



# ARIIA

## ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



**MHRD**  
Ministry of Human  
Resource Development  
Government of India

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

Institute Name: Manipal Academy of Higher Education-Manipal [ARI-U-0234]

### 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/received fund to organise the program/activity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
Wearable Device Hackathon	Innovation	Hackathon	Institute Lead Activity	Innovation Center, Manipal Academy of Higher Education	20-09-2018 00:00:00	23-09-2018 00:00:00	4	Within Campus	189	15	19	0	223	Yes	171835.69
Innovation Center Open House	Innovation	Awareness	Institute Lead Activity	Innovation Center, Manipal Academy of Higher Education	03-10-2018 00:00:00	03-10-2018 00:00:00	1	Within Campus	125	15	0	0	140	Yes	17878.25
MIT Innovation Challenge	Innovation	Innovation Competition	Institute Lead Activity	Innovation Center, Manipal Academy of Higher Education	05-10-2018 00:00:00	05-10-2018 00:00:00	1	Within Campus	48	0	23	0	71	Yes	17878.25
Innovation Festival	Innovation	Innovation Exhibition	Institute Lead Activity	Innovation Center, Manipal Academy of Higher Education	27-10-2018 00:00:00	27-10-2018 00:00:00	1	Within Campus	77	32	0	0	109	Yes	68628
Professional and Creativity Development Workshops - Dr. Suraj Francis Noronha, Assistant Professor, School of Management - Idea Cafe, Marena	Innovation	Skill Development	Institute Lead Activity	Idea Cafe, Marena	31-12-2018 00:00:00	05-01-2019 00:00:00	6	Within Campus	70	3	0	0	73	Yes	5000

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

BIG scheme and other funding opportunities for Entrepreneurship in Biosciences P Somarajan, Foundation for Innovation and Technology Transfer, IIT Delhi	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Idea Cafe, Marena	08-01-2019 00:00:00	08-01-2019 00:00:00	1	Within Campus	35	10	0	0	45	Yes	2000
Art of Public Speaking for Innovators - a two day workshop - Dr. Shubha HS	Innovation	Workshop	Institute Lead Activity	Idea Cafe, Marena	30-01-2019 00:00:00	31-01-2019 00:00:00	2	Within Campus	35	2	0	0	37	Yes	9000
Grand Challenge Udupi 2019	Innovation	Hackathon	Institute Lead Activity	Innovation Center, Manipal Academy of Higher Education	28-02-2019 00:00:00	03-03-2019 00:00:00	4	Within Campus	102	10	0	0	112	Yes	69488.974
Hacking Dentistry	Innovation	Hackathon	Institute Lead Activity	Innovation Center, Manipal Academy of Higher Education	28-03-2019 00:00:00	31-03-2019 00:00:00	4	Within Campus	124	16	0	0	140	Yes	102332.48
Ibook Author Training Workshop	Innovation	Workshop	Institute Lead Activity	Innovation Center, Manipal Academy of Higher Education	22-02-2019 00:00:00	23-02-2019 00:00:00	2	Within Campus	5	19	0	0	24	Yes	5426
Hands-on Arduino Workshop	Innovation	Workshop	Institute Lead Activity	Innovation Center, Manipal Academy of Higher Education	13-03-2019 00:00:00	17-03-2019 00:00:00	5	Within Campus	30	1	0	0	31	Yes	15529
Clinical Research Opportunity Program 2018	Innovation	Awareness	Institute Lead Activity	KMC Manipal	03-12-2018 00:00:00	31-12-2018 00:00:00	29	Within Campus	24	10	0	0	34	Yes	10000
Entrepreneurship Awareness Camp, Dilifa J Noronha, MIT Program Coordinator	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Manipal Universal Technology Business Incubator	04-10-2018 00:00:00	06-10-2018 00:00:00	3	Within Campus	75	0	0	0	75	Yes	20257

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

Faculty Development Program in association with MIT and TAPMI with Dr. Mohammad Zuber, MIT and Mr. Amit Srivastava, TAPMI as Coordinators for the program	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Manipal Universal Technology Business Incubator	10-12-2018 00:00:00	21-12-2018 00:00:00	12	Within Campus	0	25	24	1	50	Yes	248376
Intellectual Property Rights Mr. Parvez Kudroli Senior Associate, Khurana and Khurana, at Idea Cafe	IPR	Workshop	Institute Lead Activity	Innovation Center	19-12-2018 00:00:00	19-12-2018 00:00:00	1	Within Campus	5	18	0	0	23	Yes	2000
Brainstorm session Healthcare and Nutrition organised by MUTBI and Manipal College of Health Profession chaired by Prof. Vasudeva Rao, T A Pai Management Institute	Innovation	ideation	Institute Lead Activity	Manipal Universal Technology Business Incubator and MCHP, Manipal	26-02-2019 00:00:00	26-02-2019 00:00:00	1	Within Campus	3	20	0	0	23	Yes	2428
Idea Competition, 9.02.2019 at IC 3rd floor conference room with 50 teams and 7 Evaluators, 2 observers	Innovation	B - Plan Competition	Institute Lead Activity	Innovation Center, MAHE	19-02-2019 00:00:00	19-02-2019 00:00:00	1	Within Campus	115	8	0	0	123	Yes	2896
Ideation to Innovation by Dr. Arun Shanbhag held at Idea Cafe Marena on Feb 20, 2019	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	Innovation Center	20-02-2019 00:00:00	20-02-2019 00:00:00	1	Within Campus	45	2	0	0	47	Yes	2000

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

How to craft Executive Summary, Prof. Ashwath Rao, Department of Commerce, MAHE, Feb 20, 2019 at Idea cafe, Marena	Entrepreneurship/Startup	Training	Institute Lead Activity	Innovation Center	20-02-2019 00:00:00	20-02-2019 00:00:00	1	Within Campus	45	2	0	0	47	Yes	2000
Finance for Non Finance Teams Prof. Ashwath Rao, Department of Commerce, MAHE, Feb 27, 2019 at Idea cafe, Marena	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	Innovation Center	27-02-2019 00:00:00	27-02-2019 00:00:00	1	Within Campus	45	2	0	0	47	Yes	2000
Building team for start-up success by Deepak Natraj, Archissa Portfolios, Bengaluru on March 01, 2019	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	Manipal Universal Technology Business Incubator and Innovation center	01-03-2019 00:00:00	01-03-2019 00:00:00	1	Within Campus	45	2	0	0	47	Yes	2000
Business Model Development by Prpf. Ishwar Haritas, T A Pai Management Institute on March 12, 2019 at idea Cafe, Marena	Entrepreneurship/Startup	Boot camp	Institute Lead Activity	Manipal Universal Technology Business Incubator and Innovation center	12-03-2019 00:00:00	12-03-2019 00:00:00	1	Within Campus	45	2	0	0	47	Yes	2000
Manipal Entrepreneurship Summit, Library Auditorium, MIT with 5 Alumni as resource persons	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Manipal Universal Technology Business Incubator and Alumni Relations, MAHE, MIT and Manipal GoK Bioincubator	26-10-2018 00:00:00	27-10-2018 00:00:00	2	Within Campus	127	0	0	0	127	Yes	185000
NIDHI - EIR Awareness at 9 different institutes by Prof. Subramanya and Ananthakrishna of MIT	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Manipal Universal Technology Business Incubator	17-01-2019 00:00:00	17-01-2019 00:00:00	1	Outside Campus	25	2	0	0	27	Yes	5713

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Exposure Visit to Industry was to Manipal Dot Net , CEO Dr. Narasimha Bhat gave a brief overview on the firm	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	Manipal Universal Technology Business Incubator	10-12-2018 00:00:00	10-12-2018 00:00:00	1	Outside Campus	0	24	0	0	24	No	---
Exposure visit to startups a brief intro of our startups was given to the prospective entrepreneur student on 6.10.2019 (nearly 75 students) and every startup promoter briefed about their project and work culture	Entrepreneurship/Startup	Exposure Visit	Institute Lead Activity	Manipal Universal Technology Business Incubator	05-10-2018 00:00:00	05-10-2018 00:00:00	1	Within Campus	75	0	0	0	75	No	---
Preparation Business Report TAPMI connect provided to the promoters of our startup company to develop their business plan and strategy on 10.08.2018 , TAPMI experts provided the brief of their working and inturn startups discussed on their requirements	Entrepreneurship/Startup	Mentoring	Institute Lead Activity	Manipal Universal Technology Business Incubator	08-10-2018 00:00:00	08-10-2018 00:00:00	1	Within Campus	6	0	0	0	6	No	---
Startup Pitch, Panel of 5 experts	Entrepreneurship/Startup	Mentoring	Student Lead Activity	Manipal Universal Technology Business Incubator	27-10-2018 00:00:00	27-10-2018 00:00:00	1	Within Campus	7	0	0	0	7	No	---

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

Grants for startups by Dr. Rakshambik ai R, Chief Manager, ICICI Knowledge Park (IKP) on BIRAC BIG on 7.01.2019 at Innovation Center	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Manipal Universal Technology Business Incubator	07-01-2018 00:00:00	07-01-2018 00:00:00	1	Within Campus	20	0	0	0	20	No	---
Opportunities for Healthcare Technology and Entrepreneurship in India, Dr. Ramesh S Ve, HOD, Dept. of Optometry, SOAHS	Entrepreneurship/Startup	Seminar	Institute Lead Activity	School of Information Sciences	15-03-2019 00:00:00	15-03-2019 00:00:00	1	Within Campus	0	14	0	0	14	Yes	2000
International Conference on Fostering Economic Transformation through Inclusive Business Innovate and Inspire	Innovation	Conference	Student Lead Activity	School of Management	22-02-2019 00:00:00	22-02-2019 00:00:00	1	Within Campus	55	5	0	0	60	Yes	2000
Anveshan - Student Innovative Research Competition	Innovation	Workshop	Institute Lead Activity	Manipal Academy of Higher Education	15-01-2019 00:00:00	15-01-2019 00:00:00	1	Within Campus	76	29	0	0	105	Yes	2000
New opportunities in Pharma Industry	Entrepreneurship/Startup	Motivational speak skill development	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE	10-05-2018 00:00:00	10-05-2018 00:00:00	1	Within Campus	20	5	0	0	25	Yes	5000
One Day Training Program on Campus to Corporate Transition	Entrepreneurship/Startup	Training skill development	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE	04-06-2018 00:00:00	04-06-2018 00:00:00	1	Within Campus	80	10	0	0	90	Yes	5000
Research Orientation	IPR	Workshop	Student Lead Activity	Innovative Communication Club (I2C),MCOPS	04-08-2018 00:00:00	04-08-2018 00:00:00	1	Within Campus	110	5	0	0	115	Yes	5000
Next Steps Carrier Opportunities	Entrepreneurship/Startup	Seminar	Student Lead Activity	ISPOR Manipal Student Chapter, MCOPS	02-06-2018 00:00:00	02-06-2018 00:00:00	1	Within Campus	15	5	0	0	20	Yes	5000

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

Importance of pharmacoecconomics and outcomes research for pharmacy graduates.	Innovation	Seminar	Student Lead Activity	ISPOR Manipal Student Chapter, MCOPS	28-09-2018 00:00:00	28-09-2018 00:00:00	1	Within Campus	15	5	0	0	20	Yes	5000
Opportunities in Health Economics and Outcomes Research in India	Innovation	Seminar	Student Lead Activity	ISPOR Manipal Student Chapter, MCOPS	26-11-2018 00:00:00	26-11-2018 00:00:00	1	Within Campus	80	10	0	0	90	Yes	5000
Vigilance Awareness Week on Eradicate corruption build a new India	Innovation	Awareness	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE	29-10-2018 00:00:00	03-11-2018 00:00:00	6	Within Campus	10	5	0	0	15	Yes	5000
Patient Solidarity Day Safe Medication and Health care for all.	Innovation	Awareness	Student Lead Activity	International Alliance of patients organization IAPO, United Kingdom	07-12-2018 00:00:00	07-12-2018 00:00:00	1	Within Campus	25	12	0	0	37	Yes	5000
Peptides from animal venom as source of pharmacologically active molecules MCOPS Golden Jubilee Commemoration Lecture	Innovation	Seminar	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE	25-02-2019 00:00:00	28-02-2019 00:00:00	4	Within Campus	50	0	0	0	50	Yes	5000
4th International Conference on Clinical Pharmacy CPCON-2019 Transitioning Towards Multidisciplinary Care and Research.	Innovation	Conference	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE	05-01-2019 00:00:00	06-01-2019 00:00:00	2	Within Campus	50	12	550	0	612	Yes	5000
6th International Congress of the Society for Ethnopharmacology	Innovation	Conference	Institute Lead Activity	Centre for Integrative Medicine and Research (CIMR) and MAHE, with Society for Ethnopharmacology	08-02-2019 00:00:00	09-02-2019 00:00:00	2	Within Campus	70	30	310	190	600	Yes	170000

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Molecular Docking, Virtual Screening and Computational Biology	Innovation	Workshop	Institute Lead Activity	Manipal College of Pharmaceutical Sciences	04-02-2019 00:00:00	07-02-2019 00:00:00	4	Within Campus	100	25	0	0	125	Yes	5000
Holistic Approach for Evidence-based Medicine in the Era of New Healthcare Reforms in India	Innovation	Training	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE, Manipal	18-03-2019 00:00:00	30-03-2019 00:00:00	13	Within Campus	15	30	0	0	45	Yes	900000
Concept of PK-PD modelling, Drug metabolism studies,	Innovation	Workshop Training	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE, Manipal	31-03-2019 00:00:00	31-03-2019 00:00:00	1	Within Campus	50	0	0	0	50	Yes	5000
Design Thinking	Innovation	Workshop	Student Lead Activity	ISPOR Manipal Student Chapter, Manipal College of Pharmaceutical Sciences, MAHE, Manipal	23-02-2019 00:00:00	23-02-2019 00:00:00	1	Within Campus	50	0	0	0	50	Yes	5000
International career and fellowship opportunities	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE, Manipal	05-01-2019 00:00:00	05-01-2019 00:00:00	1	Within Campus	25	12	0	0	37	Yes	5000
Pharmacy education, Research and Career Opportunity in Australia	Innovation	Seminar	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE, Manipal	15-01-2019 00:00:00	15-01-2019 00:00:00	1	Within Campus	30	2	0	0	32	Yes	5000
Lessons in drug hunting	Innovation	Seminar	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE, Manipal	16-01-2019 00:00:00	16-01-2019 00:00:00	1	Within Campus	25	5	0	0	30	Yes	5000
Importance of skill development and skills required in pharmaceutical industry in different functional domains	Innovation	Training	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE, Manipal	17-01-2019 00:00:00	17-01-2019 00:00:00	1	Within Campus	8	2	0	0	10	Yes	5000



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Smart India Hackathon 2019	Innovation	Hackathon	Institute Lead Activity	MIT Manipal	02-03-2019 00:00:00	03-03-2019 00:00:00	2	Within Campus	0	0	130	23	153	Yes	70000
Importance of coating	Innovation	Seminar	Institute Lead Activity	Department of Media Technology	04-01-2018 00:00:00	04-01-2018 00:00:00	1	Outside Campus	0	1	20	1	22	No	---
Smart Packaging	Innovation	seminar	Institute Lead Activity	Department of Media Technology	08-02-2018 00:00:00	08-02-2018 00:00:00	1	Outside Campus	0	1	20	1	22	No	---
Media Carnival	Innovation	Technical Fest - National Level	Institute Lead Activity	Department of Media Technology	12-02-2018 00:00:00	13-02-2018 00:00:00	2	Within Campus	100	15	50	3	168	Yes	50000
Life skills Development Series 2	Innovation	Skill Development	Institute Lead Activity	Department of Media Technology	24-02-2018 00:00:00	24-02-2018 00:00:00	1	Within Campus	100	4	0	0	104	Yes	2000
Guest Lecture	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Department of Media Technology	30-03-2018 00:00:00	30-03-2018 00:00:00	1	Within Campus	50	2	0	0	52	No	---
Celebrating Print Technology	Innovation	Technical seminar	Institute Lead Activity	Department of Media Technology	21-03-2018 00:00:00	21-03-2018 00:00:00	1	Outside Campus	20	2	100	3	125	Yes	100000
Stop Motion Animation	Innovation	Workshop	Institute Lead Activity	Department of Media Technology	02-05-2018 00:00:00	03-05-2018 00:00:00	2	Within Campus	30	2	10	0	42	Yes	5000
Digital Photography	Entrepreneurship/Startup	Skill Development	Institute Lead Activity	Department of Media Technology	05-04-2018 00:00:00	05-04-2018 00:00:00	1	Within Campus	20	2	0	0	22	No	---
Emerging Technologies Video and Broadcasting	Innovation	Skill Development	Institute Lead Activity	Department of Media Technology	04-04-2018 00:00:00	04-04-2018 00:00:00	1	Within Campus	20	2	0	0	22	No	---
Department Orientation	Innovation	Orientation Programme	Institute Lead Activity	Department of Media Technology	18-07-2018 00:00:00	18-07-2018 00:00:00	1	Within Campus	60	15	0	0	75	Yes	5000
Epic Formula for Playwriting	Innovation	Skill Development	Institute Lead Activity	Department of Media Technology	07-09-2018 00:00:00	07-09-2018 00:00:00	1	Within Campus	100	5	0	0	105	Yes	2000
Media Showcase	Innovation	Workshop	Institute Lead Activity	Department of Media Technology	31-10-2018 00:00:00	31-10-2018 00:00:00	1	Within Campus	100	15	0	0	115	Yes	10000
Condensed Matter Physics and Applications 2018 CMPA 2018	Innovation	National Conference	Institute Lead Activity	Physics	10-09-2018 00:00:00	11-09-2018 00:00:00	2	Within Campus	90	20	30	10	150	Yes	218000
Blockchain Technology and its Applications P.I.N.G. 2019	Innovation	Workshop	Institute Lead Activity	MIT Manipal	22-02-2019 00:00:00	23-02-2019 00:00:00	2	Within Campus	56	5	0	0	61	Yes	40000
Basics of Python	Innovation	Workshop	Institute Lead Activity	Govt.Agency	10-07-2018 00:00:00	12-07-2018 00:00:00	3	Within Campus	32	0	0	0	32	No	---

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

Development Opportunities in the World of Cloud Computing	Innovation	Guest Talk	Institute Lead Activity	Non Govt.Agency	27-10-2018 00:00:00	27-10-2018 00:00:00	1	Within Campus	35	0	0	0	35	No	---
Application of semantic web technologies to data intensive systems (Capsenta labs, Austin)	Innovation	Guest Talk	Institute Lead Activity	Non Govt.Agency	12-03-2018 00:00:00	12-03-2018 00:00:00	1	Within Campus	60	0	0	0	60	No	---
A peak into the Future with Artificial Intelligence( AI) (Manipal Pro Learn team, Bangalore)	Innovation	Guest Talk	Institute Lead Activity	Non Govt.Agency	05-10-2018 00:00:00	05-10-2018 00:00:00	1	Within Campus	35	0	0	0	35	No	---
Security from the Cloud	Innovation	Guest Talk	Institute Lead Activity	Non Govt.Agency	09-10-2018 00:00:00	09-10-2018 00:00:00	1	Within Campus	66	0	0	0	66	Yes	2000
Control Instrumentation and Systems Conference - 18	Innovation	Conference	Institute Lead Activity	Instrumentation and Control Engineering	08-11-2018 00:00:00	09-11-2018 00:00:00	2	Within Campus	1	3	1	10	15	Yes	96420.18
Installation and working of Distributed Control System	Innovation	Faculty Development Program	Institute Lead Activity	Instrumentation and Control Engineering	01-01-2019 00:00:00	02-01-2019 00:00:00	2	Within Campus	30	30	0	0	60	Yes	10000
Fundamentals of PID control, necessity of anti-windup integrators	Innovation	Seminar	Institute Lead Activity	Instrumentation and Control Engineering	08-02-2019 00:00:00	09-02-2019 00:00:00	2	Within Campus	20	20	0	0	40	Yes	10000
Light Combat Aircraft	Innovation	Seminar	Institute Lead Activity	Instrumentation and Control Engineering	29-03-2019 00:00:00	29-03-2019 00:00:00	1	Within Campus	20	20	0	0	40	Yes	10000
Basics of Python	Innovation	Workshop	Institute Lead Activity	Instrumentation and Control Engineering	10-07-2018 00:00:00	13-07-2018 00:00:00	4	Within Campus	32	0	0	0	32	Yes	3200
Workshop on Advanced utilities in Matlab	Innovation	Workshop	Institute Lead Activity	Instrumentation and Control Engineering	11-08-2018 00:00:00	11-08-2018 00:00:00	1	Within Campus	74	0	0	0	74	Yes	7400

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Cryptography, Cryptanalyses and Network Security Current Challenges and Future Directions	Innovation	Workshop	Institute Lead Activity	Instrumentation and Control Engineering	14-09-2018 00:00:00	21-09-2018 00:00:00	8	Within Campus	42	0	0	0	42	Yes	4200
LEED Green Associate Credentialing	Innovation	Workshop	Institute Lead Activity	Instrumentation and Control Engineering	05-09-2018 00:00:00	07-09-2018 00:00:00	3	Within Campus	60	0	0	0	60	Yes	6000
Wind Turbine Generators and Related Issues	Innovation	Workshop	Institute Lead Activity	Instrumentation and Control Engineering	06-10-2018 00:00:00	06-10-2018 00:00:00	1	Within Campus	75	0	0	0	75	Yes	7500
Research and Innovation Awareness programme	Innovation	Awareness Programme	Institute Lead Activity	MAHE, Manipal	08-06-2018 00:00:00	08-06-2018 00:00:00	1	Within Campus	0	35	0	0	35	Yes	15000
Research and Innovation Awareness programme	Innovation	Awareness programme	Institute Lead Activity	MAHE, Manipal	15-06-2018 00:00:00	15-06-2018 00:00:00	1	Within Campus	0	30	0	0	30	Yes	15000
Sculpting an Academic Teaching portfolio	Innovation	National Workshop	Institute Lead Activity	MAHE, Manipal	19-06-2018 00:00:00	19-06-2018 00:00:00	1	Within Campus	0	25	0	0	25	Yes	10000
Science Academies Lecture Workshop	Innovation	National Workshop	Institute Lead Activity	MAHE, Manipal	06-08-2018 00:00:00	08-08-2018 00:00:00	3	Within Campus	0	25	0	0	25	Yes	10000
SYMBIOT 2018 (Institute of Engineers Biotechnology Manipal Chapter)	Innovation	Conference	Institute Lead Activity	Dept of Biotechnology, MIT	19-10-2018 00:00:00	20-10-2018 00:00:00	2	Within Campus	100	25	0	0	125	Yes	50000
Smart India Hackathon 2019	Entrepreneurship/Startup	Hackathon	Institute Lead Activity	MIT Manipal	01-03-2019 00:00:00	03-03-2019 00:00:00	3	Within Campus	0	0	130	23	153	Yes	1400000
Tech Tatva	Innovation	Innovation Exhibition	Student Lead Activity	MIT Manipal	06-10-2018 00:00:00	12-10-2018 00:00:00	7	Within Campus	1550	40	450	0	2040	Yes	3200000
Nutrition Program	Innovation	Awareness	Institute Lead Activity	MCON	01-04-2018 00:00:00	01-04-2018 00:00:00	1	Within Campus	15	6	0	0	21	Yes	2000
World Health Day (for self help groups ASHA workers Anganwadi workers)	Innovation	Awareness Program	Institute Lead Activity	MCON	07-04-2018 00:00:00	07-04-2018 00:00:00	1	Within Campus	50	8	0	0	58	Yes	2000

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

International Midwives Day	Innovation	Awareness	Institute Lead Activity	MCON	05-05-2018 00:00:00	05-05-2018 00:00:00	1	Within Campus	48	7	5	0	60	Yes	2000
International Nurses Week	Innovation	Awareness	Institute Lead Activity	MCON	06-05-2018 00:00:00	11-05-2018 00:00:00	6	Within Campus	15	68	486	0	569	Yes	5000
Evidence Informed Public Writing for Academics and Researchers	Innovation	Training	Institute Lead Activity	MCON	25-06-2018 00:00:00	25-06-2018 00:00:00	1	Within Campus	10	0	0	0	10	Yes	2000
Faculty Development Programme	Innovation	Training	Institute Lead Activity	MCON	26-07-2018 00:00:00	27-07-2018 00:00:00	2	Within Campus	0	60	0	0	60	Yes	3000
World Breast Feeding Week Celebration 2018	Innovation	Awareness	Institute Lead Activity	MCON	01-08-2018 00:00:00	07-08-2018 00:00:00	7	Within Campus	5	8	0	0	13	Yes	1000
4th Curriculum convention on Competency Based Education	Innovation	Training	Institute Lead Activity	MCON	22-08-2018 00:00:00	22-08-2018 00:00:00	1	Within Campus	13	68	0	4	85	Yes	3000
Nutrition Week Nursing Innovations	Innovation	Awareness	Institute Lead Activity	MCON	01-09-2018 00:00:00	07-09-2018 00:00:00	7	Within Campus	15	6	0	0	21	Yes	2000
World Suicide Prevention Day 2018	Innovation	Awareness	Institute Lead Activity	MCON	12-09-2018 00:00:00	12-09-2018 00:00:00	1	Within Campus	30	8	0	0	38	Yes	2000
World Alzheimers Day 2018	Innovation	Awareness	Institute Lead Activity	MCON	24-09-2018 00:00:00	27-09-2018 00:00:00	4	Within Campus	35	8	0	0	43	Yes	2000
Cardio Pulmonary Resuscitation (CPR) Training Programme	Innovation	Training and Skill development	Institute Lead Activity	MCON	25-09-2018 00:00:00	25-09-2018 00:00:00	1	Within Campus	25	8	0	0	33	Yes	2000
World Heart Day 2018	Innovation	Awareness	Institute Lead Activity	MCON	27-09-2018 00:00:00	27-09-2018 00:00:00	1	Within Campus	100	10	0	0	110	Yes	5000
Workshop on Systematic Review and Meta analysis	Innovation	Training	Institute Lead Activity	MCON	04-10-2018 00:00:00	05-10-2018 00:00:00	2	Within Campus	15	0	35	0	50	Yes	2000
World Mental Health Day 2018	Innovation	Awareness	Institute Lead Activity	MCON	10-10-2018 00:00:00	10-10-2018 00:00:00	1	Within Campus	15	8	0	0	23	Yes	2000

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

Adolescent Medicine and Childhood Cancer	Innovation	Awareness	Institute Lead Activity	MCON	22-10-2018 00:00:00	22-10-2018 00:00:00	1	Within Campus	30	2	0	0	32	Yes	2000
Workshop on OSCE	Innovation	Training	Institute Lead Activity	MCON	02-11-2018 00:00:00	02-11-2018 00:00:00	1	Within Campus	8	0	40	0	48	Yes	2000
Integrated Learning Programme on First Aid CPR and Dietary and Therapeutic Botanical Product Development	Innovation	Training, Skill development	Institute Lead Activity	MCON	09-11-2018 00:00:00	09-11-2018 00:00:00	1	Within Campus	24	0	0	0	24	Yes	2000
World Diabetes Day 2018	Innovation	Awareness	Institute Lead Activity	MCON	14-11-2018 00:00:00	14-11-2018 00:00:00	1	Within Campus	30	8	0	0	38	Yes	2000
Newborn Week Celebrations	Innovation	Awareness	Institute Lead Activity	MCON	15-11-2018 00:00:00	21-11-2018 00:00:00	7	Within Campus	45	8	0	0	53	Yes	2000
World AIDS Day 2018	Innovation	Awareness	Institute Lead Activity	MCON	01-12-2018 00:00:00	01-12-2018 00:00:00	1	Within Campus	100	9	0	0	109	Yes	2000
Graduate Certificate training center at MCON, MAHE, Manipal	Innovation	Motivational speak	Institute Lead Activity	MCON	01-12-2018 00:00:00	01-12-2018 00:00:00	1	Within Campus	100	6	0	0	106	Yes	2000
Workshop on Developmental Supportive Care (DSC)	Innovation	Training	Institute Lead Activity	MCON	08-12-2018 00:00:00	08-12-2018 00:00:00	1	Within Campus	0	8	0	40	48	Yes	2000
Personal and Professional Development	Innovation	Training	Institute Lead Activity	MCON	15-12-2018 00:00:00	15-12-2018 00:00:00	1	Within Campus	100	0	100	0	200	Yes	5000
Change management and health care overseas	Innovation	Motivational speak	Institute Lead Activity	MCON	05-01-2019 00:00:00	05-01-2019 00:00:00	1	Within Campus	53	0	53	0	106	Yes	2000
Interactive Session of Nurse Practitioner Students from Boston	Innovation	Motivational speak	Institute Lead Activity	MCON	07-01-2019 00:00:00	07-01-2019 00:00:00	1	Within Campus	50	0	50	0	100	Yes	2000

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

Interactive Session of Paediatric Nurse Practitioner Scope and Practice	Innovation	Motivational speak	Institute Lead Activity	MCON	10-01-2019 00:00:00	11-01-2019 00:00:00	2	Within Campus	50	0	50	0	100	Yes	2000
Demonstration of Comprehensive Assessment by Nurse Practitioner Students from Boston	Innovation	Awareness	Institute Lead Activity	MCON	12-01-2019 00:00:00	12-01-2019 00:00:00	1	Within Campus	5	5	5	0	15	Yes	2000
First aid and CPR program for the Anti Naxal Group	Innovation	Skill Development	Institute Lead Activity	MCON	16-01-2019 00:00:00	17-01-2019 00:00:00	2	Within Campus	0	4	0	40	44	Yes	2000
CNE programme on Health Policy Research	Innovation	Awareness	Institute Lead Activity	MCON	24-01-2019 00:00:00	24-01-2019 00:00:00	1	Within Campus	12	68	10	2	92	Yes	2000
Live Webcast of Pariksha Pe Charcha 2.0 by Honble Prime Minister of India	Innovation	Motivational speak	Institute Lead Activity	MCON	29-01-2019 00:00:00	29-01-2019 00:00:00	1	Within Campus	110	3	0	0	113	Yes	2000
World Cancer Day 2019	Innovation	Awareness	Institute Lead Activity	MCON	04-02-2019 00:00:00	04-02-2019 00:00:00	1	Within Campus	50	0	50	0	100	Yes	2000
First aid program for the students of Govt. Polytechnic College, Karkala	Innovation	Skill and Training	Institute Lead Activity	MCON	05-02-2019 00:00:00	05-02-2019 00:00:00	1	Within Campus	3	100	0	0	103	Yes	3000
Health Awareness Program For Primary School Children	Innovation	Awareness	Institute Lead Activity	MCON	05-02-2019 00:00:00	05-02-2019 00:00:00	1	Within Campus	45	4	60	0	109	Yes	2000
State level Conference on Disaster Management A preparation to react and a decision to overcome	Innovation	Awareness	Institute Lead Activity	MCON	08-02-2019 00:00:00	08-02-2019 00:00:00	1	Within Campus	13	0	100	12	125	Yes	3000
International Childhood Cancer day 2019	Innovation	Awareness	Institute Lead Activity	MCON	15-02-2019 00:00:00	15-02-2019 00:00:00	1	Within Campus	45	8	0	0	53	Yes	2000

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

CNE regarding Aggression Management and Drug Toxicity	Innovation	Awareness	Institute Lead Activity	MCON	20-02-2019 00:00:00	21-02-2019 00:00:00	2	Within Campus	60	6	0	0	66	Yes	2000
Nutritional Programme	Innovation	Awareness	Institute Lead Activity	MCON	01-03-2019 00:00:00	01-03-2019 00:00:00	1	Within Campus	22	6	0	0	28	Yes	2000
Quench your thirst Interactive lecture series	Innovation	Motivational speak	Institute Lead Activity	MCON	04-03-2019 00:00:00	05-03-2019 00:00:00	2	Within Campus	28	68	0	0	96	Yes	2000
International Womens Day 2019	Innovation	Awareness	Institute Lead Activity	MCON	06-03-2019 00:00:00	06-03-2019 00:00:00	1	Within Campus	5	8	0	120	133	Yes	5000
World Tuberculosis Day 2019 Theme Its Time	Innovation	Awareness	Institute Lead Activity	MCON	24-03-2019 00:00:00	24-03-2019 00:00:00	1	Within Campus	30	6	0	0	36	Yes	2000
Workshop on Research Methodology and Statistics	Innovation	Training	Institute Lead Activity	MCON	28-03-2019 00:00:00	30-03-2019 00:00:00	3	Within Campus	8	8	3	35	54	Yes	2000
Hands on workshops - drug compounding, medication therapy management, herbal formulations, CPR, antibiotics standardization	Innovation	Workshop	Student Lead Activity	Asia Pacific Region of International Pharmaceutical Students Federation (IPSF). MAPS (MAHE Association of Pharmacy Students)	02-03-2019 00:00:00	05-03-2019 00:00:00	4	Within Campus	0	0	50	0	50	Yes	5000
Seminar related to Student orientation towards industry	Entrepreneurship/Startup	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	09-05-2018 00:00:00	09-05-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Interaction related to the Startups and job opportunities	Entrepreneurship/Startup	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	11-07-2018 00:00:00	11-07-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Interaction related to industrial atmosphere, R AND D programs and job opportunities	Entrepreneurship/Startup	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	16-07-2018 00:00:00	16-07-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000

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

Discussion about Biocon Academy initiatives and programs and interaction with the students on BT Industry career prospects opportunities	Innovation	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	23-08-2018 00:00:00	23-08-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
IPR related Seminar	IPR	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	25-11-2018 00:00:00	25-11-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Seminar related to Student orientation towards industry	Entrepreneurship/Startup	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	26-11-2018 00:00:00	26-11-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Seminar and interaction with BiSEP students related to bridging the gap between academic, industry and research	Entrepreneurship/Startup	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	26-11-2018 00:00:00	26-11-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Seminar related to identification and development of personal skills for research in academia and industry	Innovation	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	27-11-2018 00:00:00	27-11-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Seminar related to industrial exposure	Entrepreneurship/Startup	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	27-11-2018 00:00:00	27-11-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Seminar and interactions related to advancement of molecular technologies utilized in industries to provide better health care	Innovation	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	03-12-2018 00:00:00	03-12-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000



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

Seminar and interaction related to neuronal disorders and future in academical research and industrial research	Innovation	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	20-12-2018 00:00:00	20-12-2018 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Seminar and interaction related to candidates research knowledge as a demand of industries	Entrepreneurship/Startup	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	11-01-2019 00:00:00	11-01-2019 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Lecture entitled Innovation and Entrepreneurship	Entrepreneurship/Startup	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	14-01-2019 00:00:00	14-01-2019 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Seminar and interaction on start up of industries and government support	Entrepreneurship/Startup	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	02-02-2019 00:00:00	02-02-2019 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
Seminar, interaction and counselling on planning strategies to perform the experiments in industry and development of leadership qualities	Entrepreneurship/Startup	Awareness Program	Institute Lead Activity	Manipal School of Life Sciences, MAHE, Manipal	13-02-2019 00:00:00	13-02-2019 00:00:00	1	Within Campus	250	26	25	10	311	Yes	5000
SIH 2019	Innovation	Hackathon	Institute Lead Activity	MIT Manipal	01-03-2019 00:00:00	03-03-2019 00:00:00	3	Within Campus	0	0	130	23	153	Yes	850000

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

Stanford Health Hackathon	Innovation	Hackathon	Stanford University	International Agencies	01-11-2018 00:00:00	04-11-2018 00:00:00	4	2	1	3	No	---	---	Yes	500000
Stanford Neo Design	Innovation	Workshop	MAHE, Stanford University	Educational Institute	28-03-2019 00:00:00	28-03-2019 00:00:00	1	130	5	135	No	---	---	Yes	15000
Defence India Start up Challenge (DISC 2018)	Innovation	Awareness	DRDO	Govt. Agency (Central)	10-08-2018 00:00:00	10-08-2018 00:00:00	1	0	1	1	No	---	---	No	---
Smart India Hackathon 2019	Innovation	Hackathon	MIT	Govt. Agency (Central)	02-03-2019 00:00:00	03-03-2019 00:00:00	2	2	0	2	Yes	WINNER	PY society	Yes	5000
Scope of Media Technology	Innovation	Awareness programme	ChannelU.in	Non-Govt. Agencies	12-04-2018 00:00:00	13-04-2018 00:00:00	2	0	1	1	No	---	---	Yes	10000
BIS - Bureau of Indian standards meeting	Entrepreneurship/Startup	Workshop	BIS - Bureau of Indian standards	Govt. Agency (Central)	03-08-2018 00:00:00	03-08-2018 00:00:00	1	0	2	2	No	---	---	Yes	40000
International conference on 3D printing	Innovation	Conference	Additive Manufacturing Society of India, Bangalore	Non-Govt. Agencies	07-09-2018 00:00:00	08-09-2018 00:00:00	2	3	1	4	No	---	---	Yes	15000
International Conference on Media and communication	Innovation	Conference	Symbiosis Institute of Media and Communication	Educational Institute	21-09-2018 00:00:00	22-09-2018 00:00:00	2	0	1	1	No	---	---	Yes	5000
Print Olympiad	Innovation	Conference	Offset Printers Association, Ludhiana	Non-Govt. Agencies	15-12-2018 00:00:00	16-12-2018 00:00:00	2	0	1	1	No	---	---	Yes	10000
Thin Films Fabrication and Applications	Innovation	Seminar	Govinda Dasa College	Educational Institute	08-02-2018 00:00:00	08-02-2018 00:00:00	1	0	1	1	No	---	---	Yes	5000
The Making of Great Scientists	Innovation	Motivational Talk	Smt. Rukmini Shedhi Memorial National Government First Grade College and P.G	Educational Institute	28-02-2018 00:00:00	28-02-2018 00:00:00	1	0	1	1	No	---	---	Yes	5000
Research Based Pedagogical Tools	Innovation	National Workshop	IISER-Pune	Educational Institute	14-02-2018 00:00:00	16-02-2018 00:00:00	3	0	1	1	No	---	---	Yes	5000
Radiation Physics	Innovation	National Symposium	Indore	Govt. Agency (Central)	05-03-2018 00:00:00	07-03-2018 00:00:00	3	0	1	1	No	---	---	Yes	5000

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

Research and Innovation Awareness programme	Innovation	Awareness Programme	MAHE, MANIPAL	Educational Institute	16-03-2018 00:00:00	16-03-2018 00:00:00	1	0	1	1	No	---	---	No	---
On Quantum Mechanics	Innovation	Fifteen days Refresher Course	VIT, Chennai	Educational Institute	12-05-2018 00:00:00	26-05-2018 00:00:00	15	0	1	1	No	---	---	Yes	5000
International conference on Commerce and Pharma Management	Innovation	Conference	Manipal College of Pharmaceutical Sciences	Educational Institute	27-09-2018 00:00:00	28-09-2018 00:00:00	2	1	0	1	No	---	---	Yes	5000
Understanding our adolescents, suicide prevention and introduction to therapeutic counselling for Teachers and administrators in higher education	Innovation	National workshop	NMAMIT, Nitte	Educational Institute	21-05-2018 00:00:00	24-05-2018 00:00:00	4	0	1	1	No	---	---	No	---
Thermoelectric Material and its applications	Entrepreneurship/Startup	National Workshop	IISc, Bangalore	Govt. Agency (Central)	04-06-2018 00:00:00	08-06-2018 00:00:00	5	0	1	1	No	---	---	Yes	25000
Research based pedagogical Tools (Level 1)	Innovation	National Workshop	MHRD, Gol	Govt. Agency (Central)	28-09-2018 00:00:00	01-10-2018 00:00:00	4	0	1	1	No	---	---	Yes	5000
Challenges and prospects of thermoelectric technology for waste heat harvesting and the Demark-india networking meeting	Innovation	International Workshop	DTU, Denmark	International Agencies	08-11-2018 00:00:00	12-11-2018 00:00:00	5	0	1	1	No	---	---	Yes	50000
Recent advances in Engineering, Technology and Science	Innovation	International Conference	Advanced research society for science and sociology	Educational Institute	21-10-2018 00:00:00	21-10-2018 00:00:00	1	0	1	1	No	---	---	Yes	10000
Nanostructure based wide band gap semiconductors for sensor applications	Innovation	Faculty Development Program	HRD, Gol, Mangalore University	Govt. Agency (State)	11-10-2018 00:00:00	17-10-2018 00:00:00	7	0	1	1	No	---	---	Yes	10000

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

Advances in Nuclear Physics	Innovation	International Symposium	BRNS and BARC, MUMBAI	Govt. Agency (Central)	09-12-2018 00:00:00	14-12-2018 00:00:00	6	0	1	1	No	---	---	Yes	25795
Magnetic Materials and applications	Innovation	International Conference	MSI, Bhubaneswar	Educational Institute	09-12-2018 00:00:00	13-12-2018 00:00:00	5	0	1	1	No	---	---	Yes	25106
63rd DAE Solid State Physics	Innovation	National Symposium	DAE SSPS 2018, Mumbai	Govt. Agency (Central)	18-12-2018 00:00:00	22-12-2018 00:00:00	5	0	1	1	No	---	---	Yes	42231
Level 2 of the stem teacher training workshop on Research-based pedagogical tools	Innovation	National workshop	DBT, Gol, British Council MHRD, IISER Pune	Govt. Agency (Central)	17-01-2019 00:00:00	19-01-2019 00:00:00	3	0	1	1	No	---	---	Yes	10000
8 international Engineering symposium (IES 2019)	Innovation	International Workshop	IES 2019	International Agencies	13-03-2019 00:00:00	15-03-2019 00:00:00	3	0	1	1	No	---	---	No	---
Indus Synchrotron users Meeting (ISUM)	Innovation	National Workshop	UGC-DAE Consortium for Scientific Research, University Campus, Indore	Govt. Agency (Central)	27-03-2019 00:00:00	29-03-2019 00:00:00	3	0	1	1	No	---	---	No	---
International Conference on Advances in Mathematics , Computers and Physical Sciences Thailand 2019	Innovation	International Conference	Asian Institute of Technology Conference Center, Bangkok	International Agencies	29-03-2019 00:00:00	30-03-2019 00:00:00	2	0	1	1	No	---	---	Yes	12500
International Conference on Science, Technology, Engineering and Management	Innovation	International Conference	Academicsera Paris, France	International Agencies	25-05-2019 00:00:00	26-05-2019 00:00:00	2	0	1	1	No	---	---	Yes	29000
Gordon Research Conference on Image Science	Innovation	Conference	National Institute of Health, and Frontiers of Science, USA	International Agencies	17-06-2018 00:00:00	22-06-2018 00:00:00	6	0	1	1	Yes	Receieved Carl Storm Underrepresented minority fellowship	Analysis of Colon polyps in CT Colonography using Image Processing Techniques	Yes	50000
Faculty exchange program	Entrepreneurship/Startup	Training and Teaching	Erasmus of European Commission	Govt. Agency (Central)	11-03-2019 00:00:00	15-03-2019 00:00:00	5	0	1	1	Yes	International Credit Mobility Scholarship	Medical image product development	No	---

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

Faculty Development Program	Entrepreneurship/Startup	Training	VTU, Belgaum	Educational Institute	29-01-2019 00:00:00	29-01-2019 00:00:00	1	0	1	1	Yes	How to publish the papers in SCOPUS WebOfScience Journal	How to publish the papers in SCOPUS WebOfScience Journal	No	---
Future - Relevance Analysis and Future Reduction of UNSW NB-15 Using Neural Networks on MAMLS (Smitha Rajagopal, Hareesha K.s, and Dr. Poornima Panduranga K)	Innovation	3rd International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2018)	Siksha O Anusandhan Deemed to be University, Bhubaneswar, India	Educational Institute	22-12-2018 00:00:00	24-12-2018 00:00:00	3	0	1	1	No	---	---	Yes	5000
An Attempt to Bridge the Inter - Professional Dived A Student Collaborative Perspective at International Conference(I CON IPEPC 2018)	Innovation	International Conference	Melaka Manipal Medical College (MMMC), Melaka Malaysia	Educational Institute	16-12-2018 00:00:00	21-12-2018 00:00:00	6	0	1	1	No	---	---	Yes	50000
Assessment of step Accuracy and Usability of Activity Trackers	Innovation	3rd International Conference on Contemporary Computing and Informatics (IC3 1 2018)	Amity University, Gurgaon	Educational Institute	10-10-2018 00:00:00	12-10-2018 00:00:00	3	2	0	2	No	---	---	Yes	12000
IGNIUM 2019	Innovation	Project Competition	National Institute of Technology, Trichi	Educational Institute	15-03-2019 00:00:00	17-03-2019 00:00:00	3	1	0	1	No	---	---	Yes	5000
Short term Fellowship	Innovation	Visiting professor	Ryerson University	Educational Institute	15-04-2018 00:00:00	15-07-2018 00:00:00	92	0	1	1	No	---	---	No	---
World Summit on Advances in Science, Engineering and Technology	Innovation	Conference	University of Cambridge, UK	Educational Institute	04-01-2018 00:00:00	06-01-2018 00:00:00	3	0	1	1	Yes	Best Paper	AMIGO PID Controller Design and Analysis for Binary Distillation Column	Yes	50000

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

An Attempt to Bridge the Inter Professional Dived A Student Collaborative Perspective at ICON - IPEPC 2018)	Innovation	International Conference	Melaka Manipal Medical College (MMMC), Melaka Malaysia	Educational Institute	16-12-2018 00:00:00	21-12-2018 00:00:00	6	0	1	1	No	---	---	Yes	50000
3rd International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2018, Chaired Session)	Innovation	Seminar	Melaka Manipal Medical College (MMMC), Melaka Malaysia	Educational Institute	10-10-2018 00:00:00	12-10-2018 00:00:00	3	0	2	2	No	---	---	Yes	12000
Automotive Cyber Security (Coventry University, UK)	Innovation	Seminar	Institute Lead Activity	Educational Institute	07-09-2018 00:00:00	07-09-2018 00:00:00	1	0	50	50	No	---	---	Yes	50000
3rd International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2018, Chaired Session)	Innovation	Seminar	Department of Computer Science and Engineering, Siksha O Anusandhan Deemed to be University, Bhubaneswar, India	Educational Institute	22-12-2018 00:00:00	24-12-2018 00:00:00	3	0	20	20	No	---	---	Yes	50000
BIRAC SEED Fund Committee	Innovation	Ideation	Venture Center, Pune	Govt. Agency (Central)	23-03-2019 00:00:00	23-03-2019 00:00:00	1	0	2	2	Yes	development of an Oxygen Blender for use in Neonatology	development of an Oxygen Blender for use in Neonatology	Yes	25532
One day Immersion Program For Managers of new incubation centers	Entrepreneurship/Startup	Workshop	BIRAC Regional BioInnovation Center	Govt. Agency (Central)	15-02-2019 00:00:00	15-02-2019 00:00:00	1	0	1	1	Yes	One day Immersion Program	One day Immersion Program	Yes	29977
MHRD IIC invitation to participate in inaugural function	Innovation	Inaugural function	Innovation Cell, Ministry of HRD	Govt. Agency (Central)	21-11-2018 00:00:00	21-11-2018 00:00:00	1	0	2	2	Yes	Institution Innovation Council (IIC)	Institution Innovation Council (IIC)	Yes	67064
Celebrating 60 years of Phototherapy	IPR	Exhibition	India NeoDesigns, India Habitat Centre, NewDelhi	Govt. Agency (Central)	28-07-2018 00:00:00	28-07-2018 00:00:00	1	0	3	3	Yes	Certificate of Appreciation - MAHE	Certificate of Appreciation - MAHE	Yes	67800

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

Defence India Start up Challenge (DISC 2018)	Entrepreneurship/Startup	awareness start up conclave	DRDO	Govt. Agency (Central)	08-10-2018 00:00:00	08-10-2018 00:00:00	1	0	1	1	No	---	---	Yes	9000
Smart India Hackathon	Innovation	Hackathon	All India Council for Technical Education	Govt. Agency (Central)	02-03-2018 00:00:00	03-03-2018 00:00:00	2	5	1	6	No	---	---	No	---
Controlled Release Society Annual Meeting and Exposition 2018	Innovation	Conference	Controlled Release Society, NJ, U.S.A.	International Agencies	22-07-2018 00:00:00	24-07-2018 00:00:00	3	0	1	1	No	---	---	Yes	140000
7th World Conference on Physico Chemical Methods in Drug Discovery and Development and Physico Chemical Forum Japan Joint Meeting	Innovation	Conference	International Association of Physical Chemist and Physico Chemical Forum Japan	International Agencies	28-08-2018 00:00:00	30-08-2018 00:00:00	3	0	2	2	No	---	---	Yes	78218
2018 PharmSci 360 American Association of Pharmaceutical Scientists Annual Meeting and Exposition	Innovation	Conference	American Association of Pharmaceutical Scientists, VA, USA	International Agencies	04-11-2018 00:00:00	07-11-2018 00:00:00	4	1	1	2	No	---	---	Yes	50000
Current Trends in Bio Availability and Bioequivalence Studies	Innovation	Seminar	JSS College of Pharmacy, Mysuru, India	Educational Institute	12-04-2018 00:00:00	13-04-2018 00:00:00	2	0	1	1	No	---	---	Yes	11947
International Conference on Startup Ventures Technology Developments and Future Strategies	Entrepreneurship/Startup	Conference	Manipal University, Jaipur, India	Educational Institute	08-10-2018 00:00:00	09-10-2018 00:00:00	2	3	2	5	No	---	---	Yes	57154

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

3rd International Conference on Academic and Industrial Innovations Transitions in Pharmaceutical, Medical and Biosciences	Innovation	Conference	Innovare Academic Sciences	Non-Govt. Agencies	22-10-2018 00:00:00	23-10-2018 00:00:00	2	1	4	5	No	---	---	Yes	96038
16th International Symposium on Advances in Technology and Business Potential of New Drug Delivery Systems (Controlled Release Society-Indian Chapter)	Innovation	Conference	Controlled Release Society Indian Chapter	Non-Govt. Agencies	23-02-2019 00:00:00	24-02-2019 00:00:00	2	2	0	2	No	---	---	Yes	10000
Third International Conference on Nanomaterials Synthesis, Characterization and Applications	Innovation	Conference	Centre for Nanoscience and Nanotechnology, Mahatma Gandhi University, Kottayam, India	Educational Institute	11-05-2018 00:00:00	13-05-2018 00:00:00	3	1	0	1	No	---	---	Yes	5000
10th Bengaluru INDIA NANO	Innovation	Conference	Jawaharlal Nehru Centre for Advanced Scientific Research, Bengaluru, India	Govt. Agency (State)	05-12-2018 00:00:00	07-12-2018 00:00:00	3	1	0	1	No	---	---	Yes	5000
Baja India 2018	Innovation	innovation contest	IIT Ropar	Educational Institute	08-03-2018 00:00:00	12-03-2018 00:00:00	5	15	0	15	Yes	3rd in Suspension and traction	Suspension system	Yes	500000
SAE Aero Design 2018	Innovation	innovation contest	SAE International, Lakeland, Florida, USA	International Agencies	09-03-2018 00:00:00	11-03-2018 00:00:00	3	10	0	10	Yes	World Rank 7 Overall	Best flight design	Yes	1000000
Tata Makerthon	Innovation	innovation contest	IIT Bombay	Educational Institute	11-12-2018 00:00:00	11-12-2018 00:00:00	1	8	0	8	Yes	2nd Prize	Computer vision based goal-directed autonomous systems	Yes	25000



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

Tata Makerthon	Innovation	innovation contest	IIT Bombay	Educational Institute	11-12-2018 00:00:00	11-12-2018 00:00:00	1	8	0	8	Yes	1st Prize	Enforcing safety and compliance in autonomous systems	Yes	25000
World Robot Olympiad (WRO)	Innovation	innovation contest	Ahmedabad	Educational Institute	15-09-2018 00:00:00	16-09-2018 00:00:00	2	12	0	12	Yes	2nd position	Advanced Robotics	Yes	50000
Workshop on Capacity Building for NPCC Program for Teaching faculty	IPR	workshop	Indian Nursing Council	Govt. Agency (Central)	28-06-2018 00:00:00	28-06-2018 00:00:00	1	2	2	4	No	---	---	Yes	10000
International Nursing Conference on Is our Nursing Practice Evidence Based A review of essential skills in Healthcare and Nursing Education	Innovation	Conference	KLE Intitute of Nursing Sciences, Belagavi	Educational Institute	23-11-2018 00:00:00	24-11-2018 00:00:00	2	2	2	4	No	---	---	Yes	10000
International Conference on the Essentials of Stroke Care.	Innovation	Conference	Sree Chitra Tirunal for Mideical Sciences and Technology	Educational Institute	17-11-2018 00:00:00	18-11-2018 00:00:00	2	1	1	2	No	---	---	Yes	5000
SUN Conference on Simulation in Nursing Education	Innovation	Conference	SGT University, Gurugram	Educational Institute	27-10-2018 00:00:00	28-10-2018 00:00:00	2	0	1	1	No	---	---	Yes	5000
International Conference Nurses and Midwives for Universal Health	Innovation	Conference	Indian Nursing Council	Educational Institute	29-12-2018 00:00:00	01-01-2019 00:00:00	4	0	6	6	No	---	---	Yes	30000
Research Methodology and Biostatistics	Innovation	workshop	ICMR National Institute of Nutrition, Hyderabad	Educational Institute	20-06-2018 00:00:00	22-06-2018 00:00:00	3	0	3	3	No	---	---	Yes	15000
International Conference on Voyage Towards Excellence and Advocacy	Innovation	Conference	Krupanidhi College of Nursing, Bengaluru	Educational Institute	10-12-2018 00:00:00	10-12-2018 00:00:00	1	0	4	4	No	---	---	Yes	20000

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

International Conference on Radiation Biology under the auspices of Indian Society of Radiation Biology theme being Advances in Radiation Biology Radiotherapy and Radiation Countermeasures	Innovation	Conference	K.S Hegde Medical Academy, Deralakatte, Mangaluru	Educational Institute	04-10-2018 00:00:00	06-10-2018 00:00:00	3	0	1	1	No	---	---	Yes	5000
World Congress of Cardiology and Cardiovascular Health 2018	Innovation	Conference	The European Board for Accreditation in Cardiology (EBAC), Dubai	International Agencies	05-12-2018 00:00:00	08-12-2018 00:00:00	4	0	1	1	No	---	---	Yes	5000
8th Euro India International Conference on Holistic Medicine	Innovation	Conference	Institute for Holistic Medical Sciences, Kottayam Kerala	Educational Institute	09-09-2018 00:00:00	09-09-2018 00:00:00	1	0	1	1	No	---	---	Yes	5000
12th Biennial Conference of the Global Collaborating Centres for Nursing and Midwifery Universal Health Coverage SDGs are everyone's business	Innovation	Conference	Cairns Convention Centre, Cairns, Far North Queensland, Australia	Educational Institute	18-07-2018 00:00:00	19-07-2018 00:00:00	2	0	2	2	No	---	---	Yes	10000
21st Annual State Conference of NNF Karnataka (KARNECON 2019)	Innovation	Conference	Vijayapura	Educational Institute	06-01-2019 00:00:00	06-01-2019 00:00:00	1	0	1	1	No	---	---	Yes	5000
International Conference on the theme Interprofessional Team Communication Framework and Challenges in Indian Scenario	Innovation	Conference	CMC College of Nursing and Hospital, Koirengei, Imphal East, Manipur.	Educational Institute	20-02-2019 00:00:00	22-02-2019 00:00:00	3	0	1	1	No	---	---	Yes	5000

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

International Conference on Public Health A Workforce for Countdown 2030 (SDGs).	Innovation	Conference	MTIN Charusat in collaboration with SOCHNI and IIPHG, Gujarat	Educational Institute	15-02-2019 00:00:00	16-02-2019 00:00:00	2	0	1	1	No	---	---	Yes	5000
Course in Continuing Education on Emerging Role of Nurses	Innovation	workshop	Rajkumari Amrit Kaur College of Nursing, New Delhi	Educational Institute	25-02-2019 00:00:00	01-03-2019 00:00:00	5	0	1	1	No	---	---	Yes	5000
National Pre Conference Conference on Quant-Qual	Innovation	workshop	Laxmi Memorial College of Nursing, Mangalore	Educational Institute	20-02-2019 00:00:00	21-02-2019 00:00:00	2	0	1	1	No	---	---	Yes	5000
1st International RFCCN SAARC Conference	Innovation	workshop	Critical Care Nurses Society Member World Federation of Critical Care Nurses	Educational Institute	07-02-2019 00:00:00	09-02-2019 00:00:00	3	0	1	1	No	---	---	Yes	5000
Techniques and Instrumentation in Materials research	Innovation	National Workshop	UGC, DAE	Govt. Agency (Central)	12-05-2018 00:00:00	26-05-2018 00:00:00	15	0	1	1	No	---	---	No	---
International Conference on Cloud Computing, Data Science and Engineering (Confluence 2019)	Innovation	Conference	Amity University	Educational Institute	10-01-2019 00:00:00	11-01-2019 00:00:00	2	3	0	3	No	---	---	Yes	5000
Future - Relevance Analysis and Future Reduction of UNSW NB-15 Using Neural Networks on MAMLS (Smitha Rajagopal, Hareesha K.s. and Dr. Poornima Panduranga K)	Innovation	3rd International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2018)	Siksha O Anusandhan Deemed to be University, Bhubaneswar, India	Educational Institute	22-12-2018 00:00:00	24-12-2018 00:00:00	3	0	1	1	No	---	---	Yes	5000
IEEE DISCOVER 2018	Innovation	Conference	MITE Moodbidri and IEEE Mangalore Subsection	Non-Govt. Agencies	13-08-2018 00:00:00	14-08-2018 00:00:00	2	0	1	1	No	---	---	Yes	9500

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

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
ME (Cloud Computing)	Entrepreneurship/Startup	Elective/Core Credit Course	Master	27-12-2018 00:00:00	11-04-2019 00:00:00	106	Offline	14	14	39
Profitability and Performance	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	04-02-2018 00:00:00	26-05-2018 00:00:00	112	Offline	32	32	40
Profitability and Performance	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	27-08-2018 00:00:00	14-12-2018 00:00:00	110	Offline	27	27	40
Profitability and Performance	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	04-02-2019 00:00:00	24-05-2019 00:00:00	110	Offline	34	34	40
iOS Software Development - Program Elective	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	23-07-2018 00:00:00	03-12-2018 00:00:00	134	Offline	24	24	40
iOS Software Development - Open Elective	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	03-01-2019 00:00:00	03-05-2019 00:00:00	121	Offline	24	24	40
Physics Training and Talent Search	Innovation	Short term Certificate	Bachelor	23-05-2018 00:00:00	12-06-2018 00:00:00	21	Offline	85	85	130
Certificate course in Translational Research	Innovation	Short term Certificate	PhD	16-01-2019 00:00:00	28-02-2019 00:00:00	44	Offline	28	20	48
Certificate course in Intellectual property Rights	IPR	Short term Certificate	Master	03-03-2019 00:00:00	09-03-2019 00:00:00	7	Offline	40	40	36
Generic drug development	Innovation	Elective/Core Credit Course	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30
Particulate drug delivery system	Innovation	Elective/Core Credit Course	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30
3D printing in Pharmaceutical Manufacturing	Innovation	Elective/Core Credit Course	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30
Molecular Modeling and drug design	Innovation	Short term Certificate	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30
Professional development	Entrepreneurship/Startup	Elective/Core Credit Course	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30
Principles of gene cloning	Innovation	Elective/Core Credit Course	Master	14-05-2018 00:00:00	07-06-2018 00:00:00	25	Offline	5	5	30
Tissue engineering	Innovation	Elective/Core Credit Course	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30
Screening methods for drug development	Innovation	Short term Certificate	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30
Cancer biology	Innovation	Elective/Core Credit Course	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30
Free radical biology and medicine	Innovation	Elective/Core Credit Course	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30
Nanophytopharmaceuticals	Innovation	Elective/Core Credit Course	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30
Entrepreneurship development	Entrepreneurship/Startup	Elective/Core Credit Course	Master	14-05-2018 00:00:00	06-06-2018 00:00:00	24	Offline	5	5	30

Certificate course on Novel drug delivery and nanopharmaceuticals	Innovation	Short term Certificate	Master	03-01-2018 00:00:00	30-11-2018 00:00:00	332	Offline	28	28	30
Certificate course on fundamentals of digital marketing	Innovation	Short term Certificate	Master	01-09-2018 00:00:00	30-11-2018 00:00:00	91	Offline	28	28	30
Innovation and start up management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	01-01-2019 00:00:00	04-04-2019 00:00:00	94	Offline	115	105	36

### 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?		
				Facility Incharge Name	Facility Incharge Email		Facility Incharge Phone	Yes	Annual Capital Expenditure (In Rupees)	Annual Operational Expenditure (In Rupees)	Yes
Centre for Software Development	Pre-Incubation Centre	2013	MSOIS, LG-02, AB-05, MIT Campus, Manipal	Facility Incharge Name	Sudhakar a Upadya	150 Sq. Ft.	Yes	500000	Yes	4738800	
				Facility Incharge Email	sudhakar a.upadya @manipa l.edu		3735294.96	0			
				Facility Incharge Phone	96111170 5		0				
MSOIS Private Cloud	Research Park/Innovation Park	2018	MSOIS , AB5 MIT campus Manipal	Facility Incharge Name	Sreepath y HV Chaitany a CVS	30 Sq. Ft.	Yes	150000	Yes	0	
				Facility Incharge Email	sreepathy .hv@man ipal.edu		10000	0			
				Facility Incharge Phone	99805555 504		0				

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

Manipal Universal Technology Business Incubator	Incubation Unit	2010	Advanced Research Center , Madhav Nagar, Manipal	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Y Shrihari Upadhya ya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ys.upadh yaya@m anipal.ed u</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>94491045 25</td> </tr> </table>	Facility Incharge Name	Dr. Y Shrihari Upadhya ya	Facility Incharge Email	ys.upadh yaya@m anipal.ed u	Facility Incharge Phone	94491045 25	9763 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>0</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1486997</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	0	Annual Operational Expenditure (In Rupees)	1486997	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>63033</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>678750</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	63033	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	678750
Facility Incharge Name	Dr. Y Shrihari Upadhya ya																										
Facility Incharge Email	ys.upadh yaya@m anipal.ed u																										
Facility Incharge Phone	94491045 25																										
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Annual Operational Expenditure (In Rupees)	1486997																										
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Manipal Government of Karnataka Bioincubator	Incubation Unit	2018	Advanced Research Center , Madhav Nagar, Manipal	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Manesh Thomas</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ceo.bioin cubator@ manipal.e du</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>99095773 23</td> </tr> </table>	Facility Incharge Name	Dr. Manesh Thomas	Facility Incharge Email	ceo.bioin cubator@ manipal.e du	Facility Incharge Phone	99095773 23	9763 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>18857833</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1914666</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	18857833	Annual Operational Expenditure (In Rupees)	1914666	No								
Facility Incharge Name	Dr. Manesh Thomas																										
Facility Incharge Email	ceo.bioin cubator@ manipal.e du																										
Facility Incharge Phone	99095773 23																										
Yes																											
Annual Capital Expenditure (In Rupees)	18857833																										
Annual Operational Expenditure (In Rupees)	1914666																										
Rapid Prototyping Center	Research Park/Innovation Park	2019	Ground Floor, Innovation Center	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Arun Shanbha g</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arun.shan bhag@g mail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>08202925 053</td> </tr> </table>	Facility Incharge Name	Dr. Arun Shanbha g	Facility Incharge Email	arun.shan bhag@g mail.com	Facility Incharge Phone	08202925 053	250 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>208000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>18520</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	208000	Annual Operational Expenditure (In Rupees)	18520	No								
Facility Incharge Name	Dr. Arun Shanbha g																										
Facility Incharge Email	arun.shan bhag@g mail.com																										
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Annual Capital Expenditure (In Rupees)	208000																										
Annual Operational Expenditure (In Rupees)	18520																										
Idea Cafe	Research Park/Innovation Park	2019	Marena	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Arun Shanbha g</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arun.shan bhag@g mail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>82029250 53</td> </tr> </table>	Facility Incharge Name	Dr. Arun Shanbha g	Facility Incharge Email	arun.shan bhag@g mail.com	Facility Incharge Phone	82029250 53	3290 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>2784729</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>343657</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	2784729	Annual Operational Expenditure (In Rupees)	343657	No								
Facility Incharge Name	Dr. Arun Shanbha g																										
Facility Incharge Email	arun.shan bhag@g mail.com																										
Facility Incharge Phone	82029250 53																										
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Annual Capital Expenditure (In Rupees)	2784729																										
Annual Operational Expenditure (In Rupees)	343657																										

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

Makerspace Space Lab	Research Park/Innovation Park	2018	First Floor, Innovation Center	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Arun Shanbhag</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arun.shanbhag@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8202925053</td> </tr> </table>	Facility Incharge Name	Dr. Arun Shanbhag	Facility Incharge Email	arun.shanbhag@gmail.com	Facility Incharge Phone	8202925053	600 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1868999</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>184453</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	1868999	Annual Operational Expenditure (In Rupees)	184453	No
Facility Incharge Name	Dr. Arun Shanbhag																		
Facility Incharge Email	arun.shanbhag@gmail.com																		
Facility Incharge Phone	8202925053																		
Yes																			
Annual Capital Expenditure (In Rupees)	1868999																		
Annual Operational Expenditure (In Rupees)	184453																		
Co-working Space	Research Park/Innovation Park	2018	First Floor, Innovation Center	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Arun Shanbhag</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arun.shanbhag@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>08202925053</td> </tr> </table>	Facility Incharge Name	Dr. Arun Shanbhag	Facility Incharge Email	arun.shanbhag@gmail.com	Facility Incharge Phone	08202925053	600 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>300000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>42008</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	300000	Annual Operational Expenditure (In Rupees)	42008	No
Facility Incharge Name	Dr. Arun Shanbhag																		
Facility Incharge Email	arun.shanbhag@gmail.com																		
Facility Incharge Phone	08202925053																		
Yes																			
Annual Capital Expenditure (In Rupees)	300000																		
Annual Operational Expenditure (In Rupees)	42008																		
Apple Creative Studio	Research Park/Innovation Park	2018	Second Floor, Innovation Center	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Arun Shanbhag</td> </tr> <tr> <td>Facility Incharge Email</td> <td>arun.shanbhag@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8202925053</td> </tr> </table>	Facility Incharge Name	Dr. Arun Shanbhag	Facility Incharge Email	arun.shanbhag@gmail.com	Facility Incharge Phone	8202925053	600 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>5654051</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>10000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	5654051	Annual Operational Expenditure (In Rupees)	10000	No
Facility Incharge Name	Dr. Arun Shanbhag																		
Facility Incharge Email	arun.shanbhag@gmail.com																		
Facility Incharge Phone	8202925053																		
Yes																			
Annual Capital Expenditure (In Rupees)	5654051																		
Annual Operational Expenditure (In Rupees)	10000																		
Central Instrumentation Facility(MUTBI)	Research Park/Innovation Park	2012	Ground & Second Floor Innovation Center & Ground Floor, NLHAcademic Block 3	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Shrihari Upadhya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ys.upadhya@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8202925052</td> </tr> </table>	Facility Incharge Name	Dr. Shrihari Upadhya	Facility Incharge Email	ys.upadhya@manipal.edu	Facility Incharge Phone	8202925052	600 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>8541753</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>183550</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	8541753	Annual Operational Expenditure (In Rupees)	183550	No
Facility Incharge Name	Dr. Shrihari Upadhya																		
Facility Incharge Email	ys.upadhya@manipal.edu																		
Facility Incharge Phone	8202925052																		
Yes																			
Annual Capital Expenditure (In Rupees)	8541753																		
Annual Operational Expenditure (In Rupees)	183550																		

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

CENTER FOR DRUG DELIVERY TECHNOLOGIES	Pre-Incubation Centre	2016	Manipal College of Pharmaceutical Sciences (MCOPS), MAHE, Karnataka	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Srinivas Mutalik</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ss.mutalik@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9663116990</td> </tr> </table>	Facility Incharge Name	Dr Srinivas Mutalik	Facility Incharge Email	ss.mutalik@manipal.edu	Facility Incharge Phone	9663116990	500 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>3000000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>750000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	3000000	Annual Operational Expenditure (In Rupees)	750000	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>100000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	100000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	Dr Srinivas Mutalik																										
Facility Incharge Email	ss.mutalik@manipal.edu																										
Facility Incharge Phone	9663116990																										
Yes																											
Annual Capital Expenditure (In Rupees)	3000000																										
Annual Operational Expenditure (In Rupees)	750000																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	100000																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										
CENTRE FOR TOXICOVIGILANCE AND DRUG SAFETY	Pre-Incubation Centre	2016	Manipal College of Pharmaceutical Sciences (MCOPS), MAHE, Karnataka	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.Girish Thunga</td> </tr> <tr> <td>Facility Incharge Email</td> <td>girish.thunga@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9880151127</td> </tr> </table>	Facility Incharge Name	Dr.Girish Thunga	Facility Incharge Email	girish.thunga@manipal.edu	Facility Incharge Phone	9880151127	150 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>440000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>300000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	440000	Annual Operational Expenditure (In Rupees)	300000	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>170000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	170000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	Dr.Girish Thunga																										
Facility Incharge Email	girish.thunga@manipal.edu																										
Facility Incharge Phone	9880151127																										
Yes																											
Annual Capital Expenditure (In Rupees)	440000																										
Annual Operational Expenditure (In Rupees)	300000																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	170000																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										
Centre for Drug Testing	Pre-Incubation Centre	2016	Manipal College of Pharmaceutical Sciences (MCOPS), MAHE, Karnataka	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.M Sreenivasa Reddy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ms.reddy@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9448177881</td> </tr> </table>	Facility Incharge Name	Dr.M Sreenivasa Reddy	Facility Incharge Email	ms.reddy@manipal.edu	Facility Incharge Phone	9448177881	600 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1043333</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>600000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	1043333	Annual Operational Expenditure (In Rupees)	600000	No								
Facility Incharge Name	Dr.M Sreenivasa Reddy																										
Facility Incharge Email	ms.reddy@manipal.edu																										
Facility Incharge Phone	9448177881																										
Yes																											
Annual Capital Expenditure (In Rupees)	1043333																										
Annual Operational Expenditure (In Rupees)	600000																										



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

Manipal Schrodinger Centre for Molecular Simulations	Pre-Incubation Centre	2018	Manipal College of Pharmaceutical Sciences (MCOPS), MAHE, Karnataka	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. G Gautham Shenoy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>gautham.gs@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9448169474</td> </tr> </table>	Facility Incharge Name	Dr. G Gautham Shenoy	Facility Incharge Email	gautham.gs@manipal.edu	Facility Incharge Phone	9448169474	150 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>2600000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>150000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	2600000	Annual Operational Expenditure (In Rupees)	150000	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>26000</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>0</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	26000	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0
Facility Incharge Name	Dr. G Gautham Shenoy																										
Facility Incharge Email	gautham.gs@manipal.edu																										
Facility Incharge Phone	9448169474																										
Yes																											
Annual Capital Expenditure (In Rupees)	2600000																										
Annual Operational Expenditure (In Rupees)	150000																										
Yes																											
Total Annual Income from Training and Skill Development Services (In Rupees)	26000																										
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0																										
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																										
Centre for Excellence in Drug Regulatory Affairs	Pre-Incubation Centre	2016	Manipal College of Pharmaceutical Sciences (MCOPS), MAHE, Karnataka	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Krishnamurthy Bhat</td> </tr> <tr> <td>Facility Incharge Email</td> <td>km.bhat@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9845801575</td> </tr> </table>	Facility Incharge Name	Dr Krishnamurthy Bhat	Facility Incharge Email	km.bhat@manipal.edu	Facility Incharge Phone	9845801575	1500 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>633000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>150000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	633000	Annual Operational Expenditure (In Rupees)	150000	No								
Facility Incharge Name	Dr Krishnamurthy Bhat																										
Facility Incharge Email	km.bhat@manipal.edu																										
Facility Incharge Phone	9845801575																										
Yes																											
Annual Capital Expenditure (In Rupees)	633000																										
Annual Operational Expenditure (In Rupees)	150000																										
Parikshit - Centre for Development of Nano Satellite (in collaboration with ISRO Bangalore)	Pre-Incubation Centre	2007	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Dayananda Pai</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dayanand.pai@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9731041646</td> </tr> </table>	Facility Incharge Name	Dr. Dayananda Pai	Facility Incharge Email	dayanand.pai@manipal.edu	Facility Incharge Phone	9731041646	540 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>250000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1000000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	250000	Annual Operational Expenditure (In Rupees)	1000000	No								
Facility Incharge Name	Dr. Dayananda Pai																										
Facility Incharge Email	dayanand.pai@manipal.edu																										
Facility Incharge Phone	9731041646																										
Yes																											
Annual Capital Expenditure (In Rupees)	250000																										
Annual Operational Expenditure (In Rupees)	1000000																										
Formula Manipal Combustion - Centre for Innovations in Aerodynamics and Low Cost Composite Structures	Pre-Incubation Centre	2008	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Mahesha G T</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mahesh.g.t@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9480572702</td> </tr> </table>	Facility Incharge Name	Dr. Mahesha G T	Facility Incharge Email	mahesh.g.t@manipal.edu	Facility Incharge Phone	9480572702	540 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>375000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>150001500000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	375000	Annual Operational Expenditure (In Rupees)	150001500000	No								
Facility Incharge Name	Dr. Mahesha G T																										
Facility Incharge Email	mahesh.g.t@manipal.edu																										
Facility Incharge Phone	9480572702																										
Yes																											
Annual Capital Expenditure (In Rupees)	375000																										
Annual Operational Expenditure (In Rupees)	150001500000																										

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

Team Manipal Racing Centre for Innovations in Rugged Terrain Vehicles	Pre-Incubation Centre	2009	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Kamlesh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kamlesh.kumar@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9901249743</td> </tr> </table>	Facility Incharge Name	Mr. Kamlesh Kumar	Facility Incharge Email	kamlesh.kumar@manipal.edu	Facility Incharge Phone	9901249743	540 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>268750</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1075000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	268750	Annual Operational Expenditure (In Rupees)	1075000	No
Facility Incharge Name	Mr. Kamlesh Kumar																		
Facility Incharge Email	kamlesh.kumar@manipal.edu																		
Facility Incharge Phone	9901249743																		
Yes																			
Annual Capital Expenditure (In Rupees)	268750																		
Annual Operational Expenditure (In Rupees)	1075000																		
AeroMIT - Centre for UAV and Drones for Agricultural and Disaster Management Applications	Pre-Incubation Centre	2009	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Mukund Kumar Menon</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mukund.menon@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>08202925152</td> </tr> </table>	Facility Incharge Name	Mr. Mukund Kumar Menon	Facility Incharge Email	mukund.menon@manipal.edu	Facility Incharge Phone	08202925152	450 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>142500</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>570000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	142500	Annual Operational Expenditure (In Rupees)	570000	No
Facility Incharge Name	Mr. Mukund Kumar Menon																		
Facility Incharge Email	mukund.menon@manipal.edu																		
Facility Incharge Phone	08202925152																		
Yes																			
Annual Capital Expenditure (In Rupees)	142500																		
Annual Operational Expenditure (In Rupees)	570000																		
RoboManipal Innovations in multidegree robotics and robotic arms	Pre-Incubation Centre	2010	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Shreesha Chokkadi</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shreesha.c@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>08202925152</td> </tr> </table>	Facility Incharge Name	Dr Shreesha Chokkadi	Facility Incharge Email	shreesha.c@manipal.edu	Facility Incharge Phone	08202925152	540 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>125000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>500000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	125000	Annual Operational Expenditure (In Rupees)	500000	No
Facility Incharge Name	Dr Shreesha Chokkadi																		
Facility Incharge Email	shreesha.c@manipal.edu																		
Facility Incharge Phone	08202925152																		
Yes																			
Annual Capital Expenditure (In Rupees)	125000																		
Annual Operational Expenditure (In Rupees)	500000																		
Solar Mobil - Centre for Innovation and Development in Solar powered Car	Pre-Incubation Centre	2012	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Umananda KV</td> </tr> <tr> <td>Facility Incharge Email</td> <td>umananda.kv@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9886423623</td> </tr> </table>	Facility Incharge Name	Mr. Umananda KV	Facility Incharge Email	umananda.kv@manipal.edu	Facility Incharge Phone	9886423623	540 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>687500</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>2750000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	687500	Annual Operational Expenditure (In Rupees)	2750000	No
Facility Incharge Name	Mr. Umananda KV																		
Facility Incharge Email	umananda.kv@manipal.edu																		
Facility Incharge Phone	9886423623																		
Yes																			
Annual Capital Expenditure (In Rupees)	687500																		
Annual Operational Expenditure (In Rupees)	2750000																		
Project Manas - Advances in Artificial Intelligence for Autonomous Vehicles	Pre-Incubation Centre	2014	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Ashalatha Nayak</td> </tr> <tr> <td>Facility Incharge Email</td> <td>asha.nayak@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>08202924511</td> </tr> </table>	Facility Incharge Name	Dr. Ashalatha Nayak	Facility Incharge Email	asha.nayak@manipal.edu	Facility Incharge Phone	08202924511	540 Sq. Ft.	<table border="1"> <tr> <th colspan="2">Yes</th> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>330000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1320000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	330000	Annual Operational Expenditure (In Rupees)	1320000	No
Facility Incharge Name	Dr. Ashalatha Nayak																		
Facility Incharge Email	asha.nayak@manipal.edu																		
Facility Incharge Phone	08202924511																		
Yes																			
Annual Capital Expenditure (In Rupees)	330000																		
Annual Operational Expenditure (In Rupees)	1320000																		

## Innovation, Pre-Incubation & Incubation Centre/Facilities exists on campus

Formula Manipal Electric - Developing fully electric vehicles and innovations in battery management	Pre-Incubation Centre	2016	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Dayananda Pai</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dayanand.pai@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9731041646</td> </tr> </table>	Facility Incharge Name	Dr. Dayananda Pai	Facility Incharge Email	dayanand.pai@manipal.edu	Facility Incharge Phone	9731041646	540 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>200000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>800000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	200000	Annual Operational Expenditure (In Rupees)	800000	No
Facility Incharge Name	Dr. Dayananda Pai																		
Facility Incharge Email	dayanand.pai@manipal.edu																		
Facility Incharge Phone	9731041646																		
Yes																			
Annual Capital Expenditure (In Rupees)	200000																		
Annual Operational Expenditure (In Rupees)	800000																		
Rugved Centre for Developing Defense Systems and Vehicles	Pre-Incubation Centre	2016	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Satyakam eee</td> </tr> <tr> <td>Facility Incharge Email</td> <td>satyakam.deo@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>08202925122</td> </tr> </table>	Facility Incharge Name	Mr. Satyakam eee	Facility Incharge Email	satyakam.deo@manipal.edu	Facility Incharge Phone	08202925122	540 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>512500</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>2050000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	512500	Annual Operational Expenditure (In Rupees)	2050000	No
Facility Incharge Name	Mr. Satyakam eee																		
Facility Incharge Email	satyakam.deo@manipal.edu																		
Facility Incharge Phone	08202925122																		
Yes																			
Annual Capital Expenditure (In Rupees)	512500																		
Annual Operational Expenditure (In Rupees)	2050000																		
ThrustMIT - Developing Advanced Sounding Rockets for Weather Forecasting	Pre-Incubation Centre	2016	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Srinivas G</td> </tr> <tr> <td>Facility Incharge Email</td> <td>srinivas.g@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8123677706</td> </tr> </table>	Facility Incharge Name	Mr. Srinivas G	Facility Incharge Email	srinivas.g@manipal.edu	Facility Incharge Phone	8123677706	540 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>425000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1700000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	425000	Annual Operational Expenditure (In Rupees)	1700000	No
Facility Incharge Name	Mr. Srinivas G																		
Facility Incharge Email	srinivas.g@manipal.edu																		
Facility Incharge Phone	8123677706																		
Yes																			
Annual Capital Expenditure (In Rupees)	425000																		
Annual Operational Expenditure (In Rupees)	1700000																		
Dron Aid Development of Medical Drones	Pre-Incubation Centre	2017	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Kamlesh Kumar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>kamlesh.kumar@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9901249743</td> </tr> </table>	Facility Incharge Name	Mr. Kamlesh Kumar	Facility Incharge Email	kamlesh.kumar@manipal.edu	Facility Incharge Phone	9901249743	450 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>125000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>500000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	125000	Annual Operational Expenditure (In Rupees)	500000	No
Facility Incharge Name	Mr. Kamlesh Kumar																		
Facility Incharge Email	kamlesh.kumar@manipal.edu																		
Facility Incharge Phone	9901249743																		
Yes																			
Annual Capital Expenditure (In Rupees)	125000																		
Annual Operational Expenditure (In Rupees)	500000																		
SWARM Robotics Cooperative Tasking of Multiple Mini Robots.	Pre-Incubation Centre	2018	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ms. Shwetha Vincent</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shweta.vincent@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>08202925442</td> </tr> </table>	Facility Incharge Name	Ms. Shwetha Vincent	Facility Incharge Email	shweta.vincent@manipal.edu	Facility Incharge Phone	08202925442	450 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>50000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>200000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	50000	Annual Operational Expenditure (In Rupees)	200000	No
Facility Incharge Name	Ms. Shwetha Vincent																		
Facility Incharge Email	shweta.vincent@manipal.edu																		
Facility Incharge Phone	08202925442																		
Yes																			
Annual Capital Expenditure (In Rupees)	50000																		
Annual Operational Expenditure (In Rupees)	200000																		

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

MotoManipal Innovation in Electric Bikes	Pre-Incubation Centre	2018	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Augustine Barboza</td> </tr> <tr> <td>Facility Incharge Email</td> <td>a.barboza@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9343161904</td> </tr> </table>	Facility Incharge Name	Mr. Augustine Barboza	Facility Incharge Email	a.barboza@manipal.edu	Facility Incharge Phone	9343161904	540 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>125000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>500000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	125000	Annual Operational Expenditure (In Rupees)	500000	No
Facility Incharge Name	Mr. Augustine Barboza																		
Facility Incharge Email	a.barboza@manipal.edu																		
Facility Incharge Phone	9343161904																		
Yes																			
Annual Capital Expenditure (In Rupees)	125000																		
Annual Operational Expenditure (In Rupees)	500000																		
VISION - Centre for innovations in Virtual Reality for Medical Applications	Pre-Incubation Centre	2018	ICE 505	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Harisha K S</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hareesh.ks@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>08202925382</td> </tr> </table>	Facility Incharge Name	Dr. Harisha K S	Facility Incharge Email	hareesh.ks@manipal.edu	Facility Incharge Phone	08202925382	540 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>22500</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>90000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	22500	Annual Operational Expenditure (In Rupees)	90000	No
Facility Incharge Name	Dr. Harisha K S																		
Facility Incharge Email	hareesh.ks@manipal.edu																		
Facility Incharge Phone	08202925382																		
Yes																			
Annual Capital Expenditure (In Rupees)	22500																		
Annual Operational Expenditure (In Rupees)	90000																		
Aerial Wind Turbine Center for Innovative Floating Wind Turbines	Pre-Incubation Centre	2017	Aero Lab	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mr. Jayakrishnan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>jayakrishnan.r@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8970221602</td> </tr> </table>	Facility Incharge Name	Mr. Jayakrishnan	Facility Incharge Email	jayakrishnan.r@manipal.edu	Facility Incharge Phone	8970221602	450 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>125000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>500000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	125000	Annual Operational Expenditure (In Rupees)	500000	No
Facility Incharge Name	Mr. Jayakrishnan																		
Facility Incharge Email	jayakrishnan.r@manipal.edu																		
Facility Incharge Phone	8970221602																		
Yes																			
Annual Capital Expenditure (In Rupees)	125000																		
Annual Operational Expenditure (In Rupees)	500000																		
Mars Rover Manipal Manufacturing Innovative Rovers	Pre-Incubation Centre	2015	Automotive Workshops	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Navaneeth Krishna Vernekar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>navaneeth.kv@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8202925472</td> </tr> </table>	Facility Incharge Name	Navaneeth Krishna Vernekar	Facility Incharge Email	navaneeth.kv@manipal.edu	Facility Incharge Phone	8202925472	540 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>375000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>1500000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	375000	Annual Operational Expenditure (In Rupees)	1500000	No
Facility Incharge Name	Navaneeth Krishna Vernekar																		
Facility Incharge Email	navaneeth.kv@manipal.edu																		
Facility Incharge Phone	8202925472																		
Yes																			
Annual Capital Expenditure (In Rupees)	375000																		
Annual Operational Expenditure (In Rupees)	1500000																		
Advanced Microscopy for Tissue Characterization and Interrogating Proteins	Centre of Excellence with Advance Tools & Equipment	2017	Manipal School of Life Sciences, Planetarium Complex, Manipal 576 104	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K. Satyamoorthy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mlsc@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9845718604</td> </tr> </table>	Facility Incharge Name	Dr. K. Satyamoorthy	Facility Incharge Email	mlsc@manipal.edu	Facility Incharge Phone	9845718604	462 Sq. Ft.	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Annual Capital Expenditure (In Rupees)</td> <td>1400000</td> </tr> <tr> <td>Annual Operational Expenditure (In Rupees)</td> <td>100000</td> </tr> </table>	Yes		Annual Capital Expenditure (In Rupees)	1400000	Annual Operational Expenditure (In Rupees)	100000	No
Facility Incharge Name	Dr. K. Satyamoorthy																		
Facility Incharge Email	mlsc@manipal.edu																		
Facility Incharge Phone	9845718604																		
Yes																			
Annual Capital Expenditure (In Rupees)	1400000																		
Annual Operational Expenditure (In Rupees)	100000																		

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

Center for Managing Family Business	Research Park/Innovation Park	2016	Dept of Commerce, MIT Campus, Near 10th Block Hostel	Facility Incharge Name	Dr Mukesh H V	0 Sq. Ft.	No	Yes	
				Facility Incharge Email	mukesh.hv@manipal.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	5000
				Facility Incharge Phone	9844245852			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0
								Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	5000

### 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)
Centre for Software Development	Funding Agency	MAHE	Educational Institute	Yes	4738800
MSOIS Private Cloud	Funding Agency	MAHE	Educational Institute	No	---
Manipal Universal Technology Business Incubator	Funding Agency	NSTEDB	Govt. Agency (Central)	Yes	3168000
Manipal Government of Karnataka Bioincubator	Funding Agency	EDII, Ahmedabad	Govt. Agency (Central)	Yes	216000
Parikshit - Centre for Development of Nano Satellite (in collaboration with ISRO Bangalore)	Funding Agency	MAHE	Educational Institute	Yes	500000
Formula Manipal Combustion - Centre for Innovations in Aerodynamics and Low Cost Composite Structures	Funding Agency	MAHE	Educational Institute	Yes	1000000
Team Manipal Racing Centre for Innovations in Rugged Terrain Vehicles	Funding Agency	MAHE	Educational Institute	Yes	1500000
AeroMIT - Centre for UAV and Drones for Agricultural and Disaster Management Applications	Funding Agency	MAHE	Educational Institute	Yes	1075000
RoboManipal Innovations in multidegree robotics and robotic arms	Funding Agency	MAHE	Educational Institute	Yes	570000
Solar Mobil - Centre for Innovation and Development in Solar powered Car	Funding Agency	MAHE	Educational Institute	Yes	2750000
Project Manas - Advances in Artificial Intelligence for Autonomous Vehicles	Funding Agency	MAHE	Educational Institute	Yes	1320000
Formula Manipal Electric - Developing fully electric vehicles and innovations in battery management	Funding Agency	MAHE	Educational Institute	Yes	800000
Rugved Centre for Deveoping Defense Systems and Vehicles	Funding Agency	MAHE	Educational Institute	Yes	2050000
ThrustMIT - Developing Advanced Sounding Rockets for Weather Forecasting	Funding Agency	MAHE	Educational Institute	Yes	1700000

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

Dron Aid Development of Medical Drones	Funding Agency	MAHE	Educational Institute	Yes	500000
SWARM Robotics Cooperative Tasking of Multiple Mini Robots.	Funding Agency	MAHE	Educational Institute	Yes	200000
MotoManipal Innovation in Electric Bikes	Funding Agency	MAHE	Educational Institute	Yes	500000
VISION - Centre for innovations in Virtual Reality for Medical Applications	Funding Agency	MAHE	Educational Institute	Yes	90000
Aerial Wind Turbine Center for Innovative Floating Wind Turbines	Funding Agency	MAHE	Educational Institute	Yes	500000
CENTER FOR DRUG DELIVERY TECHNOLOGIES	Funding Agency	1. Steer Life, Bangalore 2.Life Scient, USA	Corporate / Industry Association	Yes	939000
CENTRE FOR TOXICOVIGILANCE AND DRUG SAFETY	Funding Agency	1. IDRS Lab Pvt Ltd 2. Larenon Healthcare Pvt Ltd 3. Sydney University	Corporate / Industry Association	Yes	2700000
Mars Rover Manipal Manufacturing Innovative Rovers	Funding Agency	MAHE	Educational Institute	Yes	1500000

## 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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Drug Delivery via Intraocular Lens for Post Cataract Treatment	Manipal Universal Technology Business Incubator	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2017	Non-IP / Non-Patented Technology	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/Innovations Development by Centre (In Rupees)  90000	No	Yes  Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)  90000

**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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?															
<table border="1"> <thead> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Joyce Pinto</td> <td>Student</td> <td>Female</td> <td>joyce.pinto17@gmail.com</td> <td>7795631971</td> </tr> </tbody> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	Joyce Pinto	Student	Female	joyce.pinto17@gmail.com	7795631971
Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Joyce Pinto	Student	Female	joyce.pinto17@gmail.com	7795631971																					
<table border="1"> <thead> <tr> <th colspan="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Bharat Raja Guru</td> <td>Faculty</td> <td>Male</td> <td>bharathrguru@gmail.com</td> <td>9845628940</td> </tr> </tbody> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Bharat Raja Guru	Faculty	Male	bharathrguru@gmail.com	9845628940
Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Bharat Raja Guru	Faculty	Male	bharathrguru@gmail.com	9845628940																					
Portable water extractor from Snow and Sea water	Manipal Universal Technology Business Incubator	TRL 0 : Idea. Unproven concept, no testing has been performed.	Alumni Entrepreneur	2017	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>150000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	150000	No	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td></tr> <tr><td>150000</td></tr> </table>	Yes	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	150000									
Yes																									
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																									
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Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)																									
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<table border="1"> <thead> <tr> <th colspan="5">Principal Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Ishani Dutta</td> <td>Alumni Entrepreneur</td> <td>Female</td> <td>duttaishani@yahoo.com</td> <td>9035245485</td> </tr> </tbody> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	Ishani Dutta	Alumni Entrepreneur	Female	duttaishani@yahoo.com	9035245485
Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Ishani Dutta	Alumni Entrepreneur	Female	duttaishani@yahoo.com	9035245485																					
<table border="1"> <thead> <tr> <th colspan="5">Co-Innovator</th> </tr> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Shrihari Upadhyaya</td> <td>Faculty</td> <td>Male</td> <td>ys.upadhyaya@manipal.edu</td> <td>9449104525</td> </tr> </tbody> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Shrihari Upadhyaya	Faculty	Male	ys.upadhyaya@manipal.edu	9449104525
Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Shrihari Upadhyaya	Faculty	Male	ys.upadhyaya@manipal.edu	9449104525																					

**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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
BioLarvicide	Manipal Universal Technology Business Incubator	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Alumni Entrepreneur	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 2 : Technology formulation. Concept and application have been formulated.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  190000	No	Yes  Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)  190000
<b>Principal Innovator</b>										
Name				Type		Gender		Email		Contact
Prachetha Shetty				Alumni Entrepreneur		Female		prachethashetty@gmail.com		9632750340
<b>Co-Innovator</b>										
Name				Type		Gender		Email		Contact
Arun Shanbhag				Faculty		Male		arun.shanbhag@manipal.edu		79349784278



**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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?						
Electromechanical cleaning and drying of paddy	Manipal Universal Technology Business Incubator	TRL 0 : Idea. Unproven concept, no testing has been performed.	Alumni Entrepreneur	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>180000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	180000	No	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td></tr> <tr><td>180000</td></tr> </table>	Yes	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	180000
Yes																
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																
180000																
Yes																
Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)																
180000																
<b>Principal Innovator</b>																
				<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>						
				Deepen Solanki		Student		Male		solanki.deepen@gmail.com						
										9964353096						
<b>Co-Innovator</b>																
				<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>						
				Arun Shanbhag		Faculty		Male		arun.shanbhag@manipal.edu						
										734984278						

**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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
					IP / Patented Technology	Applied for Patent					
Aspiration Syringe puller	Manipal Universal Technology Business Incubator	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Alumni Entrepreneur	2018	IP / Patented Technology	Yes	Completed and Commercialize as Satrap/Company	TRL 5 : Large scale prototype tested in intended environment.	Yes	No	Yes
					Applied for Patent				Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)
					Patent Application No	MNP L-DP-IPO-008 & MNP L-NPA-IPO-033			180000		180000
					Year of Patent Application	2018					
<b>Principal Innovator</b>											
Name				Type		Gender		Email		Contact	
Tanushree Jain				Student		Female		tanushree02jain@gmail.com		8197565797	
<b>Co-Innovator</b>											
Name				Type		Gender		Email		Contact	
Arun Shanbhag				Faculty		Male		arun.sganbhag@manipal.edu		7349784278	

**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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
QME5	Manipal Universal Technology Business Incubator	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovator/Entrepreneur External to Institute	2018	Non-IP / Non-Patented Technology	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/Innovations Development by Centre (In Rupees)  16000	No	Yes  Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)  16000
<b>Principal Innovator</b>										
Name		Type		Gender		Email		Contact		
Rakesh Kothari		Innovator/Entrepreneur External to Institute		Male		rakeshmk000@gmail.com		7899395293		
<b>Co-Innovator</b>										
Name		Type		Gender		Email		Contact		
Shrihari Upadhyaya		Faculty		Male		ys.Upadhyaya@manipal.edu		9449104525		

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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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?						
Expedition	Manipal Universal Technology Business Incubator	TRL 0 : Idea. Unproven concept, no testing has been performed.	Alumni Entrepreneur	2017	Non-IP / Non-Patented Technology	Completed and Commercialize as Satrap/Company	TRL 6 : Prototype system tested in intended environment close to expected performance.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>60000</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	60000	No	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)</td></tr> <tr><td>60000</td></tr> </table>	Yes	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)	60000
Yes																
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																
60000																
Yes																
Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)																
60000																
<b>Principal Innovator</b>																
Name				Type		Gender		Email		Contact						
Anup Kayande				Alumni Entrepreneur		Male		arkayande@gmail.com		9637573532						
<b>Co-Innovator</b>																
Name				Type		Gender		Email		Contact						
Suarabh Bhandare				Student		Male		arkayande@gmail.com		9637573532						

**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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Automated Farming	Manipal Universal Technology Business Incubator	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Alumni Entrepreneur	2017	Non-IP / Non-Patented Technology	Completed and Ready for Commercialization/Incubation	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes  Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)  150000	No	Yes  Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)  150000
<b>Principal Innovator</b>										
Name				Type		Gender		Email		Contact
Vaibhav Thacker				Alumni Entrepreneur		Male		vaibhavthacker95@gmail.com		7975638109
<b>Co-Innovator</b>										
Name				Type		Gender		Email		Contact
Prachetha Shetty				Alumni Entrepreneur		Female		prachethashetty@gmail.com		9632750340

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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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?			
VISINT Healthcare	Manipal Universal Technology Business Incubator	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty	2018	IP / Patented Technology	Graduated from Institute/Centre and Pursuing on Ow	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	Yes			
					Applied for Patent						Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees)
					Patent Application No						E-6/23/2018/CHE	800000	800000
					Year of Patent Application								
<b>Principal Innovator</b>													
Name				Type		Gender		Email		Contact			
Dr. Ramesh S Ve				Faculty		Male		ramesh.sve@manipal.edu		8861330950			
<b>Co-Innovator</b>													
Name				Type		Gender		Email		Contact			
Dr. Krtica				Faculty		Female		skrithica@yahoo.com		8861330950			
InnoVendSmart vending Machine	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No			
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)					
								0					

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LACTOSANS THE BLOAT FREE MILK	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Akhil Jain			Student		Male		aj080796@gmail.com		8310825032	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Arun Shanbhag			Faculty		Male		arun.shanbhag@mail.com		7349784278	
	Idea Cafe	TRL 2 : Technology formulation. Concept and application have been formulated.	Faculty and Student	2017	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Yes Total Seed Fund/Angel Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 3222	No	Yes Total Seed Fund/Angel Investment/VC Fund raised by Idea/Prototype/Innovations during the period of pre-incubation/incubation support at your Pre-incubation/incubation or institute financial period 2018-19 (in Rupees) 3222	
LACTOSANS THE BLOAT FREE MILK	<b>Principal Innovator</b>										
	Name			Type		Gender		Email		Contact	
	KOTESHWARA ANANTHAMURTHY			Student		Male		anandha12@gmail.com		8939154727	
	<b>Co-Innovator</b>										
	Name			Type		Gender		Email		Contact	
	Dr. JESIL MATHEW			Faculty		Male		jesil.m@manipal.edu		9342405959	

**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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?							
InnoVend-Smart vending Machine	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No							
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)									
								11984.6									
								<b>Principal Innovator</b>									
			<b>Name</b>			<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Akhil Jain			Student			Male			aj080796@gmail.com			8310825032					
<b>Co-Innovator</b>																	
			<b>Name</b>			<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Arun Shanbhag			Faculty			Male			arun.shanbhag@manipal.edu			7349784278					
Silovation Warehouse Management	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No							
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)									
								13709.73									



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<table border="1"> <thead> <tr> <th colspan="5" data-bbox="302 421 2190 480">Principal Innovator</th> </tr> <tr> <th data-bbox="302 480 857 523">Name</th> <th data-bbox="857 480 1189 523">Type</th> <th data-bbox="1189 480 1523 523">Gender</th> <th data-bbox="1523 480 1859 523">Email</th> <th data-bbox="1859 480 2190 523">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="302 523 857 566">Tanusha Goswami</td> <td data-bbox="857 523 1189 566">Student</td> <td data-bbox="1189 523 1523 566">Female</td> <td data-bbox="1523 523 1859 566">tanusha1996@gmail.com</td> <td data-bbox="1859 523 2190 566">9663604457</td> </tr> </tbody> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	Tanusha Goswami	Student	Female	tanusha1996@gmail.com	9663604457
Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Tanusha Goswami	Student	Female	tanusha1996@gmail.com	9663604457																					
<table border="1"> <thead> <tr> <th colspan="5" data-bbox="302 596 2190 651">Co-Innovator</th> </tr> <tr> <th data-bbox="302 651 857 694">Name</th> <th data-bbox="857 651 1189 694">Type</th> <th data-bbox="1189 651 1523 694">Gender</th> <th data-bbox="1523 651 1859 694">Email</th> <th data-bbox="1859 651 2190 694">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="302 694 857 737">Deepen Solanki</td> <td data-bbox="857 694 1189 737">Student</td> <td data-bbox="1189 694 1523 737">Male</td> <td data-bbox="1523 694 1859 737">solanki.deepen@gmail.com</td> <td data-bbox="1859 694 2190 737">9964353096</td> </tr> </tbody> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Deepen Solanki	Student	Male	solanki.deepen@gmail.com	9964353096
Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Deepen Solanki	Student	Male	solanki.deepen@gmail.com	9964353096																					
Krishi Bot for small Farmers (Birac Ignition Grant)	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1"> <tr> <td data-bbox="1646 767 1816 810">Yes</td> </tr> <tr> <td data-bbox="1646 810 1816 1034">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1646 1034 1816 1077">15374</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	15374	No	No												
Yes																									
Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)																									
15374																									
<table border="1"> <thead> <tr> <th colspan="5" data-bbox="302 1096 2190 1150">Principal Innovator</th> </tr> <tr> <th data-bbox="302 1150 857 1193">Name</th> <th data-bbox="857 1150 1189 1193">Type</th> <th data-bbox="1189 1150 1523 1193">Gender</th> <th data-bbox="1523 1150 1859 1193">Email</th> <th data-bbox="1859 1150 2190 1193">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="302 1193 857 1236">Vaibhav Thacker</td> <td data-bbox="857 1193 1189 1236">Student</td> <td data-bbox="1189 1193 1523 1236">Male</td> <td data-bbox="1523 1193 1859 1236">vaibhavthacker95@gmail.com</td> <td data-bbox="1859 1193 2190 1236">7259624308</td> </tr> </tbody> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	Vaibhav Thacker	Student	Male	vaibhavthacker95@gmail.com	7259624308
Principal Innovator																									
Name	Type	Gender	Email	Contact																					
Vaibhav Thacker	Student	Male	vaibhavthacker95@gmail.com	7259624308																					
<table border="1"> <thead> <tr> <th colspan="5" data-bbox="302 1272 2190 1326">Co-Innovator</th> </tr> <tr> <th data-bbox="302 1326 857 1369">Name</th> <th data-bbox="857 1326 1189 1369">Type</th> <th data-bbox="1189 1326 1523 1369">Gender</th> <th data-bbox="1523 1326 1859 1369">Email</th> <th data-bbox="1859 1326 2190 1369">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="302 1369 857 1412">Akhil Jain</td> <td data-bbox="857 1369 1189 1412">Student</td> <td data-bbox="1189 1369 1523 1412">Male</td> <td data-bbox="1523 1369 1859 1412">aj080796@gmail.com</td> <td data-bbox="1859 1369 2190 1412">8310825032</td> </tr> </tbody> </table>											Co-Innovator					Name	Type	Gender	Email	Contact	Akhil Jain	Student	Male	aj080796@gmail.com	8310825032
Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Akhil Jain	Student	Male	aj080796@gmail.com	8310825032																					

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Revolden (A toothbrush for the mentally and the physically challenged)	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No							
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)									
								9815.17									
								<b>Principal Innovator</b>									
			<b>Name</b>			<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Jaskirat Kaur			Student			Female			jaskirat4kaur@gmail.com			9241065644					
			<b>Co-Innovator</b>														
			<b>Name</b>			<b>Type</b>			<b>Gender</b>			<b>Email</b>			<b>Contact</b>		
Ayushman Choudhuri			Student			Male			ayushc205@gmail.com			9482343658					
Ampoule Cutter	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No							
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)									
								7019									

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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5" data-bbox="302 421 2206 480">Principal Innovator</th> </tr> <tr> <th data-bbox="302 480 857 523">Name</th> <th data-bbox="857 480 1189 523">Type</th> <th data-bbox="1189 480 1525 523">Gender</th> <th data-bbox="1525 480 1861 523">Email</th> <th data-bbox="1861 480 2206 523">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="302 523 857 566">Atishay Jain</td> <td data-bbox="857 523 1189 566">Student</td> <td data-bbox="1189 523 1525 566">Male</td> <td data-bbox="1525 523 1861 566">atishay.jainofficials@gmail.com</td> <td data-bbox="1861 523 2206 566">9802694272</td> </tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="5" data-bbox="302 592 2206 651">Co-Innovator</th> </tr> <tr> <th data-bbox="302 651 857 694">Name</th> <th data-bbox="857 651 1189 694">Type</th> <th data-bbox="1189 651 1525 694">Gender</th> <th data-bbox="1525 651 1861 694">Email</th> <th data-bbox="1861 651 2206 694">Contact</th> </tr> </thead> <tbody> <tr> <td data-bbox="302 694 857 737">Prateek Kapoor</td> <td data-bbox="857 694 1189 737">Student</td> <td data-bbox="1189 694 1525 737">Male</td> <td data-bbox="1525 694 1861 737">prateek.kapoor6@gmail.com</td> <td data-bbox="1861 694 2206 737">8900144615</td> </tr> </tbody> </table>											Principal Innovator					Name	Type	Gender	Email	Contact	Atishay Jain	Student	Male	atishay.jainofficials@gmail.com	9802694272	Co-Innovator					Name	Type	Gender	Email	Contact	Prateek Kapoor	Student	Male	prateek.kapoor6@gmail.com	8900144615
Principal Innovator																																								
Name	Type	Gender	Email	Contact																																				
Atishay Jain	Student	Male	atishay.jainofficials@gmail.com	9802694272																																				
Co-Innovator																																								
Name	Type	Gender	Email	Contact																																				
Prateek Kapoor	Student	Male	prateek.kapoor6@gmail.com	8900144615																																				
Q21-Indigenous Oxygen-Air blender	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td data-bbox="1646 767 1816 810">Yes</td> </tr> <tr> <td data-bbox="1646 810 1816 1034">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1646 1034 1816 1077">23006</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	23006	No	No																											
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Principal Innovator																																								
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Weather Station	Co-working Space	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								3502		
								<b>Principal Innovator</b>		
Name			Type		Gender		Email		Contact	
Saurabh Pareek			Student		Male		saurabhpareek0000@gmail.com		8073203511	
<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact	
Trisha Celine Anil			Student		Female		trishaviking@gmail.com		7337815999	
Hand Grip Dynamometer	Co-working Space	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Yes	No	No
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								3857.45		

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Maze solver	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td>Yes</td> </tr> <tr> <td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td>827</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	827	No	No												
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Air Inflated Paper Bedpan	Idea Cafe	TRL 0 : Idea. Unproven concept, no testing has been performed.	Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>408</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	408	No	No
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408													
<b>Principal Innovator</b>													
			<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>				
			Vinish V		Faculty		Male		vinish.v@manipal.edu				
<b>Co-Innovator</b>													
			<b>Name</b>		<b>Type</b>		<b>Gender</b>		<b>Email</b>				
			Shrihari Upadhyaya		Faculty		Male		ys.upadhyaya@manipal.edu				
PhysioBand	Idea Cafe	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr><td>Yes</td></tr> <tr><td>Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td></tr> <tr><td>1619</td></tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	1619	No	No
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Name	Type	Gender	Email	Contact																					
Dr. Arun Shanbhag	Faculty	Male	arun.shanbhag@manipal.edu	7349784278																					
Revox, Converting IC Scooters to E scooters	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td data-bbox="1646 767 1816 810">Yes</td> </tr> <tr> <td data-bbox="1646 810 1816 1066">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1646 1066 1816 1074">0</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	0	No	No												
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Co-Innovator																									
Name	Type	Gender	Email	Contact																					
Suyog Wagh	Student	Male	suyogwagh04@gmail.com	7506866138																					

**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/Incubation 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/Innovations 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 Incubation Centre/institute received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
Portable Dental X ray Scanner	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								937		
								<b>Principal Innovator</b>		
Name			Type		Gender		Email		Contact	
Saurabh Pareek			Student		Male		saurabhpareek0000@gmail.com		8073203511	
<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact	
Trisha Celine Anil			Student		Female		trishaviking@gmail.com		7337815999	
Plastic Shredding Machine	Makerspace Space Lab	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2019	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								2156		

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Dhadkan The wireless stethoscope	Idea Cafe	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Yes</td> </tr> <tr> <td style="text-align: center;">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td style="text-align: center;">5000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	5000	No	No																																							
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Smartphone based optical microscope using BLIPS lens for disease diagnosis	Idea Cafe	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								5000		
								<b>Principal Innovator</b>		
Name			Type		Gender		Email		Contact	
Sama Khedgika			Student		Female		smkhdgkr4@gmail.com		9987832232	
<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact	
Dr Natarajan Manikandan			Faculty		Male		mani.kandan@manipal.edu		8202922533	
BioLarve Bio Larvicide to combat mosquito borne disease by terminating the source	Idea Cafe	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Yes	No	No
								Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)		
								5000		

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Name	Type	Gender	Email	Contact																																				
Prachetha Shetty	Student	Female	prachethashetty@gmail.com	9632750340																																				
Catalysts from waste and perovskites for Soot Oxidation, with higher oxygen storage capacity for subsequent carbon dioxide utilization.	Idea Cafe	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<table border="1"> <tr> <td data-bbox="1646 767 1816 810">Yes</td> </tr> <tr> <td data-bbox="1646 810 1816 1034">Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)</td> </tr> <tr> <td data-bbox="1646 1034 1816 1077">5000</td> </tr> </table>	Yes	Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees)	5000	No	No																											
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Principal Innovator																																								
Name	Type	Gender	Email	Contact																																				
Paritosh Kulkarni	Student	Male	pari2798@gmail.com	7972466829																																				
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EquaSmile A Wearable Technology For People With Facial Palsy	Idea Cafe	TRL 0 : Idea. Unproven concept, no testing has been performed.	Faculty and Student	2018	Non-IP / Non-Patented Technology	Still Under Development Process	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	<input type="checkbox"/> Yes <input type="checkbox"/> No Total Seed Grant/Fund Amount Disbursed to above Idea/Prototype/Innovations Development by Centre (In Rupees) 5000	No	No
<b>Principal Innovator</b>										
Name			Type		Gender		Email		Contact	
Sama Khedgikar			Student		Female		smkhdgkr4@gmail.com		9987832232	
<b>Co-Innovator</b>										
Name			Type		Gender		Email		Contact	
Dr Natarajan Manikandan			Faculty		Male		mani.kandan@manipal.edu		8202922533	

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

Name of Start-up Received Funding / Grant from Centre	Name of Centre	Year of Registration	Registered as	Start-up with Corporate Identification Number (CIN) Registration	Start-up Founded by	Type of Innovation	Current Status Pre-Incubation/Incubation Support Received	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2018-19	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Start-up during the financial period 2018-19?	Had the Start-up 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 Incubation Centre/institute Received any income/revenue from Start-up for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2018-19?
VISINT Healthcare Pvt. Ltd.	Manipal Universal Technology	2015-16	Private Limited	U85100KA2015P TC079809	Faculty		Graduated from Incubation	No	<input type="checkbox"/> Yes <input type="checkbox"/> No	No	<input type="checkbox"/> Yes <input type="checkbox"/> No

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<b>Founder</b>																						
Name		DIN Number		Type		Gender		Email		Contact												
S. V. Ramesh		07396723		Faculty		Male		ramesh.sve@manipal.edu		8861330950												
<b>Co-Founder</b>																						
Name		DIN Number		Type		Gender		Email		Contact												
Dr. Krtica		07396730		Faculty		Female		skrithica@yahoo.com		8861330950												

## 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	Entrepreneurship Development Cell Venture Center Pune	Pre-incubation,Mentoring,Networking,Seed fund	8	02-01-2017

## Technology Commercialization / Transfer

Name of Technology Licenced / Transferred /	Technology Type	Type of Transfer	Patent / Licence Number	Patent / Licence Holder	Centre / Department of Origin of Licence	Licence Transferred to	Had institute spent expenses either from own resource/received fund to	Total Annual Income Received
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## Technology Commercialization / Transfer

Commercialized						organise the program/activity/event?	from Technology Transfer/Licensing (In Rupees)																			
A FORMULATION OF DIETARY SUPPLEMENT FOR GLYCEMIC CONTROL IN PREDIABETICS AND PATIENTS WITH TYPE 2 DIABETES	IP/Patented Technology	Licensing with Royalty Sharing	201741001752	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Manipal Academy of Higher Education</td> </tr> <tr> <td>Contact number of license holder</td> <td>9880130878</td> </tr> <tr> <td>Email of Licence holder</td> <td>techtransfer.mu@manipal.edu</td> </tr> <tr> <td>Gender</td> <td>Institute</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Manipal Academy of Higher Education	Contact number of license holder	9880130878	Email of Licence holder	techtransfer.mu@manipal.edu	Gender	Institute	Manipal Academy of Higher Education	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Start-up</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Rajalaxmi Govinda Variar Research and Innovations Pvt Ltd Bengaluru</td> </tr> <tr> <td>Address of Agency</td> <td>Bengaluru</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9886651274</td> </tr> <tr> <td>Email of Agency</td> <td>sarasija_s@hotmail.com</td> </tr> </table>	Licence Transferred to	Start-up	Name of Industry/Start-up/Agency Received License/Technology	Rajalaxmi Govinda Variar Research and Innovations Pvt Ltd Bengaluru	Address of Agency	Bengaluru	Contact Number of Agency	9886651274	Email of Agency	sarasija_s@hotmail.com	Yes	8000
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METHOD SYSTEM AND APPARATUS FOR DISPENSATION OF THE CRYOGEN	IP/Patented Technology	One-time transfer/Licensing	349	<table border="1"> <tr> <td>Patent/Licence Holder name (Institute Co-ownership is Must)</td> <td>Manipal Academy of Higher Education</td> </tr> <tr> <td>Contact number of license holder</td> <td>9880130878</td> </tr> <tr> <td>Email of Licence holder</td> <td>techtransfer.mu@manipal.edu</td> </tr> <tr> <td>Gender</td> <td>Institute</td> </tr> </table>	Patent/Licence Holder name (Institute Co-ownership is Must)	Manipal Academy of Higher Education	Contact number of license holder	9880130878	Email of Licence holder	techtransfer.mu@manipal.edu	Gender	Institute	Manipal Academy of Higher Education	<table border="1"> <tr> <td>Licence Transferred to</td> <td>Other organisation/ Agency</td> </tr> <tr> <td>Name of Industry/Start-up/Agency Received License/Technology</td> <td>Ms Ritika Sharma</td> </tr> <tr> <td>Address of Agency</td> <td>Delhi</td> </tr> <tr> <td>Contact Number of Agency</td> <td>9711388923</td> </tr> <tr> <td>Email of Agency</td> <td>ritikasharma250494@gmail.com</td> </tr> </table>	Licence Transferred to	Other organisation/ Agency	Name of Industry/Start-up/Agency Received License/Technology	Ms Ritika Sharma	Address of Agency	Delhi	Contact Number of Agency	9711388923	Email of Agency	ritikasharma250494@gmail.com	Yes	11800
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Responsibility for accuracy and authenticity of data lies with the concerned institution.