



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MoE**  
Ministry of Education  
Government of India

### Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2020-21

Institute Name: Cambridge Institute of Technology, Bengaluru [ARI-C-1416]

### List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
Computer Science and Engineering	Academic Department with lab facility	Computer Science	UG / PG / PhD	Technical	763	35	9
Information Science and Engineering	Academic Department with lab facility	Information Technology	UG / PG / PhD	Technical	288	10	2
Electronics and Communication Engineering	Academic Department with lab facility	Embedded Systems	UG / PG / PhD	Technical	596	25	10
Electrical and Electronics	Academic Department with lab facility	Control Systems	UG / PG / PhD	Technical	184	12	6
Mechanical Engineering	Academic Department with lab facility	Machine Design	UG / PG / PhD	Technical	403	28	8
Civil Engineering	Academic Department with lab facility	Structural Engineering	UG / PG / PhD	Technical	189	14	3
Master of Business Administration	Academic Department with lab facility	Finance	UG / PG / PhD	Non-Technical	195	12	2
Master of Computer Applications	Academic Department with lab facility	E-Commerce	UG / PG / PhD	Technical	160	10	4
Incubation Center	Incubation Unit	Sanitation Technologies	UG / PG / PhD	Technical	10	2	1
IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Patents	At all level	Both	0	16	1
HR Department	Industry Institute Interface Unit	Placements	UG / PG / PhD	Both	2778	3	1
Dr. APJ Abdul Kalam Centre for Research and Development	Centre of Excellence with Advance Tools & Equipment	3D Printing	UG / PG / PhD	Technical	9	4	1
MBA Research Centre	Centre of Excellence with Advance Tools & Equipment	AI Based Analytics	UG / PG / PhD	Both	2	3	1
J C Bose Centre for Research and Development	Centre of Excellence with Advance Tools & Equipment	VLSI	UG / PG / PhD	Technical	3	4	1

## List all the departments / centers / units are part of innovation and startup ecosystem of the institute

Sir C V Raman Research Center for Research in Computing	Centre of Excellence with Advance Tools & Equipment	Medical Imaging	UG / PG / PhD	Technical	20	5	1
Roddam Narasimha Center for Research in Physics	Centre of Excellence with Advance Tools & Equipment	Material Science	UG / PG / PhD	Technical	1	1	1
Bharatha Rathna Prof. C N R Rao Centre for R and D, Department of Chemistry	Centre of Excellence with Advance Tools & Equipment	Organic Synthesis, Nano Material Synthesis	UG / PG / PhD	Technical	1	2	1

## Participation of HEI in Innovation & Entrepreneurship Initiatives of Ministry of Education (Till Today)

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	Yes	IIC Registration ID : IC201810969
Trained Innovation Ambassadors at HEI	Yes	Not Required
Participation in Smart India Hackathon (SIH)	No	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

## Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

Srno	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?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Automatic Sanitizer Dispenser	Innovation	Skill development	Student Lead Activity	Dept of CSE, Cambridge Institute of Technology	08-03-2020 00:00:00	31-03-2020 00:00:00	24	Within Campus	2	2	0	0	4	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 1500	No
2	Automatic Temperature Sensor	Innovation	Skill development	Student Lead Activity	Dept of CSE, Cambridge Institute of Technology	01-01-2020 00:00:00	15-03-2020 00:00:00	75	Within Campus	1	4	0	0	5	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 12000	No
3	Bone Fracture Depth Analysis	Innovation	Skill development	Student Lead Activity	Dept of CSE, Cambridge Institute of Technology	03-01-2020 00:00:00	31-03-2020 00:00:00	89	Within Campus	6	1	0	0	7	No	No

**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

4	IOT Based Health Monitoring System	Innovation	Skill development	Institute Lead Activity	Department of ECE	01-12-2019 00:00:00	06-03-2020 00:00:00	97	Within Campus	12	10	0	0	22	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
5	Autonomous Fire fighting DRONE	Innovation	Skill development	Institute Lead Activity	Department of ECE	02-12-2019 00:00:00	06-03-2020 00:00:00	96	Within Campus	12	10	0	0	22	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	50000	No
6	Wireless Notice Board	Innovation	Skill development	Institute Lead Activity	Department of ECE	01-12-2019 00:00:00	29-02-2020 00:00:00	91	Within Campus	12	10	0	0	22	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	No
7	Autonomous fire extinguisher ROBOT	Innovation	Skill development	Institute Lead Activity	Department of ECE	09-12-2019 00:00:00	15-03-2020 00:00:00	98	Within Campus	12	10	0	0	22	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No
8	"Entrepreneurship Development Cell (EDC)"	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Mechanical Engineering	28-04-2019 00:00:00	22-05-2019 00:00:00	25	Within Campus	50	4	0	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	No
9	Webinar on E-filing of Income Tax Returns.	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of MBA	04-01-2020 00:00:00	04-01-2020 00:00:00	1	Within Campus	81	8	0	0	89	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
10	Webinar on Financial Market in Association with BSE. Awareness of Capital Market.	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of MBA	03-01-2020 00:00:00	03-01-2020 00:00:00	1	Within Campus	81	8	0	0	89	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No

**Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI**

11	Indovatio n talk 1 - Transfor mation processe s in the financial world by Dr. Nico Lassing	Entrep neurship/ Startup	Awarene ss	Institute Lead Activity	Departm ent of MBA	18-02-20 20 00:00:00	18-02-20 20 00:00:00	1	Within Campus	81	8	0	0	89	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
12	Indovatio n talk 2 – Transitio n & leadershi p & transfor mation process	Entrep neurship/ Startup	Awarene ss	Institute Lead Activity	Departm ent of MBA	13-03-20 20 00:00:00	13-03-20 20 00:00:00	1	Within Campus	81	8	0	0	89	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
13	A Better Alternative	Entrep neurship/ Startup	Motivatio nal speak	Institute Lead Activity	Basic Science Departm ent	14-02-20 20 00:00:00	14-02-20 20 00:00:00	1	Within Campus	300	16	0	0	316	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
14	Air Pollution reduce it - Now or Never	Entrep neurship/ Startup	Awarene ss	Institute Lead Activity	Basic Science Departm ent	15-02-20 20 00:00:00	15-02-20 20 00:00:00	1	Within Campus	300	16	0	0	316	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No

**Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI**

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizin g Agency / Institute Name	Organizin g Agency Type	Program Start Date	Program End Date	Program Duration(i n Days)	Participa nts (Students )	Participa nts (Faculty)	Total Number of Participa nts	Awards/R ecognitio ns/Achiev ements	Award / Position / Recogniti on Secured	Title of Innovatio n / Start- up Secured the Award / Recogniti on	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity / event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research	
1	Entrep neurship Develop ment Cell (EDC)	Entrep neurship/ Startup	Awarene ss	AICTE	Govt. Agency (Central)	29-04-20 19 00:00:00	22-05-20 19 00:00:00	24	50	4	54	No	---	---	Total Expense Amount Incurred by Institute? (In Rupees)	25000	No

**List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)**

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centr e/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
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1	Construction management and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Civil Engineering Department	03-02-2020	20-05-2020	108	Online	56	32
2	MANAGEMENT AND ENTREPRENEURSHIP	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Computer Science department	05-08-2019	30-11-2019	118	Offline	196	40
3	MANAGEMENT AND ENTREPRENEURSHIP	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Information Science Engineering	05-08-2019	30-11-2019	118	Offline	51	40
4	Management and Engineering Economics	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Mechanical Engineering	05-08-2019	30-11-2019	118	Offline	103	40
5	Management and Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Electronics Communication Engineering	05-08-2019	30-11-2019	118	Offline	120	40
6	Management and Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	ELECTRICAL AND ELECTRONICS ENGINEERING	05-08-2019	30-11-2019	118	Offline	53	40
7	Entrepreneurship Development	Entrepreneurship/Startup	Elective/Core Credit Course	Master	MBA	18-02-2020	17-06-2020	121	Online	81	56

**LiList the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)**

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course ( Minimum 30 Contact hours)
1	Training on Aptitude and Technical Skills	Entrepreneurship/Startup	Employment Generation Training Programs	Bizotic Training Institute	06-08-2019	11-11-2019	98	Offline	1133	80
2	Cocubes Assesment Test	Entrepreneurship/Startup	Employment Generation Training Programs	CoCubes	05-08-2019	09-08-2019	5	Offline	556	30

**List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)**

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20			
1	Bhagyashree Ambore	Computer Science and Engineering	Assistant professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
2	S.Rajesh Kumar	Computer Science and Engineering	Assistant professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
3	Geetha P	Computer Science and Engineering	Assistant professor	No	Yes			

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
4	Geetha P	Computer Science and Engineering		Assistant professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
5	Geetha P	Computer Science and Engineering		Assistant professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
6	Josephine Prem Kumar	Computer Science and Engineering		Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
7	Prof. Jayanthi M.G	Computer Science and Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
8	Prof.Jayanthi M.G	Computer Science and Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
9	Prof.Jayanthi M.G	Computer Science and Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
10	Dr. D Antony Louis Piriya Kumar	IPR Cell		Dean		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery

**List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus**

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	ASME	Innovation Club	2019	Co-working Space	Innovation Labs	3	Mallikarjuna	mallikarjuna.mech@cambridge.edu.in	7204278526
2	IEEE Student Club	Innovation Club	2019	Co-working Space	Innovation Labs	4	Vishnu P	vishnu.18ec176@cambridge.edu.in	9886386436
3	FOCIS	Idea Club	2014	Co-working Space	Innovation Labs	5	HARSHITHA KALSE	harshitha.17is012@cambridge.edu.in	7899555302

4	Talent club	Idea Club	2008	Co-working Space	Innovation Labs	7	Deepanjali	deepanjali.18ec033@cambridge.edu.in	7892213543
5	Shannon	Idea Club	2008	Co-working Space	Innovation Labs	4	Gurusharan kashetty	gurusharan.18ec043@cambridge.edu.in	9482071916
6	Kritansh	Idea Club	2011	Work Stations	Innovation Labs	16	Shiva Kumar D	shiva.19mca86@cambridge.edu.in	9663683597
7	Software Development Cell	Startup Club	2017	Co-working Space	Innovation Labs	7	Pratibha Priya	pratibha.17mca21@cambridge.edu.in	8660141563
8	Technology Club GUSTO	Idea Club	2018	Work Stations	Innovation Labs	2	Gunjan Bansal	gunjan.17mca10@cambridge.edu.in	8445875201
9	ISR	Idea Club	2017	Co-working Space	Innovation Labs	2	Sayeed Pasha C	Sayeed.18cs155@cambridge.edu.in	7676066338
10	IoT Club	Innovation Club	2020	Co-working Space	Innovation Labs	1	Shreya Thumma	shreya.17cs156@cambridge.edu.in	9611227403
11	Linux Club	Innovation Club	2018	Co-working Space	Innovation Labs	1	Anshika Dixit	anshika.17cs019@cambridge.edu.in	8052760051
12	CSI	Innovation Club	2013	Co-working Space	Innovation Labs	5	Akshay Kumar	akshaykumar.17cs012@cambridge.edu.in	7209598721
13	ISTE	Innovation Club	2010	Co-working Space	Innovation Labs	6	Amrutha A M	amrutha.17cs014@cambridge.edu.in	9886612552

**List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)**

No Data Filled!

**List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)**

No Data Filled!

**List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)**

No Data Filled!

**List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)**

No Data Filled!

**List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20?
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**List the IPR Cell/Technology Transfer Centre Facilities at the HEI**

1	IPR Cell	2020	Student Clubs	Institution funding	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. D Antony Louis Piriya Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dean_rd@cambridge.edu.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98459 25132</td> </tr> </table>	Facility Incharge Name	Dr. D Antony Louis Piriya Kumar	Facility Incharge Email	dean_rd@cambridge.edu.in	Facility Incharge Phone	98459 25132	2	No	No	Yes
Facility Incharge Name	Dr. D Antony Louis Piriya Kumar														
Facility Incharge Email	dean_rd@cambridge.edu.in														
Facility Incharge Phone	98459 25132														
Source of Grant / Fund				Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							

**Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr. D Antony Louis Piriya Kumar	Dean	Idea/Innovation Development, IPR Protection & Commercialization	10
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Fumigator		Within		

**Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups**

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Dr. Zubin Varghese	Idea/Innovation Development, IPR Protection & Commercialization	Unstructured Mentorship

**List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received**

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation /Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation /Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/Startup/SME Unit during the financial period 2019-20	Had Centre/Institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype /Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
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1	Automatic Hand sanitizer dispenser	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Adopted and Implemented at Ground	No	No	Grant Amount in Rs 15 00	No	No
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Name	Type	Gender	Email	Contact
Prof. Jayanthi	Faculty	Female	jayanthi.cse@cambridge.edu.in	9845378123

Name	Type	Gender	Email	Contact
-	Faculty	Male	janardhan.cse@cambridge.edu.in	9980090001
Mr. Yogesh	Student	Male	-	-
Ms.Shreya Tumma	Student	Female	-	-

2	Non Contact Human Temperature Detection System	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Adopted and Implemented at Ground	No	No	Grant Amount in Rs 20 00 0	No	No
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Name	Type	Gender	Email	Contact
Dr. Suresh L	Faculty	Male	director@cambridge.edu.in	9686001199

Name	Type	Gender	Email	Contact
Dr. Varalatchoumy M	Faculty	Female	varalatchoumy.cse@cambridge.edu.in	9740978830
Mr. Pranav Durai	Student	Male	-	-

3	Sanitation Tunnel	Product Innovation	Technological	R & D Lab	Faculty	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Adopted and Implemented at Ground	No	No	Grant Amount in Rs 20 00 00	No	No
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Name	Type	Gender	Email	Contact
Dr. D Antony Louis Piriyakumar	Faculty	Male	dean_rd@cambridge.edu.in	9845925132

Name	Type	Gender	Email	Contact
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Hospital Management System	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	No	No	No	
Name		Type		Gender		Email		Contact					
Dr. Arunadevi M		Faculty		Female		hod.mca@cambridge.edu.in		9538202730					
Name		Type		Gender		Email		Contact					
Prof. Sunil Kumar K N		Faculty		Male		sunil.mca@cambridge.edu.in		9740070977					
Automatic Fumigation using Mobile App	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	10000	No	No	
Name		Type		Gender		Email		Contact					
Dr. Arunadevi M		Faculty		Female		hod.mca@cambridge.edu.in		9538202730					
Name		Type		Gender		Email		Contact					
Prof. Monika M		Faculty		Female		monika.mca@cambridge.edu.in		8072235059					
Smart Trolley with IOT	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	Yes	No	
Name		Type		Gender		Email		Contact					
Dr. Arunadevi M		Faculty		Female		hod.mca@cambridge.edu.in		9538202730					
Name		Type		Gender		Email		Contact					
Prof. Monika M		Faculty		Female		monika.mca@cambridge.edu.in		8072235059					

Automatic sanitizer using sensor	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	Yes	No											
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr. Arunadevi M</td> <td>Faculty</td> <td>Male</td> <td>hod.mca@cambridge.edu.in</td> <td>9538202730</td> </tr> </tbody> </table>													Name	Type	Gender	Email	Contact	Dr. Arunadevi M	Faculty	Male	hod.mca@cambridge.edu.in	9538202730	
Name	Type	Gender	Email	Contact																			
Dr. Arunadevi M	Faculty	Male	hod.mca@cambridge.edu.in	9538202730																			
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Name	Type	Gender	Email	Contact																			
Prof. Monika M	Faculty	Female	-	-																			
Automatic Dustbin using sensor	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	No	No	Yes	No											
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Name	Type	Gender	Email	Contact																			
Prof. Monika M	Faculty	Female	-	-																			
Virtual Meeting	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	No	No	No											
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Name	Type	Gender	Email	Contact																			
Prof. Rashmi D	Faculty	Female	-	-																			

College Management system	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 2 : Technology formulation. Concept and application have been formulated .	TRL 3 : Applied research. First laboratory tests completed ; proof of concept.	Innovation Development Ongoing	No	No	No	No	No	
Name		Type		Gender		Email		Contact					
Dr. Arunadevi M		Faculty		Female		hod.mca@cambridge.edu.in		9538202730					
Name		Type		Gender		Email		Contact		11			
Prof. Diwakar		Faculty		Male		-		-					
Meeting Scheduler	Product Innovation	Technological	Non-Patented Technology	Student-Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	No	No	No	No	
Name		Type		Gender		Email		Contact					
Dr. Arunadevi M		Faculty		Female		hod.mca@cambridge.edu.in		9538202730					
Name		Type		Gender		Email		Contact		12			
Prof. Rashmi D		Faculty		Female		-		-					
Leave Management system	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	No	No	No	No	
Name		Type		Gender		Email		Contact					
Dr. Arunadevi M		Faculty		Female		hod.mca@cambridge.edu.in		9538202730					
Name		Type		Gender		Email		Contact		13			
Prof. Rashmi D		Faculty		Female		-		-					

Procurement Process system	Product Innovation	Technological	Computer Lab with High speed Internet connection	Student-Faculty	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Development Ongoing	No	No	No	No	No	
Name		Type		Gender		Email		Contact					
Dr. Arunadevi M		Faculty		Female		hod.mca@cambridge.edu.in		9538202730					

**List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI**

**No Data Filled!**

**List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI**

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	SCII	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1 project	01-07-2019
2	Samsung	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2 project	01-07-2019
3	Rakya	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1 project	01-08-2019
4	Elvero Telecom	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2 project	03-01-2020
5	NexoIT	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	1 project	03-02-2020
6	Gowri Software Solutions	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation,Mentoring,Networking	60	15-10-2019
7	TCPL	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation,Mentoring,Networking	8	09-09-2019
8	SG Software Testing Institute	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation,Mentoring,Networking	60	15-10-2019
9	Sharpmind Infotrian	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation,Mentoring,Networking	88	10-10-2019
10	Blockchain	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation,Mentoring,Networking	60	21-12-2019
11	Hellosign	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation,Mentoring,Networking	60	20-12-2019

**List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner**

**No Data Filled!**

**List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner**

**No Data Filled!**

**List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI**

**No Data Filled!**

**List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner**

**No Data Filled!**

## Declaration

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

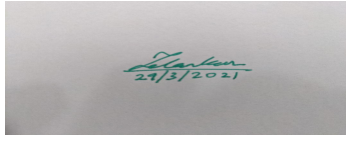
### Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. YOGESH VELANKAR (Head of Institute) and Dr. D. Antony Louis Piriya Kumar (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

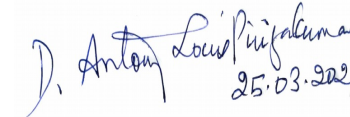
The Head of Institute



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Dr. YOGESH VELANKAR  
Head of the Institution,  
Bengaluru, Karnataka

Nodal officer



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Dr. D. Antony Louis Piriya Kumar  
Nodal Officer,  
Bengaluru, Karnataka