



# 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: C M R Institute of Technology [ARI-C-1406]

### 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	Exhibitions of Innovative Products / E-Summits / Tech-Fests	srishti	Innovation	07-May-2015 to 10-May-2015 (4 Days)	Outside Campus	100	1200	1300	100000.00	100000.00	200000.00
2016-17	Workshops / Training / Seminars / Conferences	CNC Router training	Innovation	23-Jan-2017 to 27-Jan-2017 (5 Days)	Within Campus	22	0	22	10000.00	0.00	10000.00
2016-17	Other Related Programs	greenhood student innovation challenge	Innovation	11-Feb-2017 to 11-Feb-2017 (1 Days)	Within Campus	32	0	32	0.00	5000.00	5000.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Greenhood waste recycling challenge	IPR	27-Feb-2017 to 27-Feb-2017 (1 Days)	Within Campus	45	0	45	0.00	10000.00	10000.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	greenhood innovation challenge	Entrepreneurship/Startup	03-Mar-2017 to 04-Mar-2017 (2 Days)	Within Campus	58	0	58	0.00	15000.00	15000.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Greenhood societal innovation challenge	Innovation	24-Mar-2017 to 25-Mar-2017 (2 Days)	Within Campus	72	0	72	0.00	20000.00	20000.00
2016-17	Workshops / Training / Seminars / Conferences	laser cutter taining	Innovation	27-Mar-2017 to 31-Mar-2017 (5 Days)	Within Campus	29	0	29	10000.00	0.00	10000.00
2017-18	Workshops / Training / Seminars / Conferences	Laser cutter training	Innovation	03-Apr-2017 to 07-Apr-2017 (5 Days)	Within Campus	25	0	25	10000.00	0.00	10000.00
2017-18	Workshops / Training / Seminars / Conferences	3D printer training	Innovation	01-May-2017 to 05-May-2017 (5 Days)	Within Campus	39	0	39	10000.00	0.00	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	Hackathons/Competition/Boot-Camp/Exchange Programs	srishti	Innovation	11-May-2017 to 14-May-2017 (4 Days)	Outside Campus	150	1500	1650	200000.00	200000.00	400000.00
2017-18	Workshops / Training / Seminars / Conferences	Patent training workshop by Neeraj Panchal, Patent Attorney	IPR	02-Feb-2018 to 02-Feb-2018 (1 Days)	Within Campus	60	10	70	0.00	40000.00	40000.00
2017-18	Workshops / Training / Seminars / Conferences	One day workshop on Geographical Indication by Swapnil Gawande, Nagpur orange fame	Entrepreneurship/Startup	12-Feb-2018 to 12-Feb-2018 (1 Days)	Within Campus	80	0	80	1000.00	0.00	1000.00
2017-18	Awareness / Motivational Programs	One day one to one discussion on Innovation and Entrepreneurship	Entrepreneurship/Startup	09-Mar-2018 to 09-Mar-2018 (1 Days)	Within Campus	50	0	50	1000.00	0.00	1000.00
2017-18	Awareness / Motivational Programs	Awareness on finances, funding of startups	Entrepreneurship/Startup	26-Mar-2018 to 26-Mar-2018 (1 Days)	Within Campus	72	0	72	1000.00	0.00	1000.00
2017-18	Awareness / Motivational Programs	One day workshop on recycling of flex banners	Innovation	13-Apr-2018 to 13-Apr-2018 (1 Days)	Within Campus	40	0	40	0.00	5000.00	5000.00

### 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	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Ideas for India	Universe Health, Education and Environment Trust	National	Student	30	Won the First Prize, Second Prize, Third Prize and Consolation prizes by our college students.	0.00	0.00	0.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Eureka 2K15	CMR INSTITUTE OF MANAGEMENT STUDIES	National	Student	100	Won the 2nd prize for the Idea to Develop near zero-cost bricks for non-critical structures.	0.00	0.00	0.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Ideathon 2.0	KINFRA Park, Trivandrum	National	Student	20	Two ideas in top 100, Asia level competition	0.00	0.00	0.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/Startup	TP Pitch Off March 2015	TP Pitch Off Bangalore Edition	National	Student	20	Fianl 11, National Level competition.	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.

2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Srishti 2015	New Horizon College of Engineering	National	Student	80	Won 10 prizes and runners of the Srishti. we won the prizes in different domains like Swachha Bharath, Rural Development, Affordable Health care, Overall runners of the Srishti	0.00	0.00	0.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/Startup	IEEE UPP mini	IEEE. Advancing Technology for Humanity	National	Student	30	Won a prize for the Developing a Vehicle safety module (VSM) which will inform about an accident remotely without human interference.	0.00	0.00	0.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/Startup	THE GE EDISON CHALLENGE 2016	THE GE EDISON CHALLENGE INNOVATION	National	Student	30	We have reached the finals of the GE EDISON CHALLENGE 2016 competition	0.00	0.00	0.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/Startup	FKCCI Manthan 2016	FEDERATION OF KARNATAKA CHAMBERS OF COMMERCE & INDUSTRY	National	Both	50	Our student Abhay rangam Won prize money of Rs.50000/-	0.00	0.00	0.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	KSCST - March 2015	Karnataka State Council for Science and Technology	National	Student	5	The project submitted was Dismantlable houses for urban & rural slums & use recycled plastic, flyash and sand for building the same.	0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	smart india hackathon 2017	AICTE	National	Student	6	finals	10000.00	5000.00	15000.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/Startup	FKCCI Manthan 2017	FEDERATION OF KARNATAKA CHAMBERS OF COMMERCE & INDUSTRY	National	Both	20		0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Srishti 2016	C M R Institute of Technology	National	Student	200	Srishti 2016, Overall runners of the college, and won many prizes in all categories for different projects.	0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/Startup	University Innovation Fellows - September 2016	Stanford University	International	Student	20	University Innovation Fellows program, Google's US \$ 4000 scholarship , Among 20 from India 3 students are selected for UIF program from CMRIT.	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.

2016-17	Other Related Programs	Entrepreneurship/S tartup	Grace Hopper Celebration of Women in Computing India (GHCI) Scholarship	Anita B.org Institute	International	Student	5	Two Girls received the Fellowship, Rs 7000 scholarship, All paid (food, accommodation, etc) 3 Days, 2 Nights stay at Taj Vivanta, Bangalore, Free admission to internship & networking meetings etc	0.00	0.00	0.00
2016-17	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Entrepreneurship/S tartup	Indian International Innovation Fair, (IIIF)Bangalore, September 2016	Government of Karnataka , Bangalore	National	Both	20	Won a gold medal for the Utility of Fly ash and won Portuguese medal aslo	0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/S tartup	Agasthya Foundation Anveshana	Agasthya Foundation	National	Student	10	Won a prize IOT based Smart MOP	0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Ideas for India	Universe Health, Educaion and Environment Trust	National	Student	20	Won 4 prizes for all different ideas.	0.00	0.00	0.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/S tartup	Ideas for India	Universe Health Education and Environment Trust	National	Student	20	our students won four prizes for best ideas for India	0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	smart india hackathon 2018	aicte	National	Student	6	india second position	20000.00	5000.00	25000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/S tartup	FKCCI Manthan 2018	FEDERATION OF KARNATAKA CHAMBERS OF COMMERCE & INDUSTRY	National	Both	30	Won consolation prize on the environmental category	0.00	0.00	0.00

**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 Rs.) (Construction Cost is excluded)		
							Institute Own / Internal Fund (in Rs.)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	solid waste management and plastic utilization	Pre-Incubation	2015	Chemistry department 2nd floor	phani kumar pullela	200	0.00	300000.00	300000.00
2015-16	Bigtec CMRIT sensor research centre	Pre-Incubation	2015	2nd floor basic science building chemistry department instrumentation room	phani kumar pullela	200	0.00	3000000.00	3000000.00
2015-16	nanomaterial research centre	Pre-Incubation	2015	ground floor, opposite to deans office, main engineering building	chaitanya lekshmi indira	1500	100000.00	4000000.00	4100000.00

### Pre-Incubation and Incubation facilities exist in-campus

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

2015-16	electronics and power applications centre	Pre-Incubation	2015	ground floor, between deans office and prof Muralishankars cabin, main engineering building	Prof H N Shankar	300	200000.00	300000.00	500000.00
2016-17	Metal and metallic stuctures and application lab	Pre-Incubation	2016	ground floor, opposite to deans office, main engineering building	bijayini panda	500	50000.00	1100000.00	1150000.00
2016-17	societal research group and student research centre	Pre-Incubation	2017	4th floor basic science building	phani kumar pullela	400	200000.00	1000000.00	1200000.00
2017-18	water exploratory research centre	Incubation	2018	4th floor basic science building next to faculty room	phani kumar pullela	500	0.00	1000000.00	1000000.00
2017-18	SC ST Student entrepreneurship development cell	Incubation	2018	4th floor basic science building	phani kumar pullela	200	0.00	400000.00	400000.00
2017-18	AICTE SPDP Seminar hall	Pre-Incubation	2017	3rd floor, civil engineering department floor, new mechanical building	srinivas reddy mungara	1200	300000.00	600000.00	900000.00
2017-18	geopolymer concrete research lab	Pre-Incubation	2018	basement opposite to concrete lab civil engineering department New mechanical building	Karthik N M	350	50000.00	500000.00	550000.00

### 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-Technological Innovation to Startup	Greenhood technologies	Student	Bachelor	Successfully Completed	2	200000.00	0.00	0.00	200000.00	Graduated Startup
2016-17	Non-Technological Innovation to Startup	Bleave private limited	Student	Bachelor	Successfully Completed	1	1000000.00	0.00	0.00	1000000.00	Graduated Startup
2016-17	Non-Patented Innovative Technology to Start-up	Greenhood beverages	Student	Bachelor	Successfully Completed	2	100000.00	0.00	0.00	100000.00	Graduated Startup
2017-18	Patented Innovative Technology to Start-up	Geopolymer concrete bricks for consturction	Student	Bachelor	Successfully Completed	2	50000.00	1500000.00	0.00	1550000.00	Startup under Incubation Phase
2017-18	Non-Patented Innovative Technology to Start-up	Veganarke, Goodmylk. Milk from alomnd seeds	Student	Bachelor	Successfully Completed	1	90000.00	0.00	26000000.00	26090000.00	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.)
2015-16	A METHOD FOR ISOLATION OF NUCLEIC ACIDS AND A KIT THEREOF	50/CHE/2010	Faculty	International	Patent Granted	0.00	0.00	0.00
2016-17	Assay of chemical and biochemical analytes using super absorbent polymers	201641008448	Jointly with Industry	National	Application Published	0.00	65000.00	65000.00
2017-18	A composition, a process of preparing the composition, a process of treating wastewater and a device	201741045746	Jointly with Industry	National	Application under Examination	0.00	95000.00	95000.00
2017-18	A composition, a process of preparation and application thereof	201741046135	Student and Faculty	National	Application under Examination	0.00	45000.00	45000.00
2017-18	A composition, an article, processes of preparation and application thereof	201741046134	Student and Faculty	National	Application under Examination	0.00	45000.00	45000.00
2017-18	A composition, an article, processes of preparation and application thereof	201741046140	Jointly with Industry	National	Application under Examination	0.00	45000.00	45000.00
2017-18	an analyte detection device	201841012299	Student and Faculty	National	Provisional/Complete Specification	0.00	40000.00	40000.00

**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)

Financial Year	Name of the Innovative Technology Commercialized/Transferred	Patent No	Type of Patent	Year of Patent Issued	Conversion of Patent / Innovative Technologies to Commercialization		Total Amount Spent towards Patent Maintenance & Commercialization Expenses (in Rs.) (As of 31st March 2018)		Total Revenue Amount from Commercialization of Technologies (General Consultancy and Testing Services Fee Excluded)	
					Mode of Commercialization	Name of Agency / Org / Industry / Start-up Adopted Technology	Institute Own/Internal Fund (in Rs.)	Sponsorship / Grant Fund	Institute Own/Internal Fund (in Rs.)	Sponsorship / Grant Fund
2015-16	instant colorimetric sensor beads for detection of pesticides heavy metals food adulterants and endocrine disruptors	201641008448	National	2018	One Time Transfer of Innovation/Technology to Industry/Startup	robust materials private ltd	0.00	100000.00	0.00	100000.00
							100000.00	100000.00		

**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)

2016-17	instant sewage water treatment	201741045746	National	2018	Mode of Commercialization	Licensing to Industry	Institute Own/Internal Fund (in Rs.)	0.00	Institute Own/Internal Fund (in Rs.)	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	iSquareD	Sponsorship / Grant Fund	1000000.00	Sponsorship / Grant Fund	1000000.00
						Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	1000000.00	Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	1000000.00	
2017-18	novel geopolymers paver block technology	201741046135	National	2018	Mode of Commercialization	Conversion into Start-up	Institute Own/Internal Fund (in Rs.)	0.00	Institute Own/Internal Fund (in Rs.)	0.00
					Name of Agency / Org / Industry / Start-up Adopted Technology	CO3 structural systems	Sponsorship / Grant Fund	300000.00	Sponsorship / Grant Fund	300000.00
						Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	300000.00	Total Amount Spent towards Patent Maintenance and Commercialization Expenses (in Rs.) as of 31st March 2018	300000.00	

**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)
2015-16	Government	DST nanomission	03.0	6000000.00	5600000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation, Other	research in naomaterials and crystals
2015-16	Government	Vision Group on Science and Technology - SMYSR	01.0	400000.00	400000.00	Technology Transfer / Commercialization, Seed Fund / Investment Support to Innovation/Startups	---
2015-16	Non-Government	universe trust	01.0	10000.00	10000.00	Seed Fund / Investment Support to Innovation/Startups, Other	this grant is meant for students to experiment with new ideas
2015-16	Non-Government	arihant trust	01.0	120000.00	120000.00	Other	meant for rural economically weak girl students to learn new skills
2016-17	Non-Government	arihant trust	01.0	100000.00	100000.00	Other	meant for rural economically weak girl students to learn new skills
2016-17	Government	AICTE	03.0	2122353.00	1061177.00	Pre-Incubation & Incubation Activities in Campus, Intellectual Property (IP) Filing and Maintenance, Training and Capacity Development on Innovation/Startup	---

**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

2016-17	Industry / CSR	iSquareD	05.0	2000000.00	1350000.00	Pre-Incubation & Incubation Activities in Campus, Technology Transfer / Commercialization, Intellectual Property (IP) Filing and Maintenance	---
2016-17	Government	Department of Science and Technology	03.0	4587000.00	307000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation, Technology Transfer / Commercialization, Intellectual Property (IP) Filing and Maintenance	---
2016-17	Non-Government	Universe trust	01.0	10000.00	10000.00	Seed Fund / Investment Support to Innovation/Startups, Other	this grant is for students to experiment new ideas
2016-17	Government	DST YSS SERB	03.0	2300000.00	2000000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation, Other	research in nanomaterials and allied fields
2016-17	Government	DST YSS SERB	03.0	1900000.00	1800000.00	Pre-Incubation & Incubation Facility/Infrastructure Creation, Other	research new metal structures creation
2016-17	Non-Government	samuha	01.0	45000.00	48500.00	Technology Transfer / Commercialization, Other	research on solar multiburner stove
2017-18	Non-Government	universe trust	01.0	12000.00	12000.00	Seed Fund / Investment Support to Innovation/Startups, Other	this grant is for students to experiment new ideas
2017-18	Non-Government	arihant trust	01.0	100000.00	100000.00	Other	meant for rural economically weak girl students to learn new skills

**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 Rs.)	Total Number of Successful Investments in Ideas / Innovation / Start-ups	Total Amount Invested
2015-16	Institute / Incubator's Own Investment Fund, if any	35000.00	1	35000.00
2016-17	Institute / Incubator's Own Investment Fund, if any	50000.00	1	50000.00
2017-18	High Net-worth Individuals (HNIs)	26000000.00	1	26000000.00

**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 Rs.)	Equity / Share Percentage (%) in Startup	From Equity/Share held in Startup (in Rs.)	Total Revenue Generated (in Rs.)
2015-16	greenhood private ltd	Alumni	Graduated from Incubation	60000.00	0	0.00	60000.00
2016-17	Bleave private ltd	Student	Graduated from Incubation	5000.00	0	0.00	5000.00



### 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

2017-18	co3 structural systems	Student	Graduated from Incubation	50000.00	4	0.00	50000.00
2017-18	greenhood beverages	Student	Graduated from Incubation	60000.00	0	0.00	60000.00

### 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)

Design Centre, Maker Space, Fabrication Lab, Other

##### 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
Water exploratory research	water	phani kumar pullela	phanikumar.p@cmrit.ac.in
SC ST entrepreneurship centre	water consumer durables geopolymers	phani kumar pullela	phanikumar.p@cmrit.ac.in
Nanomaterial characterization lab	nanomaterials and allied fields	chaitanya lekshmi indira	Chaitanya.I@cmrit.ac.in
additive manufacturing facility	polymeric materials for 3D printing	vijayanand kaup	vijayananda.k@cmrit.ac.in
electronics and communications centre	traffic light products and power electronics	muralishankar	muralishankar@cmrit.ac.in

#### Pre Incubation Centre Available in your Campus

##### Pre-Incubation Centre

Yes

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

Innovation Cell/Startup Cells, Student Innovation and Entrepreneurship Clubs, Tinkering Labs

##### 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
student research lab	water societal problem solving	phani kumar pullela	phanikumar.p@cmrit.ac.in
sensor lab	sensors	phani kumar pullela	phanikumar.p@cmrit.ac.in
nanomaterial and nano electronics	nanoelectronics sensors	chaitanya lekshmi indira	Chaitanya.I@cmrit.ac.in

## Infrastructures & Facilities to Support Innovations and Start-ups

### Advanced Infrastructure

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

Yes

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

Incubation Centre

#### 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
societal research lab	societal research solid waste utilization construction elements from the waste	phani kumar pullela	phanikumar.p@cmrit.ac.in

## 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)
2015-16	fkcci manthan	federation of karnataka chamber of commerce and industry	National	Dormant Phase/Dropped	4
2016-17	university innovation fellows	stanford university	International	Graduated Startup	1
2016-17	fkcci manthan	federation of karnataka chamber of commerce and industry	National	Dormant Phase/Dropped	4
2016-17	fkcci manthan	federation of karnataka chamber of commerce and industry	National	Graduated Startup	2
2016-17	smart india hackathon 2017	AICTE	National	IP – Tech Transfer/Commercialization Phase	6
2017-18	smart india hackathon 2018	AICTE	National	IP – Tech Transfer/Commercialization Phase	6
2017-18	grand challenges karnataka	government of karnataka	National	Startup under Incubation Phase	7
2017-18	wharton school entrepreneurship program	university of colorado boulder	International	Graduated Startup	1
2017-18	fkcci manthan	federation of karnataka chamber of commerce and industry	National	Dormant Phase/Dropped	4
2017-18	Grand challenges karnataka	Government of karnataka	National	Startup under Incubation Phase	7

## 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
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### Innovations to Startups

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

2015-16	slimming pizza	Student	aishwarya jakka mrinalini menon ashwini nikita	No	---	---	No	---	Receiving Pre-Incubation	---
2016-17	veganarke private ltd	Student	abhay rangen	No	---	---	Yes	DIPP13436	Self-Supported	Yes
2017-18	CO3 structural systems	Student	mohsin ali khan gowtham reddy	No	---	---	Yes	DIPP11089	Graduated	No
2017-18	Bleave private ltd	Student	avinash reddy	No	---	---	Yes	U74999KA2018PTC1 14324	Self-Supported	Yes
2017-18	greenhood beverages private limited	Alumni	ravichand lavu yashwanth	No	---	---	No	---	Self-Supported	No

### 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
2015-16	Incubation Services/Support Received from Other Institute/Incubator	universe trust	Mentoring,Seed fund	4
2016-17	Incubation Services/Support Received from Other Institute/Incubator	universe trust	Mentoring,Seed fund	4
2017-18	Incubation Services/Support Received from Other Institute/Incubator	IKP eden bangalore	Incubation,Mentoring	2
2017-18	Incubation Services/Support Received from Other Institute/Incubator	venture centre pune	Incubation,Mentoring,Networking,Seed fund	1

### 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	management and entrepreneurship for engineers VTU mandatory course	Cognitive skill Development	Bachelor	Classroom	45	900	890
2016-17	management and entrepreneurship for engineers VTU mandatory course	Cognitive skill Development	Bachelor	Classroom	45	850	840
2017-18	management and entrepreneurship for engineers VTU mandatory course	Cognitive skill Development	Bachelor	Classroom	45	800	775

### 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)
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**Faculty with Entrepreneurial Experience**

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

2015-16	phani kumar pullela	7	chemistry	IPR, Business Modelling, Entrepreneurship Development, Start-up Operation	Innovator	No	---	---
2015-16	Srinivas reddy M	3	Mechanical engineering	Business Modelling	Innovator	No	---	---
2016-17	harish babu	3	mechanical engineering	Innovation Design	Mentor	No	---	---
2017-18	Sagar M Baligdad	3	Mechanical Engineering	Innovation Design	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)
2015-16	Exam and Attendance Reforms	employee resource package in house	this solution brought tracking and maintenance of student attendance, tracking of progress, mentoring details etc. this was developed by our CSE faculty and served to fulfill the need gap and brought a customized solution to the college. this eventually turned into a startup which provides ERP solution to not only our college, but also to some institutes in bangalore and is a successful venture.	2000000.00	18000000.00	8
2017-18	Water Conservation and Management	rain water harvesting and STP	the whole campus is now connected to rain water harvesting and it was implemented at the self realization of importance of water and we built a sump below the college ground to collect the water and store and utilize. The water conservation need has driven the college faculty to build an alternative technology for STP which has received Rs 10,00,000 from government of Karnataka and Rs 15,00,000 from government of India and now it is being spun into a separate venture.	1000000.00	2500000.00	3500

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