



# 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)

Institute Name: Muthayammal College of Arts & Science [ARI-C-9490]

#### 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 Rupees)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	Awareness / Motivational Programs	GUEST LECTURE	Entrepreneurship/ Startup	08-Oct-2015 to 08-Oct-2015 (1 Days)	Within Campus	90	0	90	5000.00	0.00	5000.00
2015-16	Awareness / Motivational Programs	CREATE BUSINESS IDEAS AMONG YOUTH	Entrepreneurship/ Startup	18-Jan-2016 to 18-Jan-2016 (1 Days)	Within Campus	90	0	90	10000.00	0.00	10000.00
2015-16	Awareness / Motivational Programs	BUSINESS AWARENESS	Entrepreneurship/ Startup	21-Sep-2016 to 21-Sep-2016 (1 Days)	Within Campus	220	0	220	5000.00	0.00	5000.00
2016-17	Awareness / Motivational Programs	ENTREPRENEURSHIP AWARENESS TRAINING PROGRAM FOR THE ST YOUTH FROM KOLLI HILLS NAMAKKAL DISTRICT	Entrepreneurship/ Startup	02-Jan-2017 to 02-Jan-2017 (1 Days)	Within Campus	0	43	43	0.00	95000.00	95000.00
2017-18	Awareness / Motivational Programs	GUEST LECTURE ON YOU CAN START THE BUSINESS (MSME FUNDED)	Entrepreneurship/ Startup	27-Sep-2017 to 27-Sep-2017 (1 Days)	Within Campus	0	94	94	0.00	5000.00	5000.00
2017-18	Awareness / Motivational Programs	DST SPONSORED ENTREPRENEURSHIP AWARENESS CAMP FOR SCIENCE STUDENTS	Entrepreneurship/ Startup	26-Oct-2017 to 28-Oct-2017 (3 Days)	Within Campus	76	0	76	0.00	10000.00	10000.00
2017-18	Awareness / Motivational Programs	DST SPONSORED ENTREPRENEURSHIP AWARENESS CAMP FOR SCIENCE STUDENTS	Entrepreneurship/ Startup	11-Dec-2017 to 13-Dec-2017 (3 Days)	Within Campus	81	0	81	0.00	10000.00	10000.00

**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

2017-18	Awareness / Motivational Programs	GUEST LECTURE HOW TO START THE BUSINESS	Entrepreneurship/ Startup	08-Feb-2018 to 08-Feb-2018 (1 Days)	Within Campus	98	0	98	5000.00	0.00	5000.00
2017-18	Awareness / Motivational Programs	GUEST LECTURE ON BUSINESS MODEL AND BUSINESS PLAN TRAINING PROGRAM	Entrepreneurship/ Startup	06-Mar-2018 to 15-Mar-2018 (10 Days)	Within Campus	0	34	34	0.00	16320.00	16320.00

**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 Rupees)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	Awareness / Motivational Programs	Entrepreneurship/S tartup	New Age Entrepreneurship, Developing Start-up eco-system and angel investment culture	Sona college of Technology	National	Student	10	0	1000.00	0.00	1000.00
2015-16	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	Star Trek	C.S.I. Polytechnic, Salem	National	Student	6	0	600.00	0.00	600.00
2016-17	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	Star Trek	Sona college of Technology	National	Student	4	0	400.00	0.00	400.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	Business Expo 2016	Periyar university, Salem	National	Student	126	0	12600.00	0.00	12600.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	International Coir fair Exhibition	Coir Board & ITCOT, Coimbatore	National	Student	10	0	2000.00	0.00	2000.00
2016-17	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	Entrepreneur training	Shri Vasavi Agencies, Vennandur	National	Student	4	0	200.00	0.00	200.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	Campus Company Inauguration (Frozen Bae)	Muthayammal College of Arts & Science	National	Student	1	0	0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	NEN online course	Muthayammal College of Arts & Science, Rasipuram	National	Student	57	0	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	NEN online Course	Muthayammal College of Arts & Science, Rasipuram	National	Student	102	0	0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	E-Week Finale	Siri Fort Auditorium, New Delhi	National	Student	10	0	8000.00	0.00	8000.00

**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	MSME ACTIVITIES	EDII	National	Both	180	BEST E-CELL AWARD BY EDII CHENNAI	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

Financial Year	Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge Name	Facility area in Sq Ft	Operational Cost of Centre (in Rupees) (Construction Cost is excluded)		
							Institute Own / Internal Fund (in Rupees)	Sponsorship / External Fund	Total Operational Cost of Centre
2017-18	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE, RASIPURAM	Pre-Incubation	2017	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE, RASIPURAM	KARTHIGAI SELVAM A	10800	20000.00	0.00	20000.00
2017-18	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE, RASIPURAM	Pre-Incubation	2017	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE, RASIPURAM	KARTHIGAI SELVAM A	10800	20000.00	0.00	20000.00
2017-18	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE, RASIPURAM	Pre-Incubation	2017	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE, RASIPURAM	KARTHIGAI SELVAM A	10800	20000.00	0.00	20000.00
2017-18	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE, RASIPURAM	Pre-Incubation	2017	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE, RASIPURAM	KARTHIGAI SELVAM A	10800	20000.00	0.00	20000.00
2017-18	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE, RASIPURAM	Pre-Incubation	2017	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE, RASIPURAM	KARTHIGAI SELVAM A	10800	20000.00	0.00	20000.00

**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	
2015-16	Non-Patented Innovative Technology to Start-up	VERMICOMPOSTING	Student and Faculty		On Progress	10	20000.00	0.00	0.00	20000.00	IP – Tech Transfer/Commercialization Phase
2015-16	Non-Patented Innovative Technology to Start-up	EPICULTURE	Student and Faculty		On Progress	12	30000.00	0.00	0.00	30000.00	Technology Development/Pre Incubation Phase
2016-17	Non-Patented Innovative Technology to Start-up	ORGANIC FARMING	Student and Faculty		On Progress	22	25000.00	0.00	0.00	25000.00	Technology Development/Pre Incubation Phase

### 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

2016-17	Non-Patented Innovative Technology to Start-up	PLANT TISSUE CULTURE TECHNOLOGY	Student and Faculty		On Progress	15	50000.00	0.00	0.00	50000.00	Technology Development/Pre Incubation Phase
2016-17	Non-Patented Innovative Technology to Start-up	BAKERY AND CONFECTIONERY	Student and Faculty		On Progress	50	100000.00	0.00	0.00	100000.00	IP – Tech Transfer/Commercialization Phase
2017-18	Non-Patented Innovative Technology to Start-up	FROZEN BAE	Student	Bachelor	On Progress	2	100000.00	0.00	0.00	100000.00	IP – Tech Transfer/Commercialization Phase
2017-18	Non-Patented Innovative Technology to Start-up	MUSHROOM CULTIVATION	Student and Faculty		On Progress	3	50000.00	0.00	0.00	50000.00	IP – Tech Transfer/Commercialization Phase

### 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 Rupees)		
						Institution Own Fund	Sponsorship / Grant Fund	Total Amount Spent towards Patent Filing (in Rupees)
2017-18	NATIVE PHAGE ENRICHMENT TO COMBAT BACTERIAL PROLIFERATION AT CRITICAL NON FOOD CONTACT SURFACE AREAS OF FOOD INDUSTRIES - A STANDARD PATENT HAS BEEN FILED WITH IP AUSTRALIA ON 18TH MAY 2014	2014202695	Jointly with Industry	International	Patent Granted	0.00	250000.00	250000.00

### 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	Total Grant Allocated Amount (in Rupees)	Total Grant Received Amount (in Rupees) (as of 31st March 2018)	Purpose of Grant Utilization (Multiple options can be selected)	Purpose of Grant Utilization (Other)
2015-16	Non-Government	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE	3	200000.00	150000.00	Seed Fund / Investment Support to Innovation/Startups	---
2015-16	Non-Government	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE	3	200000.00	200000.00	Seed Fund / Investment Support to Innovation/Startups	---
2015-16	Non-Government	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE	3	800000.00	750000.00	Seed Fund / Investment Support to Innovation/Startups	---

**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

2015-16	Non-Government	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE	3	100000.00	25000.00	Training and Capacity Development on Innovation/Startup	---
2016-17	Non-Government	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE	2	500000.00	200000.00	Seed Fund / Investment Support to Innovation/Startups	---
2016-17	Non-Government	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE	2	100000.00	80000.00	Training and Capacity Development on Innovation/Startup	---
2017-18	Non-Government	MUTHAYAMMAL COLLEGE OF ARTS AND SCIENCE	1	1000000.00	700000.00	Seed Fund / Investment Support to Innovation/Startups	---

**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

Financial Year	Investor Type	Amount Committed / Lined Up (in Rupees)	Total Number of Successful Investments in Ideas / Innovation / Start-ups	Total Amount Invested
2015-16	Institute / Incubator's Own Investment Fund, if any	200000.00	1	150000.00
2015-16	Institute / Incubator's Own Investment Fund, if any	200000.00	2	200000.00
2015-16	Institute / Incubator's Own Investment Fund, if any	800000.00	10	750000.00
2015-16	Institute / Incubator's Own Investment Fund, if any	100000.00	25	25000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	500000.00	3	200000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	100000.00	42	80000.00
2017-18	Institute / Incubator's Own Investment Fund, if any	1000000.00	3	700000.00

**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 Rupees)	Equity / Share Percentage (%) in Startup	From Equity/Share held in Startup (in Rupees)	Total Revenue Generated (in Rupees)
2015-16	EPICULTURE	Faculty	Receiving Incubation	15000.00	0	0.00	15000.00
2015-16	VERMICOMPOSTING	Faculty	Receiving Incubation	24000.00	0	0.00	24000.00
2016-17	PLANT TISSUE CULTURE	Faculty	Receiving Incubation	60000.00	0	0.00	60000.00
2016-17	ORGANIC FARMING	Faculty	Receiving Incubation	12000.00	0	0.00	12000.00
2016-17	BAKERY AND CONFECTIONERY	Faculty	Receiving Incubation	125000.00	0	0.00	125000.00
2017-18	MUSHROOM CULTIVATION	Faculty	Receiving Incubation	40000.00	0	0.00	40000.00
2017-18	FROZEN BAE	Student	Receiving Incubation	74000.00	0	0.00	74000.00

**Infrastructures & Facilities to Support Innovations and Start-ups**
**Advanced Infrastructure**
**Advanced Lab Infrastructure/Facilities available to Support Innovation and Start-Up**

Yes

**If Yes, Type of Lab Infrastructures / Facilities Available (Multiple Options can be Selected)**

Supercomputing Centre

**List Maximum Five Advanced Labs Infrastructures Available in your Campus**

Name of the Centre	Sector Focus of Centre (Separate Multiple Sectors with Comma ",")	Name of the Centre In charge	Email of the Centre In charge
INNOGEN	BIOTECHNOLOGY	A.KARTHIGAISELVAM	edp@muthayammal.in

**Pre Incubation Centre Available in your Campus**
**Pre-Incubation Centre**

Yes

**Type of Centre (Multiple options can be selected)**

Student Innovation and Entrepreneurship Clubs

**List Maximum Five Pre-Incubation Centre Available in your Campus**

Name of the Centre	Sector Focus of Centre (Separate Multiple Sectors with Comma ",")	Name of the Centre In charge	Email of the Centre In charge
INNOGEN	BIOTECHNOLOGY, PRODUCT DEVELOPMENT, FABRICATION, NEURACEUTICALS	Dr.H.LOOKMAN SITHIC	placement@muthayammal.in

**Incubation Unit/Acceleration Centre/ Research Park / STEP**
**Incubation Unit/Acceleration Centre/ Research Park / STEP Available in your Campus**

No

**Type of Centre (Multiple options can be selected)**
**List Maximum Five Pre-Incubation Centre Available in your Campus**

Name of the Centre	Sector Focus of Centre (Separate Multiple Sectors with Comma ",")	Name of the Centre In charge	Email of the Centre In charge
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**Student Projects recognized at National / International Level**

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

Financial Year of Award Received	Name of the Award / Program	Awarding Agency Name	Type of Award	Current Status (as of 31st March 2018)	Total Team Size (Student + Faculty)
2016-17	STUDENT PROJECT	TNSCST	National	Technology Development/Pre Incubation Phase	4

### Student Projects recognized at National / International Level

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

2016-17	STUDENT PROJECT	TNSCST	National	Technology Development/Pre Incubation Phase	2
2017-18	STUDENT PROJECT	TNSCST	National	Technology Development/Pre Incubation Phase	5
2017-18	STUDENT PROJECT	TNSCST	National	Technology Development/Pre Incubation Phase	4
2017-18	STUDENT PROJECT	TNSCST	National	Technology Development/Pre Incubation Phase	3
2017-18	STUDENT PROJECT	TNSCST	National	Technology Development/Pre Incubation Phase	4
2017-18	STUDENT PROJECT	TNSCST	National	Technology Development/Pre Incubation Phase	2

### 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 Rupees 50 Lakhs (or) 10 employees for a period of 2 years
2015-16	EPICULTURE	Faculty	DR B SURESH KUMAR	Yes	MRCIE	3	No	---	Self-Supported	No
2016-17	VERMICOMPOSTING	Faculty	MR A K SARAVANAN, DR M MAHGIMAA	Yes	MRCIE	1	No	---	Receiving Pre-Incubation	---
2016-17	PLANT TISSUE CULTURE	Faculty	DR IYAPPAN, DR SELVAMALEESHWARAN	Yes	MRCIE	3	No	---	Receiving Pre-Incubation	---
2016-17	ORGANIC FARMING	Faculty	DR M SHABANA BEGUM, DR M DEVI	Yes	MRCIE	3	No	---	Self-Supported	No
2016-17	BAKERY AND CONFECTIONERY	Faculty	MR MUGUNTHAKUMAR , MR PRABHU	Yes	MRCIE	3	No	---	Receiving Pre-Incubation	---
2017-18	MUSHROOM CULTIVATION	Faculty	DR S SHAHITHA, DR P SELVAMALEESHWARAN	Yes	MRCIE	2	No	---	Receiving Pre-Incubation	---
2017-18	COMMERCIAL APPLICATIONS OF BIOPOLYMER FROM BIOLOGICAL MATERIALS	Faculty	DR IYAPPAN, MRS D KAVITHA	No	---	---	No	---	Self-Supported	No
2017-18	PERSONNEL AND HOMECARE PRODUCTS	Faculty	DR N SUDHA, DR N NITHYA	No	---	---	No	---	Self-Supported	No
2017-18	FIBER EXTRACTION FROM NATURAL SOURCES	Faculty	MRS PRIYA	No	---	---	No	---	Self-Supported	No

### Innovations to Startups

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

2017-18	HOME APPLIANCE CONTROL USING WIRELESS REMOTE	Faculty	MR KANNAN	Yes	MRCIE	1	No	---	Self-Supported	No
2017-18	NEUTRACEUTICAL FOOD	Faculty	DR N SUDHAKAR	No	---	---	No	---	Self-Supported	No
2017-18	WASTE MANAGEMENT	Faculty	DR N SUDHAKAR	No	---	---	No	---	Self-Supported	No
2017-18	HERBAL PRODUCTS	Faculty	DR M SHABANA BEGUM, DR M DEVI	Yes	MRCIE	1	No	---	Receiving Pre-Incubation	---
2017-18	FROZEN BAE	Student	MR SOORIYA, DR N SUDHAKAR	No	---	---	No	---	Receiving Pre-Incubation	---

### Co-Incubation Partnership

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

**Not Applicable!**

### 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
2015-16	MUSHROOM CULTIVATION	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	45	18	18
2015-16	EPICULTURE CERTIFICATE COURSE	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	45	20	20
2015-16	ORGANIC FARMING	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	40	20	20
2015-16	PLANT TISSUE CULTURE TECHNOLOGY	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	44	20	20
2015-16	VERMICOMPOSTING	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	45	25	25
2015-16	WORKSHOP ON BAKERY AND CONFECTIONERY	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	42	22	22
2016-17	MUSHROOM CULTIVATION	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	45	76	76
2016-17	EPICULTURE CERTIFICATE COURSE	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	45	25	25
2016-17	ORGANIC FARMING	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	40	50	50
2016-17	PLANT TISSUE CULTURE TECHNOLOGY	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	44	50	50
2016-17	VERMICOMPOSTING	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	45	30	30



### 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

2016-17	WORKSHOP ON BAKERY AND CONFECTIONERY	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	42	42	42
2017-18	MUSHROOM CULTIVATION	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	45	39	39
2017-18	EPICULTURE CERTIFICATE COURSE	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	45	25	25
2017-18	ORGANIC FARMING	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	40	22	22
2017-18	PLANT TISSUE CULTURE TECHNOLOGY	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	44	58	58
2017-18	VERMICOMPOSTING	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	45	50	50
2017-18	WORKSHOP ON BAKERY AND CONFECTIONERY	Innovation and Entrepreneurship Development	Short Term Certificate Course	Classroom	42	53	53

### 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)
2017-18	DR N SUDHAKAR	WASTE WATER MANAGEMENT AND ENVIRONMENTAL TECHNOLOGY	7	Entrepreneurship Development	Mentor	No	---	---
2017-18	DR N SUDHA	PERSONNEL AND HOME CARE PRODUCTS	5	Entrepreneurship Development	Mentor	No	---	---
2017-18	DR M MAGHIMAA	SPIRULINA VALUE ADDED PRODUCTS	6	Entrepreneurship Development	Mentor	No	---	---
2017-18	DR N NITHYA	PERSONNEL AND HOME CARE PRODUCTS	5	Entrepreneurship Development	Mentor	No	---	---
2017-18	DR S SHAHITHA	FUNGAL PRODUCTS	4	Entrepreneurship Development	Innovator	No	---	---
2017-18	MR A K SARAVANAN	AGRO PRODUCTS	9	Entrepreneurship Development	Innovator		---	---
2017-18	MR M SELVAN	AZOLLA CULTIVATION	3	Entrepreneurship Development	Innovator	No	---	---
2017-18	MRS J VIDYA	FIBER EXTRACTION FROM NATURAL SOURCES	4	Entrepreneurship Development	Innovator	No	---	---
2017-18	MR C UWANESHWARAN	ANTI ALLERGIC FINISH ON KNITTED OR WOVEN FABRIC	3	Entrepreneurship Development	Innovator	No	---	---
2017-18	MRS S PRIYA	MOSQUITO REPELLENT FROM NATURAL OIL	3	Entrepreneurship Development	Innovator	No	---	---
2017-18	MR S SANTHOSH	IOT	3	Entrepreneurship Development	Innovator	No	---	---

**Faculty with Entrepreneurial Experience**

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

2017-18	MR S KANNAN	HOME APPLIANCE CONTROL USING WIRELESS REMOTE	3	Entrepreneurship Development	Innovator	No	---	---
2017-18	MRS P SARASWATHI	BLUETOOTH BASED FIRE FIGHTING ROBOT	3	Entrepreneurship Development	Innovator	No	---	---
2017-18	MRS M NAGALAKSHMI	IOT AND GSM	2	Entrepreneurship Development	Innovator	No	---	---
2017-18	MRS P VIJAYALAKSHMI	GSM INTERFACE TECHNOLOGY	3	Entrepreneurship Development	Innovator	No	---	---
2017-18	MR S ARULMANI	WIRELESS REMOTE CONTROL	3	Entrepreneurship Development	Innovator	No	---	---
2017-18	MRS G BHUVANESWARI	BUTTER REMOVER	5	Entrepreneurship Development	Innovator	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 Rupees)	Revenue Generated (in Rupees)	Impact created (No. of Direct Beneficiaries/Users)
2015-16	Energy Conservation	SOCIO ECONOMIC UPLIFTMENT OF PEOPLE LIVING IN KOLLI HILLS THROUGH INPUTS OF SCIENCE AND TECHNOLOGY	BIOTECHNOLOGICAL APPROACH TO WASTE MANAGEMENT IN RESOURCE POOR ENVIRONMENT	274000.00	500000.00	200
2017-18	Creativity and Cognitive Skill Development of Students	Entrepreneurship Training Program for ST youth from Kolli Hills	Awareness camp on Entrepreneurship	300000.00	500000.00	50

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