Awareness / Motivational Programs	A Step to Entrepreneurship	Entrepreneurship/ Startup	18-Dec-2017 to 21-Dec-2017 (4 Days)	Within Campus	117	0	117	60000.00	0.00	60000.00
2017-18	Workshops / Training / Seminars / Conferences	Domestic Products Preparation	Entrepreneurship/ Startup	03-Jan-2018 to 05-Jan-2018 (3 Days)	Within Campus	152	0	152	3000.00	0.00	3000.00
2017-18	Awareness / Motivational Programs	GST Principles and Practices	Entrepreneurship/ Startup	11-Jan-2018 to 11-Jan-2018 (1 Days)	Within Campus	147	0	147	1000.00	0.00	1000.00
2017-18	Workshops / Training / Seminars / Conferences	Intellectual property rights and patenting in life sciences problems and prospects	IPR	01-Mar-2018 to 01-Mar-2018 (1 Days)	Within Campus	130	0	130	20000.00	0.00	20000.00
2017-18	Workshops / Training / Seminars / Conferences	Lecture on Biotechnology and Patent Filing	IPR	05-Mar-2018 to 05-Mar-2018 (1 Days)	Within Campus	50	0	50	2815.00	0.00	2815.00

Institute's Participation in Events / Programmes organized by the External Agencies

Total Annual Expenditure Incurred towards Supporting Students and Faculties to Participate/Present in National and International Level Innovation and Start-up Events/Competitions/Hackathons etc.

Financial Year	Program Type	Program Theme	Name of Event	Organizing Agency / Institute Name	Level of Event	Type of Participants	Nos of Participants	Achievements (Awards/Recognitions/Prize, If any)	Expenditure Incurred		
									Institute Own / Internal Fund (in Rs.)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	Awareness / Motivational Programs	Entrepreneurship/S tartup	Entrepreneurial opportunities for women and youth	Department of women studies Bharathidasan university and Women Entrepreneurs Association of Tamil Nadu (WEAT)	National	Student	10		0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	Startup 1.0 Mela Pitch in Round	St.Joseph's Institute of Management, Tiruchirapalli	National	Faculty	1		0.00	0.00	0.00
2017-18	Awareness / Motivational Programs	Entrepreneurship/S tartup	IGNITE -2018 Entrepreneurship development programme	United Economic forum chamber of commerce and MAM engineering and Technology Tiruchirapalli	National	Student	2		0.00	0.00	0.00
2017-18	Awareness / Motivational Programs	Entrepreneurship/S tartup	Startup Trichy 15th Edition	CARE School of Business Management, Triuchirappalli	National	Student	15		0.00	0.00	0.00
2017-18	Awareness / Motivational Programs	Entrepreneurship/S tartup	Creativity, innovation, Entrepreneurship - A conceptual study	Noveau Dimensions in Global growth leading to corridors of excellence, Bangalore	National	Student	2		0.00	0.00	0.00

Institute's Participation in Events / Programmes organized by the External Agencies

Total Annual Expenditure Incurred towards Supporting Students and Faculties to Participate/Present in National and International Level Innovation and Start-up Events/Competitions/Hackathons etc.

2017-18	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	E- Cell leader workshop	Anna University Trichirappalli	National	Student	2		0.00	0.00	0.00
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Pre-Incubation and Incubation facilities exist in-campus

Total Annual Expenditure Incurred towards Creation of Pre-Incubation and Incubation Facilities in Campus

Not Applicable!

Fund supported to convert ideas to Innovations & Start-ups

Total Annual Fund Supported towards Conversion of Ideas to Innovative Solutions and Start-ups at the Institute Level

Financial Year	Category	Name of Idea / Project / Innovation / Startup	Applicant Type	Academic Year of Study	Project Completion	Core Team Size (Nos)	Fund Supported				Current Status (as of 31st March 2018)
							Institution Own Seed Fund	Seed Grant from Funding Agency	Angel / Venture Capital Fund	Total Supported Amount	
2017-18	Non-Technological Innovation to Startup	O Kannan centring works	Student	Master	On Progress	1	0.00	0.00	0.00	0.00	Graduated Startup
2017-18	Non-Technological Innovation to Startup	HM Event Planners	Student	Master	Successfully Completed	2	0.00	0.00	0.00	0.00	Graduated Startup
2017-18	Non-Technological Innovation to Startup	Li-Genaras	Student	Master	Successfully Completed	1	0.00	0.00	0.00	0.00	Graduated Startup

Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

Financial Year	Title of Patent	Patent Application No	Inventors Type	Type of Patent Application Filed	Current Status (as of 31st March 2018)	Amount Spent towards Patent Filing (in Rs.)		
						Institution Own Fund	Sponsorship / Grant Fund	Total Amount Spent towards Patent Filing (in Rs.)
2017-18	An efficient regeneration system via direct somatic embryogenesis in turmeric (<i>Curcuma longa</i> L.) using leaf sheath explants	750/CHE/2014	Student and Faculty	National	Application Published	30000.00	0.00	30000.00
2017-18	Isolation and characterization of novel bioactive compounds from <i>Solanum erianthum</i>	122/CHE/2014	Student and Faculty	National	Application Published	30000.00	0.00	30000.00
2017-18	Facile synthesis of nise zn nanoparticles by method variation and their morphological studies	1192/CHE/2015	Student and Faculty	National	Application Published	30000.00	0.00	30000.00

Innovations Commercialized and IP Licensed

Total Annual Expenditure Incurred and Revenue Generated from IP Commercialization and Licensing at Institute Level (Excluding Consultancy and Testing Services)

Not Applicable!

Grant / Fund Generated / Received by Institute to support Innovation & Start-up

Total Annual Grant / Fund Generated / Received / Mobilized from Govt., Non Govt. and Private Agencies towards Creation of Pre-Incubation and Incubation Infrastructure and Facilities in Campus

Financial Year of Fund Generated	Grant Agency Type	Grant Agency Name	Total Grant Period (in Years)	Total Grant Allocated Amount (in Rs.)	Total Grant Received Amount (in Rs.) (as of 31st March 2018)	Purpose of Grant Utilization (Multiple options can be selected)	Purpose of Grant Utilization (Other)
2016-17	Government	National Innovation Foundation DST	1,0	115350.00	115350.00	Other	Documentation of Grassroots innovation and Traditional knowledge for value addition
2017-18	Government	National Innovation Foundation DST	1,0	270000.00	235000.00	Other	Documentation of Grassroots innovation and Traditional knowledge for value addition

Venture Fund / Investment mobilized to support Innovation & Start-up

Total Angel/Venture Fund Mobilized Annually towards Investment Commitment/Support Innovators/Start-ups incubated at Institute

Not Applicable!

Revenue Generated from Incubation Services offered by the Institute

Total Revenue Generated Annually from the Incubation Services offered and Equity/Share hold in Incubatees/Spinoffs

Financial Year of Revenue Generated	Name of the Startup	Startup lead by	Current Phase of Startup	Revenue Generated from Incubation			
				From Rental / Advisory / Training Services (in Rs.)	Equity / Share Percentage (%) in Startup	From Equity/Share held in Startup (in Rs.)	Total Revenue Generated (in Rs.)
2017-18	Active compounds extraction from green tea	Faculty	Receiving Incubation	1500.00	0	0.00	1500.00
2017-18	Wet milling process for Maize	Faculty	Receiving Incubation	1500.00	0	0.00	1500.00
2017-18	preparation of pumpkin powder and total polyphenol from green tea	Faculty	Receiving Incubation	2000.00	0	0.00	2000.00

Student Projects recognized at National / International Level

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renowned Agencies/Awards

Not Applicable!

Innovations to Startups

No of Successful Conversion of Innovations initiated by Students/Alumni/Faculties converted to Enterprise/Start-ups made at Institute

Financial Year	Innovation / Start-Up Name	Founded by	Name of the Co-Founders (Multiple Names can be mentioned with Commas)	Received Incubation	Name of Incubator	Period of Incubation Received (in Years)	Startup with Corporate Identification Number (CIN) Registration	Corporate Identification Number (CIN) No.	Current Startup Status	Startup Grown to an annual turnover of Rs. 50 Lakhs (or) 10 employees for a period of 2 years
2017-18	Navadha Nutraceutical Products	Faculty	S Arumugam	Yes	Dr Sangeetha	3	No	---	Receiving Pre-Incubation	---

Co-Incubation Partnership

Co-incubation Partnership made with other Institutions either to offer incubation support (or) to receive incubation support

Financial Year	Type of Partnership	Partnership Institute Name	Type of Support Offered (Multiple Options can be Selected)	No. of Student Projects/ Ideas / Innovation / Startups Supported
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Co-Incubation Partnership

Co-incubation Partnership made with other Institutions either to offer incubation support (or) to receive incubation support

2015-16	Incubation Services/Support Extended to Other Institute	Cp Plantations Kotampatti Madurai	Pre-incubation,Incubation	1
2016-17	Incubation Services/Support Extended to Other Institute	Navadha Nutraceutical Products	Pre-incubation	3
2017-18	Incubation Services/Support Extended to Other Institute	Dollar Tea Industry Kothagiri	Pre-incubation	3

Courses on Innovation, IPR and Entrepreneurship Development

Short Term Certificate Courses, Regular Academic Programs and Courses offered at Institute on Innovation, IPR and Entrepreneurship Development for Students, Faculties and Start-ups

Academic Year	Title of Course	Subject Focus of Course	Type of Course	Mode of Delivery	Duration of Course / Subject (Minimum 30 Contact Hours)	Total Enrollment for the Course	Total Nos. Completed the Course
2017-18	Business Laws	Cognitive skill Development	Credit Course (Compulsory)	Classroom	64	144	140
2017-18	Entrepreneurial Development	Cognitive skill Development	Credit Course (Compulsory)	Classroom	64	144	140
2017-18	Entrepreneurship Development theory	Innovation and Entrepreneurship Development	Credit Course (Compulsory)	Classroom	51	27	25
2017-18	Pattern making and Garment Construction for Childrens Wear Practical	Cognitive skill Development	Credit Course (Compulsory)	Classroom	51	36	34
2017-18	Pattern Making and Garment Construction for Mens Wea Practical	Cognitive skill Development	Credit Course (Compulsory)	Classroom	51	36	34
2017-18	Computer Aided Designing	Design thinking	Credit Course (Compulsory)	Classroom	51	36	34
2017-18	Eco Dyeing	Design thinking	Credit Course (Compulsory)	Classroom	51	36	34
2017-18	Fabric Structure and Design	Cognitive skill Development	Credit Course (Compulsory)	Classroom	51	36	34
2017-18	Fashion Designing Practical	Design thinking	Credit Course (Compulsory)	Classroom	51	36	34
2017-18	Pattern Making Practical	Design thinking	Credit Course (Compulsory)	Classroom	51	36	34
2017-18	Fashion Business and Communication	Innovation and Entrepreneurship Development	Credit Course (Compulsory)	Classroom	51	36	34

Faculty with Entrepreneurial Experience

Regular Faculties Engaged in Teaching with Experience in Innovation Design, IPR, Business Modelling, Entrepreneurship Development, Start-up, etc.

Academic Year	Faculty Name	Department	Years of Experience in Start-up / Entrepreneurship	Area of Expertise (Multiple Options can be Selected)	Level of Involvements as	Is Faculty, a Founder/Director of any Start-up	Name of the Start-up (Multiple Startups can be mentioned with Comma)	Director Identification Number (DIN)
2015-16	Sangeetha	3	Nutrition and Dietetics	Business Modelling,Start-up Operation	Mentor	No	---	---
2016-17	Shajahan	18	Botany	Innovation Design,IPR	Mentor	No	---	---
2017-18	Balaguru	3	Department of Botany	IPR	Mentor	No	---	---

Innovation in Governance

Best Innovative Solutions Developed In-house for Improving Governance of Your Institution

Financial Year	Categories	Title of the Innovation	Brief About Solutions / Approaches Developed and Deployed in Your Institute	Total Project Amount (in Rs.)	Revenue Generated (in Rs.)	Impact created (No. of Direct Beneficiaries/Users)
2017-18	Waste Management	Conversion of organic waste into biogas	Construction of a biogas plant by utilizing the waste products produced from College hostel and recycled for the production of biogas. Every day 14 kg of biogas obtained, which utilize in the hostel kitchen.	1600000.00	365000.00	3300
2017-18	Waste Management	Conversion of organic waste into useful vegetable	Conversion of kitchen waste in to compost by spraying of native microbes . After stage by stage degradation, compost are used as manure for cultivation of vegetable crops	50000.00	90000.00	50

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