



Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: MKSSS's Cummins College of Engineering for Women [ARI-C-18376]

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

Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/rec eived fund to organize the program/acti vity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Pradhan Mantri YUVA Yojana training program	Entrepreneur ship/Startup	Entrepreneur ship training (WF-100)	Institute Lead Activity	Cummins College of Engineering for Women, Nagpur	16-07-2018 00:00:00	15-10-2018 00:00:00	92	Within Campus	86	2	0	0	88	Yes	103333
One Dollar Venture competition	Entrepreneur ship/Startup	Entrepreneur ship skill development	Institute Lead Activity	Cummins College of Engineering for Women, Nagpur	29-08-2018 00:00:00	31-08-2018 00:00:00	3	Within Campus	50	0	0	0	50	No	-
Ideation Workshop	Entrepreneur ship/Startup	Entrepreneur ship skill development	Student Lead Activity	Cummins College of Engineering for Women, Nagpur	21-07-2018 00:00:00	21-07-2018 00:00:00	1	Within Campus	72	0	0	0	72	No	
Dare to start up	Entrepreneur ship/Startup	Interaction with young entrepreneur s	Student Lead Activity	Cummins College of Engineering for Women, Nagpur	30-06-2018 00:00:00	30-06-2018 00:00:00	1	Within Campus	250	30	0	0	280	No	
Session on Intellectual Property Rights	IPR	innovation	Institute Lead Activity	Cummins college of engineering for women, Nagpur	10-08-2018 00:00:00	10-08-2018 00:00:00	1	Within Campus	85	0	0	0	85	Yes	17000

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute external institutions or agencies at national or international level

Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Rec ognitions/Ac hievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/rec eived fund towards sending delegation to	Total Expense Amount Incurred by Institute? (In Rupees)
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Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute external institutions or agencies at national or international level

	J													participate/re present the program/acti vity/event?	
STTP on opensource technology	Innovation	STTP	Rajiv gandhi college of engineering	Educational Institute	22-10-2018 00:00:00	27-10-2018 00:00:00	6	0	1	1	No			Yes	1000
Workshop on AI and deep learning	Innovation	workshop	G H Raisoni college of Engineering	Educational Institute	08-09-2018 00:00:00	10-09-2018 00:00:00	3	0	2	2	No	ł	1	No	
Agile way of working and design thinking	Innovation	workshop	TCS nagpur	Corporate / Industry Association	20-05-2019 00:00:00	25-05-2019 00:00:00	6	0	1	1	No	ł	-	No	
Emerging trend in NLP	Innovation	workshop	RCOEM Nagpur	Educational Institute	07-05-2018 00:00:00	07-05-2018 00:00:00	1	0	1	1	No			Yes	2000
Assembly and Dis- assembly of Engine	Innovation	WORKSHO P	CUMMINS INDIA LTD	Corporate / Industry Association	22-04-2018 00:00:00	28-04-2018 00:00:00	7	0	4	4	No	-		No	
Industry based Project under Program Pragati	Innovation	Exposure visit	Akar Industries	Corporate / Industry Association	01-01-2019 00:00:00	17-06-2019 00:00:00	16	5	1	6	No	1	-	No	

Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

No Data Flled!

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge	Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?
Advanced software lab	Centre of Excellence with Advance Tools & Equipment	2019	Cummins College of Engineeing for women Nagpur	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Email Facility Incharge Phone Suruchi.ki tey@cum minscolle ge.edu.in 98810854 67	68.4 Sq. Ft.	No	No

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Lab View Lab	Centre of Excellence with Advance Tools & Equipment	2019	Cummins College of Engineering for Women Nagpur	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Jaya Gadge jaya.raut @cummi nscollege edu.in 97651846 37	68.4 Sq. Ft.	No	No
AUTOMOBILE LAB	Centre of Excellence with Advance Tools & Equipment	2019	CUMMINS COLLEGE OF ENGINEERING FOR WOMEN NAGPUR	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone YOGESH DANDEK AR yogesh.d andekar @cummi nscollege .edu.in 98230167 00	70 Sq. Ft.	No	No
CAD LAB	Centre of Excellence with Advance Tools & Equipment	2017	CUMMINS COLLEGE OF ENGINEERING FOR WOMEN	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Email Facility Incharge Phone SUSHIL LANJEW AR sushil.lanj ewar@cu mminscoll ege.edu.i n 97667735 25	66.05 Sq. Ft.	No	No
CAE LAB	Centre of Excellence with Advance Tools & Equipment	2018	Cummins College of Engineering for Women Nagpur	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone SUSHIL LANJEW AR sushil.lanj ewar@cu mminscoll ege.edu.i n 97667735 25	68.4 Sq. Ft.	No	No

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Microprocessor and Microcontroller lab	Centre of Excellence with Advance Tools & Equipment	2016	Cummins College of Engineering for Women, Nagpur		Abhishek Baseshan kar abhishek. baseshan kar@cum minscolle ge.edu.in 90490024	70 Sq. Ft.	No	No
DSP Lab	Centre of Excellence with Advance Tools & Equipment	2013	Cummins college of Engineering for Women, Nagpur	Facility Incharge Name Facility Incharge Email Facility Incharge Phone	Jaya Gadge jaya.raut @cummi nscollege .edu.in 97651846 37	70 Sq. Ft.	No	No

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

Name of Centre	Source of Grant / Fund	Agency Name	Agency Type	Had Received Grants / Funds by Pre- Incubation & Incubation Centre / Facilities exists in Campus?	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Advanced software lab	Funding Agency	Cummins India Ltd.	Corporate / Industry Association	Yes	1178000
Lab View Lab	Funding Agency	Cummins India Ltd.	Corporate / Industry Association	Yes	950000
AUTOMOBILE LAB	Funding Agency	TATA MOTORS	Corporate / Industry Association	Yes	68815
CAD LAB	Funding Agency	CUMMINS INDIA LTD	Corporate / Industry Association	Yes	250000
CAE LAB	Funding Agency	Cummins India Ltd	Corporate / Industry Association	Yes	472000
Microprocessor and Microcontroller lab	Institute's Own Fund / Resource			No	
DSP Lab	Institute's Own Fund / Resource			No	

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Centre/institute received any income/revenue Had Centre/institute provided any Financial support Had the Idea/Prototype/Inno vations raised any

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovati Project Starte	on / Type of Innov	ation	Current Status Pre- Incubation/Incubati on Support Received	Current S Innovation of TRL react	n, Stage it has	(either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Seed Investigation of the during reconstruction of the incubation of the n or in the fin	of fund/Angel of fund/Angel estment/VC the period of eiving pretion/incubatio opert at your Pretion/incubatio estitute during nancial period 2018-19	income/revenue from Idea/Prototype/Inno vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Smart Mirror using Raspberry pi	Advanced software lab	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2018	Non-IP / Non- Patented Technology		Completed but No Further Action Taken	TRL 2 : Ter formulation Concept ar application been formu	n. nd have	No	No		No
	Principal Inn	ovator											
		Name		1	Гуре		Gender			Email		Co	ontact
	Shailesh Sahu			Faculty		Male			shailesh.s .in	ahu@cumminscollege.e	du 96	673339968	
	Automated canteen ordering system using android	Advanced software lab	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2018		Non-IP / Non- Patented Technology	Completed Further Act Taken	l but No tion	TRL 2 : Technology formulation. Concept and application have been formulated.	No		No
No		Principal Inn	ovator		•						•		
			Name		Туре		Ge	ender		Email			Contact
		Sharayu Deote			Faculty		Female			narayu.deote@cummins du.in	college	9657651030	
Android application for Cab services within an organization		Advanced software lab	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2018		Non-IP / Non- Patented Technology	Completed Further Act Taken		TRL 2 : Technology formulation. Concept and application have been formulated.	No		No
	No	Principal Inn	ovator										
			Name		Туре		Ge	ender		Email			Contact
		sharayu deote			Faculty		Female			narayu.deote@cumminsedu.in	college	9657651030	
	Train accident prevention system	Advanced software lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Student	2019		Non-IP / Non- Patented Technology	Still Under Developme Process		TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	No		No

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities Had the Incubation Had Centre/institute Had the Centre/institute Idea/Prototype/Inno provided any received any Financial support vations raised any income/revenue Seed fund/Angel Investment/VC (either own from resource or fund Idea/Prototype/Inno vations for the pre-Name of Idea / POC / Current Status Pre-**Current Status of** received from during the period of Innovation / Prototype Received Funding / Grant Stage of Innovation (TRL Stage) Year of Innovation / Project Started Innovation, Stage of TRL it has receiving pre-incubation/incubatio Innovation Incubation/Incubati agencies) in terms Name of Centre Type of Innovation incubation/incubatio Developed by on Support Received of Seed Grant/Fund n support and the services offered by from Centre reached Support to Idea / n support at your Prototype / Pre-incubation/incubatio Pre-incubation/incubatio Innovations n or institute during Development n or institute during the financial period the financial period 2018-19 during the financial period 2018-19 2018-19? No **Principal Innovator** Name Туре Gender Email Contact Faculty Female 9657651030 Sharayu Deote sharayu.deote@cumminscollege .edu.in TRL 1 : Basic Student 2019 Non-IP / Non-Still Under No No Small public distribution Advanced software TRL 1 : Basic system research. Principles Patented Development research. Principles postulated and Technology Process postulated and observed but no observed but no experimental proof experimental proof available. available. No **Principal Innovator** Name Туре Gender Email Contact Male Shailesh Sahu Faculty shailesh.sahu@cumminscollege. 9673339968 edu.in 2019 IOT based traffic Advanced software TRL 1: Basic Student Non-IP / Non-Still Under TRL 1 : Basic No No research. Principles Development research. Principles light configure Patented monitoring system postulated and Technology Process postulated and observed but no observed but no experimental proof experimental proof available. available. No **Principal Innovator**

Туре

Faculty

Gender

Female

Email

abhilasha.borkar@cumminscolle

ge.edu.in

Contact

8983284938

Name

Abhilasha Borkar

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

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovati Project Starte	on / d Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status or Innovation, Stage of TRL it has reached		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	rad the incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Fabrication of Cotton Wick Making Machine		AUTOMOBILE LAB	TRL 7 : Demonstration system operating in operational environment at pre- commercial scale.	Faculty and Student	2018	Non-IP / Non- Patented Technology	Completed but No Further Action Taken	TRL 9 : Full commercial application, technology available for consumers.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No
	No	Principal Inn	ovator							
			Name		Туре	Ge	ender	Email		Contact
		SUSHIL LANJEWA	R	F	Faculty	Male		sushil.lanjewar@cumminsee.edu.in	colleg 9766773525	
	Design and Development of Briquette Making Machine	CAD LAB	TRL 7: Demonstration system operating in operational environment at pre- commercial scale.	Faculty and Student	2018	Non-IP / Non- Patented Technology	Completed but No Further Action Taken	TRL 9 : Full commercial application, technology available for consumers.	Yes Total Seed Grant/Fund Amount	No

	SUSHIL LANJEWAI	R		Facult	ty		Male			shil.lanjewar@cumminso edu.in	colleg	9766773525	
Design and Development of Briquette Making Machine	CAD LAB	TRL 7: Demonstration system operating in operational environment at pre- commercial scale.	Faculty and Student		2018	Pate	-IP / Non- inted innology	Completed but N Further Action Taken	0	TRL 9 : Full commercial application, technology available for consumers.	Gr Dis Idea nr Deve	otal Seed ant/Fund Amount bursed to above 'Prototype/I lovations elopment by entre (In Rupees)	No

No

Principal Innovator				
Name	Туре	Gender	Email	Contact
SHAILESH KHEKALE	Faculty	Male	shailesh.khekale@cumminscolle ge.edu.in	9850688110

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

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Design and Development of Small Size Home composting Machine		CAD LAB	TRL 7 : Demonstration system operating in operational environment at pre- commercial scale.	Faculty and Student	2018	Non-IP / Non- Patented Technology	Completed but No Further Action Taken	TRL 9 : Full commercial application, technology available for consumers.	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No
	No	Principal Inno	ovator							
			Manage		Turne	0-		E		
1			Name		Туре	Ge	nder	Email		Contact
		PRASANNA MAHAI		Facu		Male		Email orasanna.mahankar@cum ollege.edu.in		
	Development of Round Bottle Lebelling Machine	PRASANNA MAHAI		Faculty and Student				orasanna.mahankar@cum		
No	Round Bottle		TRL 7: Demonstration system operating in operational environment at pre- commercial scale.	Faculty and	lty	Male Non-IP / Non- Patented	Completed but No Further Action	orasanna.mahankar@cum ollege.edu.in TRL 9 : Full commercial application, technology available for	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	
No	Round Bottle	AUTOMOBILE LAB	TRL 7: Demonstration system operating in operational environment at pre- commercial scale.	Faculty and	lty	Non-IP / Non- Patented Technology	Completed but No Further Action	orasanna.mahankar@cum ollege.edu.in TRL 9 : Full commercial application, technology available for	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees) 2400	

Idea / Prototype / In	novation have r	eceived Grant /	tunaing from F	re-incubation	/ Incubation Cer	ille / Facililles				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation Project Started	[/] Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stag of TRL it has reached		Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Chironji Nut Decorticator machine.		AUTOMOBILE LAB	TRL 7: Demonstration system operating in operational environment at pre- commercial scale.	Faculty	2018	Non-IP / Non- Patented Technology	Still Under Development Process	TRL 4: Small scale prototype built in a laboratory environment ("ugly" prototype).	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No
	No	Principal Inn	ovator							
			Name		Туре	Ge	nder	Email		Contact
		YOGESH DANDEK	AR	Fac	culty	Male		yogesh.dandekar@cummi ege.edu.in	9823016700	
	Design and	Microprocessor and	TRL 4 : Small scale	Faculty and	2018	Non-IP / Non-	Still Under	TRL 4 : Small scale	No	No
	implementation of ASIC form general purpose LED matrix display	Microcontroller lab	prototype built in a laboratory environment ("ugly" prototype).	Student		Patented Technology	Development Process	prototype built in a laboratory environment ("ugly" prototype).	No	NO
No	ASIC form general purpose LED matrix	Microcontroller lab	laboratory environment ("ugly" prototype).	Student		Patented	Development	prototype built in a laboratory environment ("ugly"		
No	ASIC form general purpose LED matrix	Principal Inn	laboratory environment ("ugly" prototype).	Student	Туре	Patented Technology	Development	prototype built in a laboratory environment ("ugly"		Contact
No	ASIC form general purpose LED matrix	Microcontroller lab	laboratory environment ("ugly" prototype).		Type	Patented Technology	Development Process	prototype built in a laboratory environment ("ugly" prototype).		Contact
No Co-Innovator	ASIC form general purpose LED matrix	Principal Inn	laboratory environment ("ugly" prototype).			Patented Technology	Development Process	prototype built in a laboratory environment ("ugly" prototype). Email shraddhadawane1998@gi		Contact Raspberry pi based text reader for blind
	ASIC form general purpose LED matrix	Principal Inn	laboratory environment ("ugly" prototype).			Patented Technology	Development Process	prototype built in a laboratory environment ("ugly" prototype). Email shraddhadawane1998@grm		Contact
	ASIC form general purpose LED matrix display	Principal Inn	laboratory environment ("ugly" prototype). Ovator Name Type		dent	Patented Technology Ge Female	Development Process	prototype built in a laboratory environment ("ugly" prototype). Email shraddhadawane1998@gi m	mail.co 9657371964	Contact Raspberry pi based text reader for blind

dea / Prototype / In	novation have r	eceived Gran	nt / funding from F	Pre-Incub	oation /	Incubation Cen	tre / F	acilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	on Innovation Developed by	Year of Ini Project	novation / Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati Support eceived	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the preincubation/incubation support and the services offered by Preincubation/incubation or institute during the financial period 2018-19?
Principal Innovate	or											
	Name		Туре			Gender			Email	Co	ntact	
Jayashree Dadmal		;	Student		Female			jayashri.dadm u.in	al@cumminscollege.ed	9561690610		
Co-Innovator												Study of OFDM system using
	Name		Туре			Gender			Email	Co	ntact	MATLAB simuling and implementation using DSP
Jaya Raut		1	Faculty		Female			jaya.raut@cur	nminscollege.edu.in	9765184637		processor TMS 320C6713
DSP Lab	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2018	Non-IP / N Patented Technolog		Still Under Development Process	formula Concep applica		Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Co	ntact	
Gauri Gourshettiwar		;	Student		Female			gauri.gourshe edu.in	ttiwar@cumminscollege.	8390814354		
Co-Innovator												Detection of buried objects using ground penetrating RADAR technique
	Name		Туре			Gender			Email	Co	ntact	RADAR technique
Sandhya Waghmare			Faculty		Female			sandhva wadh	nmare@cumminscollege	9834420610		

dea / Prototype / Ir	nnovation have r	eceived Grar	nt / funding from I	Pre-Incuba	ation /	Incubation Cer	tre / F	acilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	on Innovation Developed by	Year of Inno Project Sta	vation / arted	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre- incubation/incubatio n support at your Pre- incubation/incubatio n or institute during the financial period 2018-19	Had the Incub Centre/instit received at income/rever from Idea/Prototype vations for the incubation/incu n support and services offere Pre- incubation/incu n or institute d the financial p 2018-19?
SP Lab	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Student	2018	Non-IP / Non Patented Technology	1-	Still Under Development Process	resear postula observ	: Basic ch. Principles ated and ved but no mental proof ble.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovate	or	1		1								
	Name		Туре			Gender			Email	Co	ntact	
Nikita Nikumb		5	Student	I	Female			nikita.nikumb	@cumminscollege.edu.i	n 7279651574		
Co-Innovator												Smart Inhaler, A
	Name		Туре			Gender			Email	Со	ntact	
Dr. B. P. Joshi		F	aculty	ı	Male			principal@cur	mminscollege.edu.in	9423055160		
dicroprocessor and dicrocontroller lab	TRL 7: Demonstration system operating in operational environment at pre- commercial scale.	Student	2018	Non-IP / Non Patented Technology	ì-	Completed and Ready for Commercialization/I ncubati	systen operat enviro	nstration n operating in	No	No	No	
Principal Innovate	or											
	Name		Туре			Gender			Email	Co	ntact	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatior (TRL Stage)	Innovation Developed by	Year of Inr Project \$	novation / Started	Type of Innovation	Current Status Pre- Incubation/Incubati on Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubatio Centre/institute received any income/revenue from Idea/Prototype/Inn vations for the pre incubation/incubat n support and the services offered b Pre- incubation/incubat n or institute durin the financial perio 2018-19?
Co-Innovator											Smart energy monitoring system
	Name		Туре			Gender		Email	Со	ntact	
Abhishek Baseshankar		Fa	iculty		Male		abhishek.ba ge.edu.in	seshankar@cumminscolle	9049002460		
Microprocessor and Microcontroller lab	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2018	Non-IP / N Patented Technolog		Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or										
	Name		Туре			Gender		Email	Co	ntact	
Mansi Baiswar		St	udent		Female		mansi.baisw n	ar@cumminscollege.edu.	i 7588943763		
Co-Innovator											In lined product weight monitoring system
	Name		Туре			Gender		Email	Co	ntact	oyolo
Abhishek Baseshankar		Fa	culty		Male		abhishek.ba ge.edu.in	seshankar@cumminscolle	9049002460		

ldea / Prototype / II	nnovation have r	received Grant	tunding from P	I C-III CUL	Julion /	incubation oci		40				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Inr Project s	novation / Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Microprocessor and Microcontroller lab	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Student	2018	Non-IP / N Patented Technolog		Still Under Development Process	prototy	nment ("ugly"	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovat												
•	or											
Poorva Hedau	O r Name	Stu	Type		Female	Gender		poorva.hedau n	Email @cumminscollege.edu.		ntact	
Poorva Hedau Co-Innovator		Stu			Female	Gender					ntact	Wastage analysis
		Stu			Female	Gender Gender				i 9420252496	ntact	Wastage analysis
	Name		dent		Female Male			'n	@cumminscollege.edu.	9420252496 Co		Wastage analysis

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovation (TRL Stage)	Innovation Developed by	Year of Innovation / Project Started	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation n support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incuba Centre/institu received an income/reven from Idea/Prototype/ vations for the incubation/incul n support and services offere Pre-incubation/incul n or institute du the financial pe 2018-19?
Principal Innovat	or										
	Name		Туре		Gender			Email	Co	ntact	
Radhika Deshmukh		Stu	dent	Female			radhika.deshn edu.in	nukh@cumminscollege.	7057397339		
Co-Innovator											Dial a dabba
	Name		Туре		Gender			Email	Co	ntact	
Ajay Tinguria		Fac	culty	Male			ajay.tinguria@	cumminscollege.edu.in	9823115230		
Advanced software lab	TRL 6 : Prototype system tested in intended environment close to expected performance.	Student	2018	Non-IP / Non- Patented Technology	Completed and Ready for Commercialization/I ncubati	system intende	nment close ected	No	No	No	
Principal Innovat	or										
	Name		Туре		Gender			Email	Co	ntact	
Maithili Warkhedkar		Stu	dent	Female			maithili.warkhe edu.in	edkar@cumminscollege.	8275101045		
Co-Innovator											Wireless powe transmission
	Name		Туре		Gender			Email	Co	ntact	
Mrunal Kakirwar		Stu	dent	Female			mrunal.kakirw u.in	ar@cumminscollege.ed	9637996865		
Prachi Nagpure		0.	dent	Female				e@cumminscollege.edu.	9766173129		

	nnovation have i	eceived Gran	t / funding from	Pre-Incuba	tion /	Incubation Cer	ntre / F	acilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	on Innovation Developed by	Year of Innov Project Sta	vation / arted	Type of Innovation	Incuba	nt Status Pre- ation/Incubati n Support leceived	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Inci Centre/ins received income/rec from Idea/Prototy vations for ti incubation/in n support a services offe Pre- incubation/in n or institute the financial 2018-1
croprocessor and crocontroller lab	TRL 2 : Technology formulation. Concept and application have been formulated.	Student	2018	Non-IP / Non- Patented Technology	-	Still Under Development Process	formula Conce applica		Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innova	tor				<u>'</u>		1					
•	Name		Туре			Gender			Email	Co	ntact	
Himani Padole		5	Student	F	Female			himani.padole n	e@cumminscollege.edu	i 9130592779		
Co-Innovator				·								loT based ve
50-IIIIIOVator	Name		Туре			Gender			Email	Co	ntact	udolung
Hemlata Paunikar		S	Student	F	Female			hemlata.paun du.in	ikar@cumminscollege.e	-		
licroprocessor and licrocontroller lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Student	2018	Non-IP / Non- Patented Technology	-	Dropped and No Further Action Taken		ven concept, ting has been	No	No	No	
Dain aireal Irra arras	tor											
Principal Innovati												
Principal innova	Name		Туре			Gender			Email	Co	ntact	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovati (TRL Stage)	ion Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incub 0	ent Status Pre- pation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation n support at your Pre-incubation/incubation or institute during the financial period 2018-19	Had the Incubatic Centre/institute received any income/revenue from Idea/Prototype/In vations for the princubation/incubation/incubation/incubation/incubation/incubation/incubation/incubation/incubation/institute durithe financial perincubation?
Co-Innovator												Digital petrol me
	Name		Туре			Gender			Email	Co	ntact	
Karishma Bawankar			Student		Female			karishma.baw .edu.in	ankar@cumminscollege	7768841821		
Microprocessor and Microcontroller lab	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Student	2018	Non-IP / N Patented Technolog		Still Under Development Process	resea postu obser	: Basic rch. Principles lated and ved but no imental proof ble.	Yes Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovato	or											
	Name		Туре			Gender			Email	Со	ntact	
Mohini Kolhe			Student		Female			mohini.kolhe@	©cumminscollege.edu.in	8390760087		
Co-Innovator												Energy monitor system to calcu consumption of
	Name		Туре			Gender			Email	Со	ntact	electricity per device
Ashwini Pendam			Student		Female			ashwini.penda u.in	am@cumminscollege.ed	7767050448		

Idea / Prototype / In	novation have rece	eived Grant /	runung nom F	re-incuba	auon /	IIICubation Cen	itre / ra	icilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre Sta	tage of Innovation (TRL Stage)	Innovation Developed by	Year of Inno Project Si	ovation / tarted	Type of Innovation	Incubation	Status Pre- on/Incubati Support ceived	Current Status of Innovation, Stage of TRL it has reached	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 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Advanced software lab	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	udent	2018	Non-IP / Not Patented Technology		Completed but No Further Action Taken	prototype laborator	nent ("ugly"	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/I nnovations Development by Centre (In Rupees)	No	No	
Principal Innovate	or											
Kalyani Deshpande	Name	Stud	Type			Gender			Email	Cor	ntact	
					Female			kalyani.deshpa edu.in	ande@cumminscollege.	9657651030		
Co-Innovator					Female				ande@cumminscollege.	9657651030		Power from photosynthesis
Co-Innovator	Name		Туре		Female	Gender			ande@cumminscollege.		ntact	
Co-Innovator Snehal Mundhada	Name	Stud	Туре		Female	Gender	e	edú.in		Cor	ntact	

Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovat (TRL Stage)	ion Innovation Developed by	Year of In Project	novation / Started	Type of Innovation	Incub	ent Status Pre- pation/Incubati in Support Received	Current Status of Innovation, Stage	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 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubation support at your Preincubation/incubation or institute during the financial period 2018-19	Had the Incubatio Centre/institute received any income/revenue from Idea/Prototype/Inr vations for the pre incubation/incubat n support and the services offered b Pre- incubation/incubat n or institute durin the financial perio 2018-19?
Principal Innovat	or											
	Name		Туре			Gender			Email	Со	ntact	
Bhuwana Kumbhare			Student		Female			bhuwana.kum .edu.in	bhare@cumminscollege	9850913200		
Co-Innovator												Chase your city mobile app
	Name		Туре			Gender			Email	Co	ntact	
Aarti Nagpure			Student		Female			aarti.nagpure	@cumminscollege.edu.in	8237893107		
Manasi Palshikar			Student		Female			manasi.palshi u.in	kar@cumminscollege.ed	7057609516		
Advanced software lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Student	2018	Non-IP / N Patented Technolog		Dropped and No Further Action Taken	Unpro): Idea. oven concept, sting has been rmed.	No	No	No	
Principal Innovat	or											
	Name		Туре			Gender			Email	Со	ntact	
Riya Shende			Student		Female			riya.shende@	cumminscollege.edu.in	8788311433		
Co-Innovator												Artificial Intellige solution for farm
	Name		Туре			Gender			Email	Co	ntact	
Swarnima Kahate			Student		Female			swarnima.kah du.in	ate@cumminscollege.e	9172435633		
Advanced software lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Student	2018	Non-IP / N Patented Technolog		Dropped and No Further Action Taken	Unpro): Idea. oven concept, sting has been	No	No	No	

ldea / Prototype / Ir	novation have	received Gra	ant / fun	ding from P	re-Incuk	oation /	Incubation Cer	tre / F	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage	ation) [Innovation Developed by	Year of Int Project	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubatio n support at your Pre-incubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Innt vations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Principal Innovate	or												
	Name			Туре			Gender			Email	Co	ontact	
Ritu Kotalwar			Student			Female			ritu.kotalwar@	cumminscollege.edu.in	9156564424		
Co-Innovator													Smart Farm Diary
oo miiovatoi	Name			Туре			Gender			Email	Co	ontact	
Shifani Shaikh			Student	,		Female			shifani.shaikh n	@cumminscollege.edu.i			
Advanced software lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Student	201	8	Non-IP / N Patented Technolog		Dropped and No Further Action Taken	Unpro	: Idea. even concept, ting has been med.	No	No	No	
Principal Innovate	or												
	Name			Туре			Gender			Email	Co	ontact	
Anushakti Bag			Student			Female			anushkti.bag@	@cumminscollege.edu.ir	9823067038		
Co-Innovator													Finger print and QR code based ATM
	Name			Туре			Gender			Email	Co	ontact	
Vanita Amdapure			Student			Female			vanita.amdap u.in	ure@cumminscollege.e	d 9730469829		
Advanced software lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Student	201	8	Non-IP / N Patented Technolog		Dropped and No Further Action Taken	Unpro	: Idea. ven concept, ting has been med.	No	No	No	
Principal Innovate	or												
	Name			Туре			Gender			Email	Co	ontact	
Maliha Sayyad			Student			Female			malihasayyad	l3198@gmail.com	7083568979		

dea / Prototype / Ir	novation have i	received Gra	ant / funding from	Pre-Incul	bation /	Incubation Cer	tre /	Facilities				
Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innova (TRL Stage	ation Innovation b) Developed by	Year of In Project	novation / Started	Type of Innovation	Incub o	ent Status Pre- pation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
Co-Innovator												Solar assisted air purifier by using non-thermal plasma
	Name		Туре			Gender			Email	Co	ontact	technique
Shreya Dubey			Student		Female			shreya.dubey n	@cumminscollege.edu.i	7038496575		
AUTOMOBILE LAB	TRL 0 : Idea. Unproven concept, no testing has been performed.	Student	2018	Non-IP / N Patented Technolog		Dropped and No Further Action Taken	Unpro) : Idea. oven concept, sting has been med.	No	No	No	
Principal Innovat	or											
	Name		Туре			Gender			Email	Co	ontact	
Shivani Shrikhandkar			Student		Female			shivani.shrikh e.edu.in	andkar@cumminscolleg	8793755345		
Co-Innovator												Falling railway passengers
	Name		Туре			Gender			Email	Co	ontact	sensing device
Ruchika Khangar			Student		Female			ruchika.khang u.in	gar@cumminscollege.ed	7620177728		
Microprocessor and Microcontroller lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Student	2018	Non-IP / N Patented Technolog		Dropped and No Further Action Taken	Unpro) : Idea. oven concept, sting has been rmed.	No	No	No	
Principal Innovat	or											
	Name		Туре			Gender			Email	Co	ontact	
Bhagyashri Gaikwad			Student		Female			bhagyashri.ga .edu.in	aikwad@cumminscollege	9064407166		
Co-Innovator												Low cost and smart cooling system for
	Name		Туре			Gender			Email	Co	ontact	tractor cabin
Gayatri Supatkar			Student		Female			gayatri.supatl	kar@cumminscollege.ed	9960826121		

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

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Name of Idea / POC / Innovation / Prototype Received Funding / Grant from Centre	Name of Centre	Stage of Innovatio (TRL Stage)	n Innovation Developed by	Year of Inn Project \$	novation / Started	Type of Innovation	Incub	nt Status Pre- ation/Incubati n Support Received	Current Status of Innovation, Stage of TRL it has reached	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2018-19	Had the Idea/Prototype/Inno vations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/incubatio n support at your Preincubation/incubatio n or institute during the financial period 2018-19	Had the Incubation Centre/institute received any income/revenue from Idea/Prototype/Inno vations for the pre- incubation/incubatio n support and the services offered by Pre- incubation/incubatio n or institute during the financial period 2018-19?
AUTOMOBILE LAB	TRL 0 : Idea. Unproven concept, no testing has been performed.	Student	2018	Non-IP / No Patented Technology		Dropped and No Further Action Taken	Unpro	: Idea. ven concept, ting has been med.	No	No	No	
Principal Innovate	or											
	Name Type		Gender			Email		Contact				
Kalyani Bhake		S	tudent		Female			kalyani.bhake n	@cumminscollege.edu.i	8669655264		
Co-Innovator												Cotton Plucking glove
	Name		Туре			Gender			Email	Co	ontact	
Vaidehi Lule	Student			Female			vaidehi.lule@cumminscollege.edu.in		9119440334			
CAD LAB	TRL 0 : Idea. Unproven concept, no testing has been performed.	Student	2018	Non-IP / No Patented Technology		Dropped and No Further Action Taken	Unpro	: Idea. ven concept, ting has been med.	No	No	No	
Principal Innovate	or											
	Name		Туре			Gender			Email	Co	ontact	
	ivallie		туре			35.145.						

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

No Data Filed!

Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Received from Other Institute/Incubator	RAMAN SCIENCE CENTER	Mentoring	8	31-08-2018
Incubation Services/Support Extended to Other Institute	IndNX 4 Smart Industry Hackthon	Pre-incubation	4	30-07-2018

Technology (Commercialization /	Transfer
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No Data Flled!

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