



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Maharshi Karve Stree Shikshan Samstha's Cummins College of Engineering for Women [ARI-C-42242]

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

Srno	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)
1	Instrumentation and Control Engineering	Academic Department with lab facility	Instrumentation Engineering	UG / PG / PhD	Technical	254	15	6
2	Information Technology	Academic Department with lab facility	Information technology	UG / PG / PhD	Technical	302	20	5
3	Mechanical Engineering	Academic Department with lab facility	Mechanical engineering	UG / PG / PhD	Technical	306	22	5
4	R and D Office	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Multidisciplinary	At all level	Technical	200	2	1
5	Training and Placement Cell	Industry Institute Interface Unit	Multidisciplinary	At all level	Technical	1275	6	2
6	Electronics and Telecommunication Engineering	Academic Department with lab facility	Signal processing and Embedded Systems	UG / PG / PhD	Technical	838	47	9
7	Computer Engineering	Academic Department with lab facility	Computer Engineering	UG / PG / PhD	Technical	679	44	8
8	Basic Sciences and Humanities Department	Academic Department with lab facility	Basic Science and Engineering along with Humanity Courses	UG / PG / PhD	Technical	540	28	5
9	Industry Institute Interface Cell	Industry Institute Interface Unit	A	UG / PG / PhD	Technical	636	6	1
10	CeRIE - Center of Excellence for Research, Innovation and Entrepreneurship	Centre of Excellence with Advance Tools & Equipment	Multidisciplinary	UG / PG / PhD	Technical	12	1	1
11	DST PRAYAS SHALA	Pre-incubation unit	Multidisciplinary	UG / PG / PhD	Technical	4	5	2

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

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

Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC202015343
Trained Innovation Ambassadors at HEI	NO	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	No	Not Required

Section 1 > i : 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?		
																Award / Position / Recognition Secured	Best Startup and Entrepreneurship Plan Awards (3-awards)	
1	Selection competition for 'SPPU cluster level Business Idea competition	Entrepreneurship/Startup, Innovation	B-Plan Competitions	Institute Lead Activity	Startup and Innovation Cell	17-09-2019 00:00:00	17-09-2019 00:00:00	1	Within Campus	54	0	0	0	54	10000	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	Award / Position / Recognition Secured	Best Startup and Entrepreneurship Plan Awards (3-awards)
2	IPR Awareness program	IPR, Entrepreneurship/Startup	Awareness	Institute Lead Activity	R and D Office, IPR Cell	01-10-2019 00:00:00	01-10-2019 00:00:00	1	Within Campus	115	17	0	8	140	No	No	Title of Innovation / Start-up Secured the Award / Recognition	Best Startup and Entrepreneurship Plan Awards (Top 3-Awards)
3	Hardware Hackathon (Innovation 2K20)	Innovation	Innovation Contest	Student Lead Activity	Instrumentation and Control Department	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	85	0	16	0	101	28013	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	Award/Recognition/Achievement Received for	Top 3 teams of Hardware Hackathon winners
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

4	Innovative Business Plan Competition	Entrepreneurship/Startup, Innovation	B-Plan Competitions	Student Lead Activity	E-cell	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	6	0	23	0	29	No	No									
5	Solution Room	Innovation	Innovation Contest	Student Lead Activity	SWE Chapter (Society of Women Engineers)	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	96	0	9	0	105	No	No									
6	Campusrenew	Entrepreneurship/Startup	Ideation	Student Lead Activity	E-cell	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	8	2	0	0	10	No	No									
7	E leader workshop	Entrepreneurship/Startup	Workshop	Student Lead Activity	E-cell	20-12-2019 00:00:00	20-12-2019 00:00:00	1	Within Campus	8	0	31	0	39	No	No									
8	Dream Stimulate and Inspire (DSI) Session 1	Entrepreneurship/Startup	Motivational speak	Student Lead Activity	E-cell	02-03-2020 00:00:00	02-03-2020 00:00:00	1	Within Campus	168	0	0	0	168	No	No									
9	Sci-Po	Innovation	Innovation Contest	Student Lead Activity	Basic Sciences and Humanities	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	68	0	14	0	82	<table border="1"> <tr> <td rowspan="3">Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>8011</td> <td>Award / Position / Recognition Secured</td> <td>Top 3 Best Innovative Ideas Awarded</td> </tr> <tr> <td></td> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>1st 2nd and 3rd Award</td> </tr> <tr> <td></td> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8011	Award / Position / Recognition Secured	Top 3 Best Innovative Ideas Awarded		Title of Innovation / Start-up Secured the Award / Recognition	1st 2nd and 3rd Award		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8011	Award / Position / Recognition Secured	Top 3 Best Innovative Ideas Awarded																						
		Title of Innovation / Start-up Secured the Award / Recognition	1st 2nd and 3rd Award																						
		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
10	Innovation 2K20	Entrepreneurship/Startup, Innovation	Awareness	Institute Lead Activity	Institute Innovation Team	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	1380	0	1864	0	3244	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>359564</td> <td>No</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	359564	No							
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	359564	No																							

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

11	Decrypt in the Dark	Innovation	Innovation Contest	Student Lead Activity	Basic Sciences and Humanities	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	547	0	145	0	692	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	8012	Award / Position / Recognition Secured	Top 6 Best idea awards.
																Title of Innovation / Start-up Secured the Award / Recognition	Decrypt in the Dark	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
12	Circuitrix	Innovation	Innovation Contest	Student Lead Activity	Electronics and Telecommunication Engineering Department	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	129	0	19	0	148	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12401	Award / Position / Recognition Secured	Top 4 best idea awards
																Title of Innovation / Start-up Secured the Award / Recognition	Circuitrix	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
13	Funtronics	Innovation	Innovation Contest	Student Lead Activity	Electronics and Telecommunication Engineering	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	228	0	22	0	250	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12801	Award / Position / Recognition Secured	Top 4 best innovation in Funtronics Awards
																Title of Innovation / Start-up Secured the Award / Recognition	Funtronics Award	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

14	Contraption	Innovation	Ideation	Student Lead Activity	Instrumentation and Control Department	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	35	0	8	0	43	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	24000	Award / Position / Recognition Secured	Top 3 Best Innovation Awards of Contraption
																	Title of Innovation / Start-up Secured the Award / Recognition	Contraption Awards
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
15	Crypthunt	Innovation	Innovation Contest	Student Lead Activity	Information Technology Department	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	128	0	30	0	158	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10465	Award / Position / Recognition Secured	Top 2 teams for best innovative ideas in Crypthunt
																	Title of Innovation / Start-up Secured the Award / Recognition	Crypthunt Awards
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
16	Cyclothon	Innovation	Skill development	Student Lead Activity	Mechanical Engineering Department	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	108	0	48	0	156	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	23620	Award / Position / Recognition Secured	Top 3 best students in Cyclothon
																	Title of Innovation / Start-up Secured the Award / Recognition	Cyclothon Awards
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

17	Inventrix	Innovation	Innovation Contest	Student Lead Activity	Mechanical Engineering Department	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	110	0	50	0	160	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10892	Award / Position / Recognition Secured	Top 3 best inventions in Inventrix
																	Title of Innovation / Start-up Secured the Award / Recognition	Inventrix Awards
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
18	Robomarvel	Innovation	Demo Day	Student Lead Activity	Team Robocon	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	30	0	16	0	46	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7986	Award / Position / Recognition Secured	Top Robomarveler
																	Title of Innovation / Start-up Secured the Award / Recognition	Robomarvel Award
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
19	Casino Royale	Innovation	Innovation Contest	Student Lead Activity	Computer Engineering Department	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	176	0	47	0	223	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	12200	Award / Position / Recognition Secured	Top 4 Casino Royale Winners
																	Title of Innovation / Start-up Secured the Award / Recognition	Casino Royale Awards
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

20	Software Hackathon	Innovation	Hackathon	Student Lead Activity	Computer Engineering Department	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	147	0	78	0	225	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	32000	Award / Position / Recognition Secured	Top 3 teams of Software Hackathon winners
																	Title of Innovation / Start-up Secured the Award / Recognition	Software Hackathon winners
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
21	Lecture on Astronomy	Innovation	Motivational speak	Student Lead Activity	Astronomy Club	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	51	0	26	0	77	No	No		
22	PLC talk	Innovation	Seminar	Student Lead Activity	Student Club	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	112	0	4	0	116	No	No		
23	ASME	Innovation	Motivational speak	Student Lead Activity	ASME Student Chapter	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	0	0	78	0	78	No	No		
24	Cryptocurrency and Blockchain Talk	Innovation	Seminar	Student Lead Activity	Computer Engineering Department	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	123	0	15	0	138	No	No		
25	Quiz Innovation 2K20	Innovation	Innovation Contest	Student Lead Activity	A	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	0	0	60	0	60	No	No		
26	Project Expo	Innovation	Exhibition	Student Lead Activity	Institute Innovation Team	14-02-2020 00:00:00	15-02-2020 00:00:00	2	Within Campus	0	0	74	0	74	No	No		
27	Internal Hackathon for Smart India Hackathon 2020 (Shortlisting teams)	Innovation	Innovation Contest	Institute Lead Activity	Institute Hackathon Team	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	156	0	0	0	156	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	13890	Award / Position / Recognition Secured	Top 10 teams Selected For Final SIH
																	Title of Innovation / Start-up Secured the Award / Recognition	Top Team Certificate
																	Award/Recognition/Achievement Received for	

Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

28	Kedar Tumne - Innovation of the year Award Competition	Innovation	Innovation Contest	Institute Lead Activity	IP Cell	06-03-2020 00:00:00	06-03-2020 00:00:00	1	Within Campus	60	0	0	0	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	30000	Award / Position / Recognition Secured	Top 3 awards as Kedar Tumne Innovation Awards of the year	
																	Title of Innovation / Start-up Secured the Award / Recognition	Two-wheeler Seat Height Adjustment, Smart Shoe, SHUKTIJ (A spherical rolling robot)	
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

Section 1 > ii : 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	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/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	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	NES Innovation Awards 2020 - Business Plan Workshop	Entrepreneurship/Startup	Boot camp	Natrajan Education Society	Non-Govt. Agencies	18-01-2020 00:00:00	18-01-2020 00:00:00	1	4	0	4	Yes	1st Position, NES Innovation Awards 2020 with Prize money of INR 50,000, Trophy and Certificate	Water Pollution Analysis using Machine Learning	No	Award / Position / Recognition Secured	1st Position, NES Innovation Awards 2020 with Prize money of INR 50,000, Trophy and Certificate	
																	Title of Innovation / Start-up Secured the Award / Recognition	Water Pollution Analysis using Machine Learning
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

Section 1 > ii : 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

2	Avishkar - 2019 The Expression of Creativity University Level Research Competition	Entrepreneurship/Startup	Innovation Contest	Savitribai Phule Pune University	Govt. Agency (State)	21-01-2020 00:00:00	21-01-2020 00:00:00	1	10	0	10	Yes	Selected at Zonal level	Water Quality Analysis using synthetic aperture radar (SAR) Imagery	No			Award / Position / Recognition Secured	Selected at Zonal level
																		Title of Innovation / Start-up Secured the Award / Recognition	Water Quality Analysis using synthetic aperture radar (SAR) Imagery
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
3	Aero Design Challenge 2019	Innovation	Innovation Contest	SRM Institute Of Science And Technology, Chennai	Educational Institute	19-07-2019 00:00:00	21-07-2019 00:00:00	3	7	1	8	Yes	Best Technical Presentation	A		204791		Award / Position / Recognition Secured	Best Technical Presentation
																		Title of Innovation / Start-up Secured the Award / Recognition	A
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
4	Smart India Hackathon 2019 (Hardwar e)	Entrepreneurship/Startup	Hackathon	AICTE, MHRD, i4C and Persistent Systems	Govt. Agency (Central)	08-07-2019 00:00:00	12-07-2019 00:00:00	5	6	1	7	No	---	---	No			No	
5	5th Mitsubishi Electric Cup	Innovation	Innovation Contest	B.M.S. College of Engineering, Bengaluru	Educational Institute	14-02-2020 00:00:00	15-02-2020 00:00:00	2	3	1	4	No	---	---	No			No	

Section 1 > ii : 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

6	5th Aero design Challenge 2020	Innovation	Innovation Contest	Bannari Amman Institute of Technology, Satyamangalam, Coimbatore, Tamil Nadu	Educational Institute	28-02-2020 00:00:00	01-03-2020 00:00:00	3	15	0	15	Yes	2nd prize (Best technical presentation) and 3rd prize (overall regular) Cash prize INR 25000	Designing an Innovative aero-model	Total Total Expense Amount Incurred by Institute? (In Rupees) 292667		Award / Position / Recognition Secured 2nd prize (Best technical presentation) and 3rd prize (overall regular) Cash prize INR 25000	
																Title of Innovation / Start-up Secured the Award / Recognition Designing an Innovative aero-model		
																Award/Recognition/Achievement Received for Idea/Innovation/Prototype		
7	Wabtec EXCEED 2020 Campus Challenge	Innovation	Innovation Contest	Wabtec Corporation (previously GE Transportation) at JFWTC Bangalore	Corporate / Industry Association	23-01-2020 00:00:00	24-01-2020 00:00:00	2	3	1	4	Yes	Winner of the EXCEED -2020	Detection of Flatness on Wheels of Railway Vehicle	No		Award / Position / Recognition Secured Winner of the EXCEED-2020	
																Title of Innovation / Start-up Secured the Award / Recognition Detection of Flatness on Wheels of Railway Vehicle		
																Award/Recognition/Achievement Received for Idea/Innovation/Prototype		
8	AGU ocean conference meeting (OSM 2020)	Innovation	Conference	San Diego, CA, USA	International Agencies	16-02-2020 00:00:00	21-02-2020 00:00:00	6	1	0	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 28983		No	
9	IBM Wise She TF Challenge 2020	Entrepreneurship/Startup	Hackathon	IBM	Corporate / Industry Association	23-02-2020 00:00:00	18-03-2020 00:00:00	25	6	0	6	Yes	Winner	Women in Security Excelling (WISE)	No		Award / Position / Recognition Secured Winner	
																Title of Innovation / Start-up Secured the Award / Recognition Women in Security Excelling (WISE)		
																Award/Recognition/Achievement Received for Idea/Innovation/Prototype		

Section 1 > ii : 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

10	IBM Hackathon - Call for Code	Innovation	Hackathon	IBM	Corporate / Industry Association	28-02-2020 00:00:00	28-02-2020 00:00:00	1	1	0	1	No	---	---	No	No							
11	Vishwapreneur- Explore the Unexplored	Entrepreneurship/Startup	Awareness	Vishwakarma Institute of Information Technology, Pune	Educational Institute	08-02-2020 00:00:00	09-02-2020 00:00:00	2	1	0	1	No	---	---	No	No							
12	AICTE Vishwakarma Awards Competition	Innovation	Innovation Contest	Oriental Institute of Science and Technology, Bhopal	Govt. Agency (Central)	19-12-2019 00:00:00	19-12-2019 00:00:00	1	3	0	3	No	---	---	No	No							
13	AICTE Young Scientist Symposium	Innovation	Innovation Contest	Biswa Bangla Convention Center Kolkata	Govt. Agency (Central)	05-11-2019 00:00:00	07-11-2019 00:00:00	3	2	0	2	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees) 5972		No						
14	Faculty Orientation Session on Entrepreneurship	IPR	Awareness	Science and Technology Park, Savitribai Phule Pune University	Govt. Agency (State)	25-07-2019 00:00:00	25-07-2019 00:00:00	1	0	152	152	No	---	---	No	No							
15	NES Innovation Awards 2020 - Business Plan Workshop	Entrepreneurship/Startup	Boot camp	Natrajan Education Society	Non-Govt. Agencies	18-01-2020 00:00:00	18-01-2020 00:00:00	1	4	0	4	Yes	Special mention - Most Commendable Project	IoT based System for Detection of Sewage Blockages	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Special mention - Most Commendable Project</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>IoT based System for Detection of Sewage Blockages</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Special mention - Most Commendable Project	Title of Innovation / Start-up Secured the Award / Recognition	IoT based System for Detection of Sewage Blockages	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Special mention - Most Commendable Project																						
Title of Innovation / Start-up Secured the Award / Recognition	IoT based System for Detection of Sewage Blockages																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

Section 1 > ii : 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

16	9th National Creativity Aptitude Test 2020	Innovation	Skill development	NCAT by International Forum for Excellence in Higher Education	Corporate / Industry Association	24-02-2020 00:00:00	24-02-2020 00:00:00	1	268	0	268	Yes	Creative Institute Award	Creative Institute Award	No			Award / Position / Recognition Secured	Creative Institute Award
																		Title of Innovation / Start-up Secured the Award / Recognition	Creative Institute Award
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
17	IPTSE Intellectual Property Talent Search Examination	IPR	Innovation Contest	ASSOCHAM - The Associated Chambers of Commerce and Industry of India, New Delhi	Non-Govt. Agencies	31-01-2020 00:00:00	31-01-2020 00:00:00	1	42	0	42	Yes	5 students stood in top 100 Ranks at All India Level	Securing all India rank in IPTSE Exam	No			Award / Position / Recognition Secured	5 students stood in top 100 Ranks at All India Level
																		Title of Innovation / Start-up Secured the Award / Recognition	Securing all India rank in IPTSE Exam
																		Award/Recognition/Achievement Received for	Business Model/Start up
18	BAHA SAE India	Innovation	Ideation	Society of Automotive Engineers (SAE India)	Non-Govt. Agencies	23-01-2020 00:00:00	27-01-2020 00:00:00	5	25	2	27	Yes	Skill BAJA	All Terrain Vehicle		199635		Award / Position / Recognition Secured	Skill BAJA
																		Title of Innovation / Start-up Secured the Award / Recognition	All Terrain Vehicle
																		Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
																		Total Total Expense Amount Incurred by Institute? (In Rupees)	

Section 2 > i : 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/Centre/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)
1	Introduction to Intellectual Property Rights	IPR	Elective/Core Credit Course	Credit Course (Elective)	R and D Office IP Cell	06-08-2019	13-12-2019	130	Offline	26	42
2	Basic Entrepreneurship	Entrepreneurship/Start-up	Elective/Core Credit Course	Credit Course (Elective)	Startup Cell	06-08-2019	13-12-2019	130	Offline	95	42

3	Advanced Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Institute	06-08-2019	13-12-2019	130	Offline	25	42
4	Principles of Economics	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Basic Sciences and Humanities	06-08-2019	13-12-2019	130	Offline	600	45
5	Digital Marketing	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Basic Sciences and Humanities	06-08-2019	13-12-2019	130	Offline	350	42
6	e-business	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Computer Engineering Department	06-01-2020	24-04-2020	110	Offline	95	40

Section 2 > ii : List the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Smo	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	Garnishing Talent	Entrepreneurship/Startup	Employment Generation Training Programs	Training and Placement Department	09-01-2020	10-04-2020	93	Offline	108	30
2	EEP An innovation Employability Skills Enhancement and Career Building	IPR, Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Institute	09-08-2019	24-01-2020	169	Online	694	30

Section 2 > iii : 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)

Smo	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	Dr. Revati Shiram	Instrumentation Dept	Asst Professor	No	No						
2	Dr Anita Jain	Electronic and Telecommunication Department	Associate Professor	No	Yes						
						Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date
	Innovation, business model and entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	Swayam NPTEL - AICTE	Govt. Agency (Central)	29-07-2019 00:00:00	18-10-2019 00:00:00	82	Online		
3	Dr. Ashwini Deshpande	Electronics and telecommunication department	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		
	Patent Drafting for Beginners	IPR	Short term Certificate	SWAYAM NPTEL - AICTE	Govt. Agency (Central)	27-01-2020 00:00:00	29-03-2020 00:00:00	63	Online		
4	Prof. Sagar Vanarase	Electronics and Telecommunication Engineering	Asst 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
	Introduction to Research and Innovation	Innovation	Short term Certificate	SWAYAM NPTEL - AICTE	Govt. Agency (Central)	27-01-2020 00:00:00	29-03-2020 00:00:00	63	Online
5	Dr. Vikas Hajare	Instrumentation and Control		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
	Innovation Business Models and Entrepreneurship	Entrepreneurship/Startup, Innovation	Short term Certificate	SWAYAM NPTEL AICTE	Govt. Agency (Central)	29-07-2019 00:00:00	18-10-2019 00:00:00	82	Online
6	Prof. Makarand Velankar	Information Technology		Asst 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
	Innovation Business Models and Entrepreneurship	Entrepreneurship/Startup, Innovation	Short term Certificate	SWAYAM NPTEL AICTE	Govt. Agency (Central)	29-07-2019 00:00:00	18-10-2019 00:00:00	82	Online
7	Dr. Dipti Patil	Information Technology		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
	Patent Drafting for Beginners	IPR	Short term Certificate	SWAYAM NPTEL - AICTE	Govt. Agency (Central)	29-07-2019 00:00:00	30-08-2019 00:00:00	33	Online
8	Prof. Seema Shah	Basic Sciences and Humanities		Asst 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
	Intellectual Property	IPR	Short term Certificate	SWAYAM NPTEL - AICTE	Govt. Agency (Central)	29-07-2019 00:00:00	18-10-2019 00:00:00	82	Online
9	Dr Sunita Jahirabadkar	Computer 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
	Patents law for engineers and scientists	IPR	Short term Certificate	SWAYAM NPTEL - AICTE	Govt. Agency (Central)	28-01-2019 00:00:00	27-04-2019 00:00:00	90	Online
10	Mr. Ajay Joshi	Cummins Technologies India Private Limited		Technology Sensing Incubation and IP Leader		Yes		No	

Section 3 > i : 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
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1	SWE Club	Idea Club	2016	Co-working Space	Centre of Excellence with Advance Tools	9	Tanya Jojy	tanya.jojy@cumminscollege.in	7768876783
2	Robocon	Idea Club	2011	Co-working Space	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	5	Aarya Dethe	aarya.dethe@cumminscollege.in	9881231153
3	Team Zenith (Baja Team)	Idea Club	2012	Co-working Space, 3D Printing	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	2	Rutuja Waskar	rutuja.waskar@cumminscollege.in	8600693320
4	YUKTA - An Entrepreneurship Cell	Startup Club	2017	Co-working Space	IPR Cell/Technology Transfer Centre	4	Priyal Ekande	priyal.ekande@cumminscollege.in	7447270977
5	TechBuzz Club	Innovation Club	2017	Co-working Space	Innovation Labs, IPR Cell/Technology Transfer Centre	3	Shreeya Patil	shreeya.patil@cumminscollege.in	9049383787
6	Artificial Intelligence and Computer Vision Society (AICVS)	Innovation Club	2018	Co-working Space	Innovation Labs, IPR Cell/Technology Transfer Centre	9	Michelle Thalakottur	michelle.thalakottur@cumminscollege.in	9049895858

Section 3 > ii > a : 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)

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit 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 Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?						
1	DST PRAYAS SHALA	Innovation Centre	2017	Co-working Space, 3D Printing & Prototype Equipment, Work Stations	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Nilesh Kolhalkar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nilesh.kolhalkar@cumminscollege.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9960042848</td> </tr> </table>	Facility Incharge Name	Nilesh Kolhalkar	Facility Incharge Email	nilesh.kolhalkar@cumminscollege.in	Facility Incharge Phone	9960042848	5	No	No	No
Facility Incharge Name	Nilesh Kolhalkar																
Facility Incharge Email	nilesh.kolhalkar@cumminscollege.in																
Facility Incharge Phone	9960042848																

Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE 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 CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
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Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

1	CeRIE - Center of Excellence for Research, Innovation and Entrepreneurship	2017	Pre-Incubation, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Deepa k S. Watvis ave</td> </tr> <tr> <td>Facility Incharge Email</td> <td>deepa k.watvisave@cumminscollege.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96575 52744</td> </tr> </table>	Facility Incharge Name	Dr. Deepa k S. Watvis ave	Facility Incharge Email	deepa k.watvisave@cumminscollege.in	Facility Incharge Phone	96575 52744	5	No	No	Yes
Facility Incharge Name	Dr. Deepa k S. Watvis ave														
Facility Incharge Email	deepa k.watvisave@cumminscollege.in														
Facility Incharge Phone	96575 52744														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)								
-		-			-		0								
2	ROBOCON - An Innovation Laboratory	2011	Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Atul Joshi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>atul.joshi@cummminscollege.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96043 89731</td> </tr> </table>	Facility Incharge Name	Dr. Atul Joshi	Facility Incharge Email	atul.joshi@cummminscollege.in	Facility Incharge Phone	96043 89731	2	No	No	Yes
Facility Incharge Name	Dr. Atul Joshi														
Facility Incharge Email	atul.joshi@cummminscollege.in														
Facility Incharge Phone	96043 89731														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)								
-		-			-		0								
3	BAJA Workspace	2012	Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Gautam Chandekar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gautam.chandekar@cummminscollege.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>70201 96272</td> </tr> </table>	Facility Incharge Name	Dr. Gautam Chandekar	Facility Incharge Email	gautam.chandekar@cummminscollege.in	Facility Incharge Phone	70201 96272	5	No	No	Yes
Facility Incharge Name	Dr. Gautam Chandekar														
Facility Incharge Email	gautam.chandekar@cummminscollege.in														
Facility Incharge Phone	70201 96272														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)								
-		-			-		0								

Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

No Data Filled!

Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

Section 3 > ii > e : 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/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Cummins College IPR Cell	2018	Pre-Incubation, Innovation Labs, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Sunita Jahira badkar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>sunita.jahirabadkar@cumincolege.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9881730208</td> </tr> </table>	Facility Incharge Name	Dr. Sunita Jahira badkar	Facility Incharge Email	sunita.jahirabadkar@cumincolege.in	Facility Incharge Phone	9881730208	2	Yes	No	Yes
Facility Incharge Name	Dr. Sunita Jahira badkar														
Facility Incharge Email	sunita.jahirabadkar@cumincolege.in														
Facility Incharge Phone	9881730208														
		Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)							
		Institute's Own Fund / Resource		-		Educational Institute		605680							

Section 3 > iii > a : 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 Sunita Jahirabadkar	Professor	IPR Protection & Commercialization	4			
		Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)	
		Priyanka M Project NES		Within			
2	Dr. Revati Shriram	Asst Professor	Idea/Innovation Development	3			
		Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)	
		Detection of Neurogenerative Disease Using Speech And Body Odor Signatures		Within			
3	Prof. Makarand Velankar	Asst Professor	Entrepreneurship/Startup Development	5			

1	Method and System for Detection of Parkinson's Disease through Speech and Smell Signatures	Product Innovation, Process Innovation	Technological	Cummins College of Engineering for Women, Pune	Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name DS T PR AY AS SH ALA - STP PC (Prayas Center)	Agency Type Govt. Agency (Central)	Award / Position / Recognition Secured Prototyping Grant under NIDHI PR AY AS Program	No	No	No	No
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Name	Type	Gender	Email	Contact
Neenu George	Student	Female	neenu.george@cumminscollege.in	8087183503

Name	Type	Gender	Email	Contact
Jinu James	Student	Female	jinu.james@cumminscollege.in	9130877758
Shrinidhi Kulkarni	Student	Female	shrinidhi1101@gmail.com	7447481101
Sneha Parsewar	Student	Female	sneha.parsewar@cumminscollege.in	9404184320
Revathi Shriram	Faculty	Female	revathi.shriram@cumminscollege.in	9822995273

2	SYSTEM AND METHOD FOR ARTHRITIS DETECTION	Product Innovation, Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 45760	No	No
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Name		Type		Gender		Email		Contact				
Nivedita Daimiwal		Faculty		Female		nivedita.daimiwal@cumminscollge.in		9890612162				
Name		Type		Gender		Email		Contact				
Revati Shriram		Faculty		Female		revati.shriram@cumminscollge.in		9822995273				
3	System For Indicating Colour Fading Of Clothes And Method Therefor	Process Innovation	Technol ogical	Stude nt	TRL 3 : Appli ed rese arch. First labor atory tests comp leted; proof of conc ept.	TRL 4 : Small scale protot ype built in a labor atory envir onme nt ("ugly " protot ype).	Innovati on Develop ment Comple ted	No	No	Grant Amount in Rs 43400	No	No
Name		Type		Gender		Email		Contact				
Vaidehi Anil Deuskar		Student		Female		vaidehi.deuskar@cumminscollge.in		7030642079				
4	Astute Footwear Device With Integrated Sensors	Product Innovation	Technol ogical	Stude nt- Facul ty	TRL 3 : Appli ed rese arch. First labor atory tests comp leted; proof of conc ept.	TRL 4 : Small scale protot ype built in a labor atory envir onme nt ("ugly " protot ype).	Innovati on Develop ment Ongoing	No	No	Grant Amount in Rs 22160	No	No
Name		Type		Gender		Email		Contact				
Dhanajay Bodas		Faculty		Male		dsbodas@aripune.org		9011093393				
Name		Type		Gender		Email		Contact				
Pratima Kulkarni		Faculty		Female		pratima.kulkarni@cumminscollge.in		9923831834				
Priyanka Inde		Student		Female		priyanka.inde@cumminscollge.in		8888280907				

5	System And Method For Optimization Of Reading Performance Using Character And Fonts	Process Innovation	Technological		Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 22160	No	No
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Name	Type	Gender	Email	Contact
Kimaya Sanjay Badhe	Student	Female	kimaya.badhe@cumminscollege.in	7588323057

Name	Type	Gender	Email	Contact
Kanchan Girish Sarolkar	Student	Female	kanchan.sarolkar@cumminscollege.in	9657593195
Neha Bhanudas Chaudhari	Student	Female	neha.b.chaudhari@cumminscollege.in	7588288148
Samruddhi Sanjay Kanhed	Student	Female	samruddhi.kanhed@cumminscollege.in	9422773110
Arvind Krishnaji Karandikar	Faculty	Male	shrirang@karandikar.org	9686845700

6	Solar Desalination System	Product Innovation, Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 43400	No	No
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Name	Type	Gender	Email	Contact
Shridhar Ashok Kedar	Faculty	Male	shridhar.kedar@cumminscollege.in	9420092484

Name	Type	Gender	Email	Contact
Anand Krishanarao Bewoor	Faculty	Male	anand.bewoor@cumminscollege.in	9511293267

7	A System And Method For Capturing User Gestures To Interact	Product Innovation, Process Innovation	Technological		Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	No	No	Grant Amount in Rs 43400	No	No
Name		Type			Gender		Email		Contact				
Dhokrat Sakshi		Student			Female		sakshi.dhokrat@cumminscollge.in		9850811664				
Name		Type			Gender		Email		Contact				
Tasgaonkar Madhuri		Faculty			Female		madhuri.tasgaonkar@cumminscollge.in		9850811664				
8	Seat Height Adjustment for Two Wheeler	Product Innovation, Process Innovation	Technological		Student-Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 22160	No	No
Name		Type			Gender		Email		Contact				
Dr. Ajit Bhosale		Faculty			Male		ajit.bhosale@cumminscollge.in		9970061409				
Name		Type			Gender		Email		Contact				
Sharayu Borse		Student			Female		sharayu.borse@outlook.com		8275111864				
Prajakta Sudrik		Student			Female		prajaktasudrik1998@gmail.com		9527397015				
Siddhi Bagde		Student			Female		siddhibagde9@gmail.com		7709450435				
Tejal Gujarathi		Student			Female		gujarathitejal98@gmail.com		9403664299				

Section 5 : List all the Ventures/Startups/SME Units Established with Support of Pre-incubation & Incubation facilities at the HEI

No Data Filled!

Section 7 > i : 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	ASSOCHAM - The Associated Chambers of Commerce and Industry of India	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	10	01-10-2019

Section 8 > ii : List the IPs Filed/Published/Granted (Copyright & Designs Only) by the HEI as an Applicant / Co-applicant / Co-owner

No Data Filled!

Section 8 > iii : List the IP (Patents only) Filed by the HEI as Applicant / Co-applicant / Co-owner

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	System And Method For Arthritis Detection	201921017750	National	2019 - 05	Uploaded
2	System For Indicating Colour Fading Of Clothes And Method Therefor	201921023019	National	2019 - 06	Uploaded
3	Astute Footwear Device With Integrated Sensors	201921026889	National	2019 - 07	Uploaded
4	System And Method For Optimization Of Reading Performance Using Character And Fonts	201921030947	National	2019 - 07	Uploaded
5	Solar Desalination System	201921032482	National	2019 - 08	Uploaded
6	A System And Method For Capturing User Gestures To Interact	201921046578	National	2019 - 11	Uploaded
7	Seat Height Adjustment for Two Wheeler	202021003960	National	2020 - 01	Uploaded