



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

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

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Manipal Universal Technology Business Incubator Manipal Government of Karnataka Bioincubator	Incubation Unit	IT, Renewable energy, MEMS & Nanotechnology, agriculture	At all level	Not Allowed	200	2	2
2	GoK Bioincubator	Incubation Unit	Biopharma, Biomedical Devices, Dental Innovation, Biotech, Diagnosis, Medical Healthcare	At all level	Not Allowed	450	0	4
3	Designs in Wood	Pre-incubation unit	Designing Products in Wood	UG / PG / PhD	Both	25	2	1
4	Centre for Software Development	Industry Institute Interface Unit	Departmental/healthcare unit Workflow Automation, Inter-discipline Research projects support, ERP support for University operations	At all level	Technical	6	6	16
5	Office of Corporate Relations	Industry Institute Interface Unit	Connect with corporates and support technology commercialization	At all level	Not Allowed	0	0	2
6	Center for Managing Family Business	Research Unit / Park	Student entrepreneurship and family business management	UG / PG / PhD	Non-Technical	100	1	1
7	Technology Transfer Office, Directorate of Research	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Intellectual Property Rights	At all level	Not Allowed	500	1	2
8	Manipal School of Life Sciences	Academic Department with lab facility	Life Sciences	UG / PG / PhD	Both	398	54	6
9	Medical Genetics Central Research Laboratory	Academic Department with lab facility	Medical Genetics	UG / PG / PhD	Both	21	8	5
10	Centre for Clinical Anthropometry	Centre of Excellence with Advance Tools & Equipment	Anthropometry	At all level	Non-Technical	4	1	0

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11	Centre for Wilderness Medicine	Academic Department with lab facility	Emergency Medicine, expedition medicine, wilderness medicine, research and medical education training at all levels,	Not Allowed	Not Allowed	150	3	0
12	Centre for Balance Disorders	Academic Department with lab facility	Multidisciplinary - Balance Disorders	UG / PG / PhD	Not Allowed	0	3	1
13	Centre for Excellence in Inborn Errors of Metabolism	Centre of Excellence with Advance Tools & Equipment	Screening Inborn Errors of Metabolism	UG / PG / PhD	Non-Technical	51	15	6
14	Manipal Institute of Regenerative Medicine	Academic Department with lab facility	Stem Cell Technologies and Regenerative Biology	UG / PG / PhD	Both	45	11	12
15	Toxicovigilance and Drug Safety Center	Centre of Excellence with Advance Tools & Equipment	Toxicovigilance & Drug Safety	At all level	Technical	15	10	0
16	Centre for Consultancy Training Corporate Interface	Industry Institute Interface Unit	Consultancy Training	At all level	Both	1300	6	0
17	Parikshit - Centre for Development of Nano Satellite (in collaboration with ISRO Bangalore) - 2007	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	24	5	2
18	Formula Manipal Combustion - Centre for Innovations in Aerodynamics and Low-Cost Composite Structures - 2008	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	29	5	2
19	Team Manipal Racing - Centre for Innovations in Rugged Terrain Vehicles - 2009	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	22	5	2
20	AeroMIT - Centre for UAV and Drones for Agricultural and Disaster Management Applications - 2009	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	35	5	2
21	RoboManipal - Innovations in multidegree robotics and robotic arms - 2010	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	30	5	2
22	Solar Mobil - Centre for Innovation and Development in Solar-powered Car - 2012	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	31	5	2
23	Project Manas - Advances in Artificial Intelligence for Autonomous Vehicles 2014	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	60	5	2
24	Mars Rover Manipal -Manufacturing Innovative Rovers 2015	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	33	5	2
25	Formula Manipal Electric - Developing fully electric vehicles and innovations in battery management 2016	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	26	5	2
26	Rugved - Centre for Deveoping Defense Systems and Vehicles 2016	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	40	5	2
27	ThrustMIT - Developing Advanced Sounding Rockets for Weather Forecasting 2016	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	40	5	2
28	Dron Aid - Development of Medical Drones 2017	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	30	5	2

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29	SWARM Robotics - Cooperative Tasking of Multiple Mini Robots 2018	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	10	5	2
30	MotoManipal - Innovation in Electric Bikes 2018	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	28	5	2
31	VISION - Centre for innovations in Virtual Reality for Medical Applications 2018	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	40	5	2
32	Aerial Wind Turbine -Center for Innovative Floating Wind Turbines 2017	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	10	5	2
33	Biomachines-Center for innovation in Biomachines	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	40	5	2
34	Loop mit.-Center for innovation in Hyper loop system 2019	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	25	5	2
35	Team Cryptonite-center for innovation in the field of cyber security 2019	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	30	6	2
36	Team combat robotics-center for innovation in destructive and ballastic bots	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	30	5	2
37	Robotica circuits-center for innovation in the field of Robotics system 2010	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	30	5	2
38	Project AUV Manipal-center for developing Autonomous underwater vehicles	Pre-incubation unit	Student Innovation	UG / PG / PhD	Not Allowed	25	5	2
39	Immunohematology and Blood Transfusion, KMC, Manipal	Academic Department with lab facility	Transfusion Medicine, Immunohematology, Clinical Transfusion Service, Blood Banking	UG / PG / PhD	Both	2	5	19
40	Manipal- Schrodinger Center for Molecular Simulations	Centre of Excellence with Advance Tools & Equipment	Drug design	UG / PG / PhD	Technical	125	50	23
41	Centre for Drug Delivery Technologies	Industry Institute Interface Unit	Pharmaceutical dosage forms	UG / PG / PhD	Not Allowed	35	12	2
42	Critical care microbiology laboratory, Department of Microbiology, KMC, Manipal	Academic Department with lab facility	Microbiology	Not Allowed	Both	0	8	9
43	Department of Culinary Arts, Welcomgroup Graduate School of Hotel Administration	Academic Department with lab facility	Culinary, bakery, diet related, nutrition related, bakery and cookery start-ups	UG / PG / PhD	Technical	1400	45	120
44	Centre for Digital Learning	Academic Department with lab facility	Multidisciplinary Education Technology	At all level	Not Allowed	0	1	0
45	Rapid Prototyping Center	Pre-incubation unit	Innovation	At all level	Technical	125	3	3
46	Idea Cafe	Pre-incubation unit	Ideation and Innovation	At all level	Both	700	10	3
47	Makerspace Fab Lab	Pre-incubation unit	Prototype Development	At all level	Both	55	5	3
48	Co-working Excelerate	Pre-incubation unit	Innovation	At all level	Both	62	3	3

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49	Apple Creative Studio	Pre-incubation unit	iOS Software development	UG / PG / PhD	Technical	75	3	3
50	Central Instrumentation Facility	Research Unit / Park	Advanced Technologies	At all level	Technical	300	6	5
51	Advanced Composite Materials Testing Laboratory	Academic Department with lab facility	Aeronautical and Automobile Engineering	UG / PG / PhD	Technical	470	12	2
52	Biotechnology Laboratory	Academic Department with lab facility	Biotechnology	UG / PG / PhD	Technical	190	20	3
53	Chemical Engr Instrumentation Laboratory	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	50	4	1
54	Chemical Engr Research Laboratory	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	8	1	1
55	Chemical Engr Mass Transfer Laboratory	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	50	4	1
56	Chemical Engr Environmental Research Laboratory	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	50	2	1
57	Surveying Practice Laboratory	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	176	12	2
58	Strength of Materials Laboratory	Academic Department with lab facility	Civil Engineering and Structural engineering	UG / PG / PhD	Technical	200	14	3
59	Concrete and Highway Material Testing Laboratory	Academic Department with lab facility	Civil Engineering and Structural engineering	UG / PG / PhD	Technical	200	14	2
60	Environmental Engineering Laboratory	Academic Department with lab facility	Civil Engineering and Structural engineering	UG / PG / PhD	Technical	180	10	2
61	Soil Mechanics Laboratory	Academic Department with lab facility	Civil Engineering and Structural engineering	UG / PG / PhD	Technical	200	14	2
62	Structural Engineering Laboratory	Academic Department with lab facility	Civil Engineering and Structural engineering	UG / PG / PhD	Technical	200	14	2
63	High Performance Computing Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	70	4	2
64	Lighting and Measurements Laboratory	Academic Department with lab facility	Electrical and Electronics Engineering(UG), Energy Systems and Management (PG)	UG / PG / PhD	Technical	60	3	1
65	Process Control Laboratory	Academic Department with lab facility	Instrumentation and Control	UG / PG / PhD	Technical	120	8	1

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66	Renewable Energy Laboratory	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	120	4	1
67	Advanced Material Testing Laboratory - 2	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	120	15	1
68	Heat Engines Laboratory	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	300	6	2
69	Advanced Material Testing Laboratory - 1	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	60	12	1
70	Sensorics Laboratory	Academic Department with lab facility	Mechatronics	UG / PG / PhD	Technical	140	8	1
71	Programmable Logic Controller Laboratory	Academic Department with lab facility	Mechatronics	UG / PG / PhD	Technical	140	8	1
72	Hydraulics Pneumatics Laboratory	Academic Department with lab facility	Mechatronics	UG / PG / PhD	Technical	250	12	2
73	Modular Production System Laboratory	Academic Department with lab facility	Mechatronics	UG / PG / PhD	Technical	15	1	1
74	Robotics Laboratory	Academic Department with lab facility	Mechatronics	UG / PG / PhD	Technical	30	2	1
75	IIOT Lab Laboratory	Academic Department with lab facility	Mechatronics	UG / PG / PhD	Technical	30	2	1
76	Mechatronics Microcontroller Laboratory	Academic Department with lab facility	Mechatronics Engineering	UG / PG / PhD	Technical	30	2	2
77	Drives Control Laboratory	Academic Department with lab facility	Mechatronics	UG / PG / PhD	Technical	130	6	2
78	Color Science Laboratory	Academic Department with lab facility	Packaging Technology and Printing	UG / PG / PhD	Technical	60	2	1
79	Packaging Technology Laboratory	Academic Department with lab facility	Packaging Technology and Printing	UG / PG / PhD	Technical	60	2	1
80	PG Quality Testing Laboratory	Academic Department with lab facility	Printing and Packaging Technology	UG / PG / PhD	Technical	60	2	1
81	Automobile Transmission Machine shop	Academic Department with lab facility	Automobile Engineering(U G)	UG / PG / PhD	Technical	60	2	1
82	Computer Aided Design Laboratory	Academic Department with lab facility	Aeronautical and Automobile	UG / PG / PhD	Technical	36	1	1

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83	Avionics UG Automatic Flight Control PG Laboratory	Academic Department with lab facility	Aeronautical and Automobile	UG / PG / PhD	Technical	60	1	1
84	Vibration Acoustic Laboratory	Academic Department with lab facility	Aeronautical and Automobile	UG / PG / PhD	Technical	28	1	1
85	Aerodynamics Laboratory	Academic Department with lab facility	Aeronautics, Wind Energy, Civil & Architect	UG / PG / PhD	Technical	68	2	1
86	Propulsion Laboratory	Academic Department with lab facility	Aeronautics, Propulsion	UG / PG / PhD	Technical	68	2	1
87	Measurement and Instrumentation Laboratory	Academic Department with lab facility	Instrumentation and Control	UG / PG / PhD	Technical	340	2	1
88	Process Control and Automation Laboratory	Academic Department with lab facility	Instrumentation and Control	UG / PG / PhD	Technical	140	2	1
89	Virtual Instrumentation Laboratory	Academic Department with lab facility	Instrumentation and Control	UG / PG / PhD	Technical	200	4	1
90	Circuit Simulation and HDL Laboratory	Academic Department with lab facility	Instrumentation and Control	UG / PG / PhD	Technical	120	2	1
91	System Modeling and Simulation Laboratory	Academic Department with lab facility	Instrumentation and Control	UG / PG / PhD	Technical	5	1	1
92	Control System Design Laboratory	Academic Department with lab facility	Instrumentation and Control	UG / PG / PhD	Technical	5	1	1
93	Computer Graphics Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	210	2	1
94	Network Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	210	2	1
95	Language Processor Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	210	2	1
96	Operating Systems Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	210	2	1
97	Computer Science Project Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	210	2	1
98	Software Engineering Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	210	2	1
99	Computer Science Database Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	210	2	1

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100	Computer Science Research Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	9	2	1
101	Computer Science Programming Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	210	2	1
102	Computer Science Post-graduate Reserarch Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	210	2	1
103	Digital Systems Laboratory	Academic Department with lab facility	Computer Science & Engineering	UG / PG / PhD	Technical	210	2	1
104	Microcontrollers Laboratory	Academic Department with lab facility	Instrumentation & Control	UG / PG / PhD	Technical	140	6	1
105	Control Systems Simulation Laboratory	Academic Department with lab facility	Instrumentation & Control	UG / PG / PhD	Technical	140	8	1
106	Aerospace System Simulation Laboratory	Academic Department with lab facility	Instrumentation & Control	UG / PG / PhD	Technical	3	1	1
107	Space Dynamics Laboratory	Academic Department with lab facility	Instrumentation & Control	UG / PG / PhD	Technical	3	1	1
108	Numerical Methods for Trajectory Design Laboratory	Academic Department with lab facility	Instrumentation & Control	UG / PG / PhD	Technical	3	1	1
109	Analog Electronic Circuits Laboratory	Academic Department with lab facility	Instrumentation & Control	UG / PG / PhD	Technical	140	8	1
110	Logic Design Laboratory	Academic Department with lab facility	Instrumentation & Control	UG / PG / PhD	Technical	140	8	1
111	Centre for Fertility Preservation	Academic Department with lab facility	Fertility preservation in cancer affected children and young adults	UG / PG / PhD	Technical	10	7	3
112	Manipal Institute of Virology	Academic Department with lab facility	Diagnosis of Viral Diseases; Advanced Virus Research; Post graduation and Doctoral Programs in Virology	UG / PG / PhD	Both	23	4	46
113	Centre of Excellance in Biophotonics	Academic Department with lab facility	Screening for early detection of Cervical Cancer using Laser Spectroscopy techniques	UG / PG / PhD	Technical	15	11	9

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	No	Not Required

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

Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201811435
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	No	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Reaxys 2.0, a chemical database of Elsevier	Innovation	Mentoring Session	Institute Lead Activity	Manipal College of Pharmaceutical Sciences	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	20	10	0	0	30	No	No
2	Biological Drugs	Entrepreneurship/Startup, Innovation	Mentoring Session	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE, Manipal and Manipal-Government of Karnataka Bioincubator,	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	20	10	0	0	30	No	No
3	Pharmacodynamics Made Easy, A Workshop for Pharmacology Beginners	Innovation	Workshop	Institute Lead Activity	Manipal College of Pharmaceutical Sciences	13-02-2020 00:00:00	13-02-2020 00:00:00	1	Within Campus	20	15	0	0	35	No	No
4	Know your incubators	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Manipal Universal Technology Business Incubator	27-07-2019 00:00:00	27-07-2019 00:00:00	1	Within Campus	0	15	0	0	15	No	No

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5	Opportunities for Entrepreneurship in Biosciences P Somarajan, FIIT, IIT Delhi	Innovation	Awareness	Institute Lead Activity	Innovation Center	01-08-2019 00:00:00	01-08-2019 00:00:00	1	Within Campus	45	10	0	0	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No	
6	Foundation Course: Innovations in Medicine, KMC Manipal	Innovation	Seminar	Institute Lead Activity	KMC Manipal	08-08-2019 00:00:00	08-08-2019 00:00:00	1	Within Campus	125	3	0	0	128	No	No		
7	KMC Manipal Innovation Idea Competition	Innovation	Innovation Contest	Institute Lead Activity	Innovation Center	08-08-2019 00:00:00	23-08-2019 00:00:00	16	Within Campus	27	5	0	0	32	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	Award / Position / Recognition Secured	winner
																Title of Innovation / Start-up Secured the Award / Recognition	Colour-coding navigation system for patient visiting the KMC OPD	
																Award/Recognition/Achievement Received for		
8	Foundation Course: Innovations in Medicine, KMC Manipal	Innovation	Seminar	Institute Lead Activity	KMC Manipal	09-08-2019 00:00:00	09-08-2019 00:00:00	1	Within Campus	125	3	0	0	128	No	No		
9	Foundation Course: Innovations in Medicine & Opportunities for Students, KMC Mangalore	Innovation	Seminar	Institute Lead Activity	KMC Mangalore	14-08-2019 00:00:00	14-08-2019 00:00:00	1	Within Campus	250	5	0	0	255	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No	

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10	KMC Mangaluru Idea Competition	Innovation	Innovation Contest	Institute Lead Activity	KMC Mangalore	14-08-2019 00:00:00	24-08-2019 00:00:00	11	Within Campus	56	10	0	0	66	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	Award / Position / Recognition Secured	winner
																	Title of Innovation / Start-up Secured the Award / Recognition	Mind and You
																	Award/Recognition/Achievement Received for	
11	Hands-on Arduino Workshop	Innovation	Workshop	Institute Lead Activity	Innovation Center	20-08-2019 00:00:00	25-08-2019 00:00:00	6	Within Campus	40	1	0	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	75000	No	
12	Wearable Device Hackathon	Innovation	Hackathon	Institute Lead Activity	Innovation Center	12-09-2019 00:00:00	15-09-2019 00:00:00	4	Within Campus	68	15	0	0	83	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	136094	Award / Position / Recognition Secured	Winner
																	Title of Innovation / Start-up Secured the Award / Recognition	Helme-tech - Enhance injury and accident detection for emergency services in RTAs involving motorcycles
																	Award/Recognition/Achievement Received for	
13	MCOPS - Innovation Ideation Competition	Innovation	Ideation	Institute Lead Activity	Innovation Center	16-09-2019 00:00:00	24-09-2019 00:00:00	9	Within Campus	34	6	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25000	Award / Position / Recognition Secured	Winner
																	Title of Innovation / Start-up Secured the Award / Recognition	Bleed Better A Budget friendly Menstrual Cup
																	Award/Recognition/Achievement Received for	

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14	Hacking Cancer, Department of Oncology, KMC Manipal	Innovation	Ideation	Institute Lead Activity	Innovation Center	22-10-2019 00:00:00	24-10-2019 00:00:00	3	Within Campus	125	21	0	0	146	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2600	No						
15	Idea Competition Dept of Commerce	Innovation	Ideation	Institute Lead Activity	Innovation Center	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	31	5	0	0	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Agro Services</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Winner	Title of Innovation / Start-up Secured the Award / Recognition	Agro Services	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	Winner																						
Title of Innovation / Start-up Secured the Award / Recognition	Agro Services																						
Award/Recognition/Achievement Received for																							
16	Interaction With Entrepreneur Mr. Sharath Satyanarayana	Innovation	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	04-10-2019 00:00:00	04-10-2019 00:00:00	1	Within Campus	32	3	0	0	35	No	No							
17	Entrepreneurship and role of Incubators at WGSHA	Innovation	Seminar	Institute Lead Activity	Manipal GoK Bioincubator	14-10-2019 00:00:00	14-10-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No							
18	Innovation Day: Interaction with Entrepreneur Mr. Sandeep Patil	Innovation	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	20	3	0	0	23	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	850	No						
19	Insight On Entrepreneurship: IPR, Compliance and Company Registration	Innovation	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	22-10-2019 00:00:00	22-10-2019 00:00:00	1	Within Campus	6	23	0	0	29	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9415	No						

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20	MCODS Manipal - Innovation Ideation Competition	Innovation	Ideation	Institute Lead Activity	Innovation Center	02-09-2019 00:00:00	08-09-2019 00:00:00	7	Within Campus	12	4	0	0	16	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	Award / Position / Recognition Secured	Winner
21	Inspiring Innovation	Innovation	Workshop	Institute Lead Activity	KMC Manipal	04-11-2019 00:00:00	04-11-2019 00:00:00	1	Within Campus	35	10	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No	Monophobes - Evacuating Monomer from Dental Work Areas
22	Provenance 2019 - Idea Competition	Innovation	B-Plan Competitions	Institute Lead Activity	Innovation Center	02-01-2020 00:00:00	23-01-2020 00:00:00	22	Within Campus	95	11	0	0	106	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	65000	No	
23	Startup interaction with Dr. Anil Patel Purdue University	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	03-01-2020 00:00:00	03-01-2020 00:00:00	1	Within Campus	8	3	0	0	11	No		No	
24	Entrepreneurship and Innovation at MCODES, Manipal	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	05-01-2020 00:00:00	05-01-2020 00:00:00	1	Within Campus	60	0	0	0	60	No		No	
25	BIRAC BIG Process by Mr. P. Somarajan, FIIT, IIT Delhi	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Manipal Universal Technology Business Incubator	07-01-2020 00:00:00	07-01-2020 00:00:00	1	Within Campus	13	2	0	0	15	No		No	
26	Healthcare Innovation & Entrepreneurship - Dr. B. Ravi	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	09-01-2020 00:00:00	09-01-2020 00:00:00	1	Within Campus	15	5	0	0	20	No		No	

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

27	Session on K-tech Elevate and BIG scheme for Entrepreneurship	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	17-01-2020 00:00:00	17-01-2020 00:00:00	1	Within Campus	9	12	0	0	21	No	No	
28	Entrepreneurship and Innovation at Manipal College for Health Professionals	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	22-01-2020 00:00:00	22-01-2020 00:00:00	1	Within Campus	115	0	0	0	115	No	No	
29	Biological Drugs by Dr. Sudhakar Bangera	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	47	13	0	0	60	No	No	
30	Regulatory Landscape: One on One Mentoring, Dr Sudhakar Bangera	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Manipal Universal Technology Business Incubator	23-01-2020 00:00:00	23-01-2020 00:00:00	1	Within Campus	8	0	0	0	8	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10890	No
31	Unplugged – Ask me anything session on Innovation & Entrepreneurship; TAPMI	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Manipal Universal Technology Business Incubator	28-01-2020 00:00:00	28-01-2020 00:00:00	1	Within Campus	60	3	0	0	63	No	No	
32	Innovation, Entrepreneurship & Role of TBI to students - WGSHA	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	35	0	0	0	35	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
33	Accelerating Ideas to Startups: Introduction to Provenance Business Competition	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Innovation Center	11-02-2020 00:00:00	11-02-2020 00:00:00	1	Within Campus	48	3	0	0	51	No	No	

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

34	Innovation, Entrepreneurship and Role of TBI to students - WGSHA	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	11-02-2020 00:00:00	11-02-2020 00:00:00	1	Within Campus	35	0	0	0	35	No	No	
35	Innovation, Entrepreneurship and Role of TBI to students from WGSHA	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	12-02-2020 00:00:00	12-02-2020 00:00:00	1	Within Campus	35	0	0	0	35	No	No	
36	Pre-Pitch Mentoring Session for Applicants on BIRAC Biotechnology Ignition Grant (BIG) Scheme	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	12-02-2020 00:00:00	12-02-2020 00:00:00	1	Within Campus	0	4	0	0	4	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
37	Innovation, Entrepreneurship and Role of TBI to students from WGSHA	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal Universal Technology Business Incubator	13-02-2020 00:00:00	13-02-2020 00:00:00	1	Within Campus	25	0	0	0	25	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
38	Insight on Entrepreneurship: Hands on Workshop on IPR	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Manipal GoK Bioincubator	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	7	12	0	0	19	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2315	No
39	Make a Pitch – Open Session	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Innovation Center	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	0	3	0	0	3	No	No	
40	Innovation, Entrepreneurship and Role of TBI to M.Sc. students from MSLS	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal GoK Bioincubator	22-02-2020 00:00:00	22-02-2020 00:00:00	1	Within Campus	45	0	0	0	45	No	No	

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

41	Innovation, Entrepreneurship and Role of TBI to Ph.D students from MSLS	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal GoK Bioincubator	22-02-2020 00:00:00	22-02-2020 00:00:00	1	Within Campus	31	0	0	0	31	No	No								
42	KMC Mangaluru Ideathon 2020	Innovation	Ideation	Institute Lead Activity	Innovation Center	22-02-2020 00:00:00	22-02-2020 00:00:00	1	Within Campus	300	12	0	0	312	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>60000</td> </tr> </table>	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Making Vaccinations Affordable</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Winner	Title of Innovation / Start-up Secured the Award / Recognition	Making Vaccinations Affordable	Award/Recognition/Achievement Received for	
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000																							
Award / Position / Recognition Secured	Winner																							
Title of Innovation / Start-up Secured the Award / Recognition	Making Vaccinations Affordable																							
Award/Recognition/Achievement Received for																								
43	Innovation, Entrepreneurship and Role of TBI to B.Sc. Biotechnology VI Semester students from MSLS	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal GoK Bioincubator	24-02-2020 00:00:00	24-02-2020 00:00:00	1	Within Campus	15	0	0	0	15	No	No								
44	Innovation, Entrepreneurship and Role of TBI to M.Sc. Students IV Semester students from MSLS	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal GoK Bioincubator	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	28	0	0	0	28	No	No								
45	Innovation, Entrepreneurship and Role of TBI to Ph.D. scholars from MSLS	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal GoK Bioincubator	25-02-2020 00:00:00	25-02-2020 00:00:00	1	Within Campus	16	0	0	0	16	No	No								

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

46	Innovation, Entrepreneurship and Role of TBI to BiSeP Students students from MSLS	Innovation	Seminar	Institute Lead Activity	Manipal GoK Bioincubator	26-02-2020 00:00:00	26-02-2020 00:00:00	1	Within Campus	11	0	0	0	11	No	No							
47	Hands-on IoT Workshop for Absolute Beginners	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Innovation Center	27-02-2020 00:00:00	01-03-2020 00:00:00	4	Within Campus	5	5	0	0	10	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	No						
48	Innovation, Entrepreneurship, Technology and TBI to top Science Projects school students from across districts of Karnataka	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal GoK Bioincubator	27-02-2020 00:00:00	27-02-2020 00:00:00	1	Within Campus	24	3	0	0	27	No	No							
49	Biomedical Device Development and Validation	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Manipal GoK Bioincubator	28-02-2020 00:00:00	28-02-2020 00:00:00	1	Within Campus	29	6	0	0	35	No	No							
50	Innovation Festival, MAHE	Innovation	Innovation Contest	Institute Lead Activity	Innovation Center	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	46	11	0	0	57	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	83827	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>FlexMore</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Winner	Title of Innovation / Start-up Secured the Award / Recognition	FlexMore	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	Winner																						
Title of Innovation / Start-up Secured the Award / Recognition	FlexMore																						
Award/Recognition/Achievement Received for																							
51	NIDHI-EIR Mentoring Workshop	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Manipal GoK Bioincubator	02-03-2020 00:00:00	02-03-2020 00:00:00	1	Within Campus	13	5	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	22413	No						

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

52	Finance Made Easy - 1, Dr. Harish Joshi	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Innovation Center	03-03-2020 00:00:00	03-03-2020 00:00:00	1	Within Campus	45	3	0	0	48	No	No	
53	Intellectual Property Rights – Everything you always wanted to know	IPR	Seminar	Institute Lead Activity	Manipal GoK Biocubator	11-03-2020 00:00:00	11-03-2020 00:00:00	1	Within Campus	60	4	0	0	64	No	No	
54	Entrepreneurship Awareness and Motivation Program World Entrepreneur's Day	Entrepreneurship/Startup	Seminar	Institute Lead Activity	WGSMA	21-08-2019 00:00:00	21-08-2019 00:00:00	1	Within Campus	300	35	0	0	335	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10500	No
55	Finance Made Easy - 2, Dr. Harish Joshi	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Innovation Center	17-03-2020 00:00:00	17-03-2020 00:00:00	1	Within Campus	45	4	0	0	49	No	No	
56	How to get started in Innovation - Research Colloquium MAHE	Innovation	Seminar	Institute Lead Activity	Directorate of Research	01-04-2019 00:00:00	01-04-2019 00:00:00	1	Within Campus	250	25	0	7	282	No	No	
57	Entrepreneurship and Startup opportunities - BIRAC Expert Cmte Member Dr S Shriram, Sr VP Jananom	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Manipal School of Life Sciences	15-01-2020 00:00:00	15-01-2020 00:00:00	1	Within Campus	45	20	3	2	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
58	Innovation and Entrepreneurship	Innovation	Awareness	Institute Lead Activity	Dept of Mechatronics, MIT	24-08-2019 00:00:00	24-08-2019 00:00:00	1	Within Campus	80	2	0	0	82	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No

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

59	Entrepreneurship & Intellectual property creation, protection and Monetisation; Vijay Dhuller, CEO Safe Halo Products Bangalore	IPR	Awareness	Institute Lead Activity	Dept of Aero and Auto, MIT	17-10-2019 00:00:00	17-10-2019 00:00:00	1	Within Campus	180	4	0	0	184	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
60	Start-up initiatives of students as 'Final year projects	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Manipal Institute of Technology	06-12-2019 00:00:00	06-12-2019 00:00:00	1	Within Campus	64	2	0	0	66	No	No	
61	ICMR STS 2020"Preparing Students for ICMR STS 2020"	Entrepreneurship/Startup	Workshop	Institute Lead Activity	KMC Manipal	16-01-2020 00:00:00	16-01-2020 00:00:00	1	Within Campus	38	0	0	0	38	No	No	
62	Workshop on Copyright	IPR	Workshop	Institute Lead Activity	KMC Manipal	27-02-2020 00:00:00	27-02-2020 00:00:00	1	Within Campus	20	0	0	0	20	No	No	
63	Research Talk Series 2: T S Murali, PhD, Associate Professor	Innovation	Awareness	Institute Lead Activity	KMC Manipal	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	48	0	0	0	48	No	No	
64	Meet the Expert " My Journey in Innovation"	Innovation	Awareness	Institute Lead Activity	KMC Manipal	11-03-2020 00:00:00	11-03-2020 00:00:00	1	Within Campus	50	0	0	0	50	No	No	
65	Meet the Expert " Power of Curiosity"	Innovation	Awareness	Institute Lead Activity	KMC Manipal	13-03-2020 00:00:00	13-03-2020 00:00:00	1	Within Campus	50	0	0	0	50	No	No	

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

66	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, Manipal	01-05-2019 00:00:00	01-06-2019 00:00:00	32	Within Campus	0	0	0	36	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
67	6th International Congress of the Society for Ethnopharmacology	IPR, Innovation	Conference	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE, Manipal	02-08-2019 00:00:00	02-09-2019 00:00:00	32	Within Campus	70	30	310	190	600	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	170000	No
68	Molecular Docking, Virtual Screening & Computational Biology	IPR, Innovation	Workshop	Institute Lead Activity	Manipal College of Pharmaceutical Sciences, MAHE, Manipal	01-05-2019 00:00:00	01-05-2019 00:00:00	1	Within Campus	25	12	0	0	37	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
69	Pre-Conference Workshops of CPCON 2020	Innovation	Workshop	Institute Lead Activity	Manipal College of Pharmaceutical Sciences	10-01-2020 00:00:00	10-01-2020 00:00:00	1	Within Campus	10	10	40	20	80	No		No
70	Spectral Interpretation of New Chemical Entities	Innovation	Seminar	Institute Lead Activity	Manipal College of Pharmaceutical Sciences	16-01-2020 00:00:00	17-01-2020 00:00:00	2	Within Campus	15	10	0	0	25	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
71	Recent Advances in Herbal, Pharmacological and Clinical Research	Innovation	Workshop	Institute Lead Activity	Manipal College of Pharmaceutical Sciences	13-01-2020 00:00:00	25-01-2020 00:00:00	13	Within Campus	15	10	0	30	55	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No

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

72	Inaugural Function of AICTE Sponsored STTP on "Design of Experiments in New Pharmaceutical Formulations Development"	Innovation	Training	Institute Lead Activity	Manipal College of Pharmaceutical Sciences	20-01-2020 00:00:00	25-01-2020 00:00:00	6	Within Campus	15	15	10	40	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No
73	Journey towards Entrepreneurship and Entrepreneurship Opportunity in Medical Field	Entrepreneurship/Startup	Workshop	Student Lead Activity	Manipal College of Pharmaceutical Sciences	02-02-2020 00:00:00	02-02-2020 00:00:00	1	Within Campus	30	5	0	0	35	No	No	
74	Entrepreneurship Awareness Program	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell and Centre for Social Entrepreneurship	10-02-2020 00:00:00	10-02-2020 00:00:00	1	Within Campus	178	3	0	0	181	No	No	
75	Entrepreneurship Awareness Program	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell and Centre for Social Entrepreneurship	27-02-2020 00:00:00	27-02-2020 00:00:00	1	Within Campus	178	3	0	0	181	No	No	
76	How to Hack a Hackathon - Sandesh Manik	Innovation	Workshop	Institute Lead Activity	Innovation Center	23-10-2019 00:00:00	23-10-2019 00:00:00	1	Within Campus	125	11	0	5	141	No	No	

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

77	SIH Internal Hackathon 2020	Innovation	Hackathon	Institute Lead Activity	MIT Manipal	18-01-2020 00:00:00	18-01-2020 00:00:00	1	Within Campus	60	10	0	0	70	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	75333	Award / Position / Recognition Secured	Best Solutions
																Title of Innovation / Start-up Secured the Award / Recognition	Knowledge based mobile App for eProcurement SRM	
																Award/Recognition/Achievement Received for		
78	MIT Innovation Fest 2020	Innovation	Hackathon	Institute Lead Activity	MIT Manipal	07-02-2020 00:00:00	07-02-2020 00:00:00	1	Within Campus	16	5	0	0	21	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	25979	Award / Position / Recognition Secured	Best Innovation
																Title of Innovation / Start-up Secured the Award / Recognition	Ampoule Breaker Architectural Tiles from Waste	
																Award/Recognition/Achievement Received for		
79	First Year Orientation 2019	Entrepreneurship/Startup	Orientation Session	Institute Lead Activity	MIT Manipal	17-07-2019 00:00:00	22-07-2019 00:00:00	6	Within Campus	2200	70	0	0	2270	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	954239	No	

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

80	Manipal Hackathon 2019	Innovation	Hackathon	Institute Lead Activity	MIT Manipal	06-11-2019 00:00:00	08-11-2019 00:00:00	3	Within Campus	30	20	100	15	165	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	800000	Award / Position / Recognition Secured	First, second and third position
																Title of Innovation / Start-up Secured the Award / Recognition	First Place Debug, Pune Institute of Computer Technology , Second Place Hack O Holics, Pillai College of Engineering , Third PlaceHex O Satva, MIT Manipal	
																Award/Recognition/Achievement Received for		
81	Intellectual Property Rights: An Engineers primer to the new economy	IPR	Workshop	Institute Lead Activity	Department of Chemical Engineering	23-09-2019 00:00:00	24-09-2019 00:00:00	2	Within Campus	40	2	0	0	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No	
82	Seminar by Ms. Maithili Ganjoo on latest trends in Advertising industry	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of Media Technology	02-04-2019 00:00:00	02-04-2019 00:00:00	1	Within Campus	57	2	0	0	59	No		No	
83	Knowledge enhancement series Practical steps of Entrepreneurship	Entrepreneurship/Startup	Seminar	Institute Lead Activity	Department of Media Technology	26-08-2019 00:00:00	26-08-2019 00:00:00	1	Within Campus	40	11	0	0	51	No		No	
84	Knowledge enhancement Series: Plastics & Environment by Mr. Mattar Ramesh Kini	Innovation	Seminar	Institute Lead Activity	Department of Media Technology	03-10-2019 00:00:00	03-10-2019 00:00:00	1	Within Campus	36	3	0	0	39	No		No	

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

85	8th Manipal Media Congress 2020 - AICTE sponsored	Innovation	Conference	Institute Lead Activity	Department of Media Technology	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	22	9	2	5	38	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	274000	Award / Position / Recognition Secured	Best Research Paper (Research Scholar category), Best Research Paper (Student category)
Title of Innovation / Start-up Secured the Award / Recognition																	Modelling of cellulosic substrate related runability printability issues in dry tones based digital printing techniques (Best Research) Review on the various processes used in additive manufacturing industry (Student)	
Award/Recognition/Achievement Received for																		
86	IEEESB M Hackathon	Innovation	Hackathon	Institute Lead Activity	CSE	09-02-2020 00:00:00	10-02-2020 00:00:00	2	Within Campus	20	1	38	0	59	No	No	No	
87	Innovations in Kaavi Art	Innovation	Workshop	Institute Lead Activity	MSAP	22-01-2020 00:00:00	22-01-2020 00:00:00	1	Within Campus	40	3	0	0	43	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16121	No	
88	Innovations in Kaavi Art	Innovation	Workshop	Institute Lead Activity	MSAP	30-01-2020 00:00:00	30-01-2020 00:00:00	1	Within Campus	40	3	0	0	43		Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	16121	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

Srno	Name of Program (Full)	Program Theme	Program Type	Organizing Agency / Institute	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of	Awards/Recognitions/Achievements	Award / Position / Recognition	Title of Innovation / Start-up	Had institute spent expenses either from own resource/ received fund towards sending	Did any of the participants received any awards/recognition for startup / innovation ideas /
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Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

	Name)			Name)		Participa nts	ements	on Secured	up Secured the Award / Recogniti on	delegation to participate / represent the activity /event?	research
1	Out-of-the-box idea on how to overcome barriers to innovation in education	Innovation	Conference	New-Zealand India Academic Council	Educational Institute	20-08-2019 00:00:00	20-08-2019 00:00:00	1	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 15000	No
2	Importance of Innovation	Innovation	Conference	Welcomgroup Graduate School of Hotel Administration	Educational Institute	21-08-2019 00:00:00	21-08-2019 00:00:00	1	0	1	1	No	---	---	No	No
3	Prototyping Innovation in India	Innovation	Conference	XPOMET Medicinale 360 Next-generation Healthcare Festival, Berlin	Corporate / Industry Association	10-10-2019 00:00:00	12-10-2019 00:00:00	3	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 85000	No
4	Big Rocks	Innovation	Conference	PharmaQ uora 20 Catalyzing Research Paradigm , MCOPS	Educational Institute	01-02-2020 00:00:00	02-02-2020 00:00:00	2	0	1	1	No	---	---	No	No
5	Manipal Research Colloquium	Innovation	Conference	Manipal Academy of Higher Education	Educational Institute	01-04-2019 00:00:00	03-04-2019 00:00:00	3	12	5	17	No	---	---	No	No
6	International Conference on Affordable Strategies for Health and Environment	Innovation	Conference	NMAM Institute of Technology, Nitte	Educational Institute	23-05-2019 00:00:00	24-05-2019 00:00:00	2	4	2	6	No	---	---	No	No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

7	Patient Safety Awareness Week	Innovation	B-Plan Competitions	KMC, Manipal	Educational Institute	17-09-2019 00:00:00	24-09-2019 00:00:00	8	20	2	22	Yes	Best Poster Award	Affordable Strategies for Health and Environment	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Poster Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Affordable Strategies for Health and Environment</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Best Poster Award	Title of Innovation / Start-up Secured the Award / Recognition	Affordable Strategies for Health and Environment	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype			
Award / Position / Recognition Secured	Best Poster Award																									
Title of Innovation / Start-up Secured the Award / Recognition	Affordable Strategies for Health and Environment																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
8	National Conference of Association of Pharmacy Teachers of India (APTI 2019)	Innovation	Conference	Association of Pharmacy Teachers of India	Non-Govt. Agencies	10-10-2019 00:00:00	11-10-2019 00:00:00	2	5	4	9	Yes	First prize for e-poster	Patient Safety	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>12000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	12000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First prize for e-poster</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Patient Safety</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	First prize for e-poster	Title of Innovation / Start-up Secured the Award / Recognition	Patient Safety	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	12000																									
Award / Position / Recognition Secured	First prize for e-poster																									
Title of Innovation / Start-up Secured the Award / Recognition	Patient Safety																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
9	International Conference on Nanoscience and Photonics for Medical Applications	Innovation	Conference	Department of Atomic and Molecular Physics, Manipal Academy of Higher Education	Educational Institute	28-12-2019 00:00:00	30-12-2019 00:00:00	3	10	2	12	Yes	Young Researcher Award	In-Silico Evaluation of the Role of Phytochemicals in Alzheimers Disease through WNT signaling modulation	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Young Researcher Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>In-Silico Evaluation of the Role of Phytochemicals in Alzheimers Disease through WNT signaling modulation</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Young Researcher Award	Title of Innovation / Start-up Secured the Award / Recognition	In-Silico Evaluation of the Role of Phytochemicals in Alzheimers Disease through WNT signaling modulation	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype			
Award / Position / Recognition Secured	Young Researcher Award																									
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Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
10	71st Indian Pharmaceutical Congress (IPC)	Innovation	Conference	71st Indian Pharmaceutical Congress (IPC)	Corporate / Industry Association	20-12-2019 00:00:00	22-12-2019 00:00:00	3	40	10	50	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>15000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>No</td> </tr> </table>		Award / Position / Recognition Secured	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	15000																									
Award / Position / Recognition Secured	No																									

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

11	National Conference on Antibiotic Resistance- A Global update,	Innovation	Conference	MPH program of Prasanna School of Public Health, MAHE	Educational Institute	14-11-2019 00:00:00	14-11-2019 00:00:00	1	10	2	12	Yes	Best Poster Award	How good is the Quality of YouTube Video communication for Antibiotic Resistance	No	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Poster Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>How good is the Quality of YouTube Video communication for Antibiotic Resistance</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	Best Poster Award	Title of Innovation / Start-up Secured the Award / Recognition	How good is the Quality of YouTube Video communication for Antibiotic Resistance	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Best Poster Award																					
Title of Innovation / Start-up Secured the Award / Recognition	How good is the Quality of YouTube Video communication for Antibiotic Resistance																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
12	International Conference on Advances in Chemical and Materials Sciences,	Innovation	Conference	Mangalore University, Mangalore	Educational Institute	17-10-2019 00:00:00	18-10-2019 00:00:00	2	6	2	8	No	---	---	No	No						
13	International Conference SPER- Bangkok 2019	Innovation	Conference	Society of Pharmaceutical Education and Research (SPER).	Non-Govt. Agencies	03-10-2019 00:00:00	04-10-2019 00:00:00	2	2	1	3	Yes	Best Oral Presentation Award	In-silico and In-vitro acetylcholinesterase inhibitory activity of some natural compounds	No	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Oral Presentation Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>In-silico and In-vitro acetylcholinesterase inhibitory activity of some natural compounds</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	Best Oral Presentation Award	Title of Innovation / Start-up Secured the Award / Recognition	In-silico and In-vitro acetylcholinesterase inhibitory activity of some natural compounds	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Best Oral Presentation Award																					
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Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

14	SYMBIO T 2019, a national level symposium organized by Department of Biotechnology and Institution of Engineers, Biot	Innovation	Conference	Department of Biotechnology and Institution of Engineers, Biotechnology Chapter (IEBT), Manipal Institute of Technology, Manipal	Educational Institute	26-09-2019 00:00:00	26-09-2019 00:00:00	1	15	5	20	Yes	Best Oral Presentation Award	Liposomal nanoformulations of an anticancer drug for the effective treatment of breast cancer	No	Award / Position / Recognition Secured	Best Oral Presentation Award	Title of Innovation / Start-up Secured the Award / Recognition	Liposomal nanoformulations of an anticancer drug for the effective treatment of breast cancer	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
15	2nd International Conference on Fostering Interdisciplinary Research in Health Sciences (ICFIRHS)	Innovation	Conference	AIMST University, Malaysia	Educational Institute	14-09-2019 00:00:00	15-09-2019 00:00:00	2	4	4	8	Yes	Best Oral Presentation Award	A study on identifying factors affecting University-Industry Technology transfer Indian Perspective	Total Total Expense Amount Incurred by Institute? (In Rupees)	50000	Award / Position / Recognition Secured	Best Oral Presentation Award	Title of Innovation / Start-up Secured the Award / Recognition	A study on identifying factors affecting University-Industry Technology transfer Indian Perspective	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
16	International Conference on Translational Research Strategies for Drug Discovery and Clinical Development	Innovation	Conference	CRC Pharma LLC, New Jersey, USA.	Corporate / Industry Association	20-07-2019 00:00:00	21-07-2019 00:00:00	2	1	1	2	Yes	Best Poster Award	Population Approach Pharmacokinetic Modeling of Amionphylline in Preterm Neonates	Total Total Expense Amount Incurred by Institute? (In Rupees)	800000	Award / Position / Recognition Secured	Best Poster Award	Title of Innovation / Start-up Secured the Award / Recognition	Population Approach Pharmacokinetic Modeling of Amionphylline in Preterm Neonates	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

17	PCP Intercon 2020	Innovation	Conference	Pushpagiri college of pharmacy, Thiruvalla, Kerala	Educational Institute	03-01-2020 00:00:00	04-01-2020 00:00:00	2	30	10	40	Yes	3rd Rank - Oral Presentation	A study on cognitive function and blood glucose level as an effect of propranolol therapy	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>3rd Rank - Oral Presentation</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>A study on cognitive function and blood glucose level as an effect of propranolol therapy</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	3rd Rank - Oral Presentation	Title of Innovation / Start-up Secured the Award / Recognition	A study on cognitive function and blood glucose level as an effect of propranolol therapy	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype			
Award / Position / Recognition Secured	3rd Rank - Oral Presentation																									
Title of Innovation / Start-up Secured the Award / Recognition	A study on cognitive function and blood glucose level as an effect of propranolol therapy																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
18	Advances in Pharmaceutical and Health sciences (ICAPHS 2020)	Innovation	Conference	NITTE University	Educational Institute	20-02-2020 00:00:00	22-02-2020 00:00:00	3	10	2	12	Yes	Woman Scientist Award	Best Women Scientist	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Woman Scientist Award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Best Women Scientist</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Woman Scientist Award	Title of Innovation / Start-up Secured the Award / Recognition	Best Women Scientist	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype			
Award / Position / Recognition Secured	Woman Scientist Award																									
Title of Innovation / Start-up Secured the Award / Recognition	Best Women Scientist																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
19	Manipal Research Colloquium 2019	Innovation	Conference	Manipal Academy of Higher Education	Educational Institute	01-04-2019 00:00:00	03-04-2019 00:00:00	3	300	50	350	Yes	Best Prize in Oral Presentation	Development of cost effective, portable and easy-to-use microscopic device for disease detection	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>5000</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	5000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Prize in Oral Presentation</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Development of cost effective, portable and easy-to-use microscopic device for disease detection</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Best Prize in Oral Presentation	Title of Innovation / Start-up Secured the Award / Recognition	Development of cost effective, portable and easy-to-use microscopic device for disease detection	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	5000																									
Award / Position / Recognition Secured	Best Prize in Oral Presentation																									
Title of Innovation / Start-up Secured the Award / Recognition	Development of cost effective, portable and easy-to-use microscopic device for disease detection																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
20	Applications of Nano Technology	Innovation	Seminar	Manipal Institute of Technology	Educational Institute	11-02-2020 00:00:00	11-02-2020 00:00:00	1	60	20	80	No	---	---	No	No										

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

21	7th PAN IIM World Management Conference	Innovation	Conference	Indian Institute of Management	Educational Institute	12-12-2019 00:00:00	14-12-2019 00:00:00	3	0	1	1	No	---	---	No	No							
22	Asia International Conference on Multidisciplinary Research (AIMR19) (Attended by Mr. Pranav S. Joshi and Mr. Nithesh Kumar)	Innovation	Conference	The International Research and Development Institution (TIRD), Sri Lanka	International Agencies	10-05-2019 00:00:00	11-05-2019 00:00:00	2	2	0	2	Yes	Best Research Paper Presenter	Awarness of online presence of printed newspaper among the readers of coastal Karnataka A Case Study	Total Total Expense Amount Incurred by Institute? (In Rupees)	100000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Research Paper Presenter</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Awarness of online presence of printed newspaper among the readers of coastal Karnataka A Case Study</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	Best Research Paper Presenter	Title of Innovation / Start-up Secured the Award / Recognition	Awarness of online presence of printed newspaper among the readers of coastal Karnataka A Case Study	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	Best Research Paper Presenter																						
Title of Innovation / Start-up Secured the Award / Recognition	Awarness of online presence of printed newspaper among the readers of coastal Karnataka A Case Study																						
Award/Recognition/Achievement Received for	Novel Research Paper/Work																						
23	Academic World International Conference (Attended by Dr. Nagaraj Kamath and Mr. Ramnath Shenoy)	Innovation	Conference	Academics World	International Agencies	22-05-2019 00:00:00	23-05-2019 00:00:00	2	2	0	2	Yes	Best Paper	Comparison of quality, cost and delivery obtained through total production management	Total Total Expense Amount Incurred by Institute? (In Rupees)	100000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Paper</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Comparison of quality, cost and delivery obtained through total production management</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Novel Research Paper/Work</td> </tr> </table>	Award / Position / Recognition Secured	Best Paper	Title of Innovation / Start-up Secured the Award / Recognition	Comparison of quality, cost and delivery obtained through total production management	Award/Recognition/Achievement Received for	Novel Research Paper/Work
Award / Position / Recognition Secured	Best Paper																						
Title of Innovation / Start-up Secured the Award / Recognition	Comparison of quality, cost and delivery obtained through total production management																						
Award/Recognition/Achievement Received for	Novel Research Paper/Work																						
24	Workshop on Grant Writing Clinic (Attended by Mr. Devicharan R.)	Innovation	Workshop	MUTBI, Advanced Research Centre, MAHE	Educational Institute	13-07-2019 00:00:00	13-07-2019 00:00:00	1	0	1	1	No	---	---	No	No							

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

25	9th International Conference on 3-D Printing and Additive Manufacturing Technologies AM 19	Innovation	Conference	Additive Manufacturing Society of India, Bangalore	Corporate / Industry Association	06-09-2019 00:00:00	07-09-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	No
26	3-D Printing International Conference (Attended by Mr. Devicharan R. and Students)	Innovation	Conference	Trinity Media and Marketing Solutions	Corporate / Industry Association	29-11-2019 00:00:00	30-11-2019 00:00:00	2	8	1	9	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	No
27	IEEE international conference on Distributed Computing, VLSI, Electrical Circuits and Robotics(DISCOVER)	Innovation	Conference	IEEE	International Agencies	11-08-2019 00:00:00	12-08-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	8000	No
28	National Conference on Microsystems Technologies 2020	Innovation	Conference	Central Manufacturing Technology Institute, Bengaluru	Educational Institute	05-03-2020 00:00:00	06-03-2020 00:00:00	2	0	1	1	No	---	---	No		No
29	International Conference on sustainable development	Innovation	Conference	KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION	Educational Institute	18-12-2019 00:00:00	20-12-2019 00:00:00	3	0	1	1	No	---	---	No		No

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

30	Five Day MHRD Sponsored SPARC National workshop on Advanced Resonant Converters for Micro-Grid and Electric Transportation	Innovation	Motivational speak	NIT,Warangal	Educational Institute	15-07-2019 00:00:00	19-07-2019 00:00:00	5	0	1	1	No	---	---	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>10000</td> </tr> </table>		Total Expense Amount Incurred by Institute? (In Rupees)	10000	No				
Total Expense Amount Incurred by Institute? (In Rupees)	10000																						
31	Florence, Division F Conference	Entrepreneurship/Start-up	Motivational speak	Toastmasters, Division F, District 41	International Agencies	10-06-2019 00:00:00	14-06-2019 00:00:00	5	4	0	4	Yes	Winner in and 2nd Runner Up in	Evaluation Contest, International Speech Contest	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner in and 2nd Runner Up in</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Evaluation Contest, International Speech Contest</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Winner in and 2nd Runner Up in	Title of Innovation / Start-up Secured the Award / Recognition	Evaluation Contest, International Speech Contest	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Winner in and 2nd Runner Up in																						
Title of Innovation / Start-up Secured the Award / Recognition	Evaluation Contest, International Speech Contest																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						
32	NACDeC II	Innovation	Innovation Contest	IIT Bombay - AERO Society	Non-Govt. Agencies	17-08-2019 00:00:00	17-08-2019 00:00:00	1	2	0	2	Yes	1 st Place	HALE Aircraft	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>1 st Place</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>HALE Aircraft</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	1 st Place	Title of Innovation / Start-up Secured the Award / Recognition	HALE Aircraft	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	1 st Place																						
Title of Innovation / Start-up Secured the Award / Recognition	HALE Aircraft																						
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																						

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33	IEEE SBM Hackathon	Innovation	Hackathon	IEEE Student Branch Manipal	Educational Institute	09-02-2020 00:00:00	10-02-2020 00:00:00	2	2	0	2	Yes	3rd position	Smart IoT lock	No			Award / Position / Recognition Secured	3rd position	Title of Innovation / Start-up Secured the Award / Recognition	Smart IoT lock	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
34	Stanford Health plus plus Hackathon 2019	Innovation	Hackathon	Huang Engineering Centre, Stanford University, USA	Educational Institute	19-10-2019 00:00:00	20-10-2019 00:00:00	2	2	1	3	Yes	1st Place	Pedi-Po		Total Total Expense Amount Incurred by Institute? (In Rupees)	360000	Award / Position / Recognition Secured	1st Place	Title of Innovation / Start-up Secured the Award / Recognition	Pedi-Po	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
35	Infosys summer of ideas 2020	Innovation	Hackathon	Infosys industry	Non-Govt. Agencies	08-03-2020 00:00:00	10-03-2020 00:00:00	3	5	1	6	Yes	Face Detection with mask	The theme was live enterprise The name of the team was- Team vigilante	No			Award / Position / Recognition Secured	Face Detection with mask	Title of Innovation / Start-up Secured the Award / Recognition	The theme was live enterprise The name of the team was- Team vigilante	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

36	3D Printing world 2019	Innovation	Hackathon	Trinity media and marketing solutions	Corporate / Industry Association	29-11-2019 00:00:00	29-11-2019 00:00:00	1	8	1	9	Yes	2nd Position (best innovative idea)	SUSTAINABLE INTERGRATION OF WATER FOR AGRICULTURE	No	Award / Position / Recognition Secured	2nd Position (best innovative idea)
																Title of Innovation / Start-up Secured the Award / Recognition	SUSTAINABLE INTERGRATION OF WATER FOR AGRICULTURE
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
37	Spaceport America Cup 2019	Innovation	Innovation Contest	Spaceport, New Mexico, USA	International Agencies	19-06-2019 00:00:00	22-06-2019 00:00:00	4	20	0	20	Yes	On the Spot award	Arya	No	Award / Position / Recognition Secured	On the Spot award
																Title of Innovation / Start-up Secured the Award / Recognition	Arya
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
38	University Rover Challenge	Innovation	Innovation Contest	Mars Society USA	International Agencies	30-05-2019 00:00:00	01-06-2019 00:00:00	3	30	0	30	Yes	8th Globally, 1st in Asia	MARS Rover Manipal	No	Award / Position / Recognition Secured	8th Globally, 1st in Asia
																Title of Innovation / Start-up Secured the Award / Recognition	MARS Rover Manipal
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

39	Robowar NIT Tathva19	Innovation	Innovation Contest	NIT CALICUT	Educational Institute	18-10-2019 00:00:00	20-10-2019 00:00:00	3	10	0	10	Yes	2nd Prize	Robowar , Odiyan (bot name)	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd Prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Robowar , Odiyan (bot name)</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	2nd Prize	Title of Innovation / Start-up Secured the Award / Recognition	Robowar , Odiyan (bot name)	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	2nd Prize																					
Title of Innovation / Start-up Secured the Award / Recognition	Robowar , Odiyan (bot name)																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
40	India Innovation Series	Innovation	Hackathon	Incubatel ND in association with inQ and Kerala Startup Mission	Govt. Agency (State)	06-07-2019 00:00:00	07-07-2019 00:00:00	2	1	0	1	Yes	Winner	Rescue - smart watch for women safety	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Winner</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Rescue - smart watch for women safety</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Winner	Title of Innovation / Start-up Secured the Award / Recognition	Rescue - smart watch for women safety	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Winner																					
Title of Innovation / Start-up Secured the Award / Recognition	Rescue - smart watch for women safety																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
41	IICDC-2019-C2000 - Level 1	Innovation	Hackathon	Texas Instruments	Corporate / Industry Association	29-02-2020 00:00:00	29-02-2020 00:00:00	1	1	0	1	Yes	winner	Need Title	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>winner</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Need Title</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	winner	Title of Innovation / Start-up Secured the Award / Recognition	Need Title	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	winner																					
Title of Innovation / Start-up Secured the Award / Recognition	Need Title																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					

Section 1 > ii : Details of Students, Faculties/Staff Participation/Representation in Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up at the State, National and (or) International Level (Organized by External Organizations) sent by the HEI

42	oral health care innovation challenge	Innovation	Innovation Contest	AIIMS, New Delhi	Govt. Agency (Central)	16-09-2019 00:00:00	16-09-2019 00:00:00	1	3	1	4	Yes	Top 15 finalist	cost effective herbal lozenges for improved oral health of indian railway passengers	No	Award / Position / Recognition Secured		Top 15 finalist
																Title of Innovation / Start-up Secured the Award / Recognition		cost effective herbal lozenges for improved oral health of indian railway passengers
																Award/Recognition/Achievement Received for		Idea/Innovation/Prototype
43	Evidence Synthesis for Medicine, Public Health and Social Development	Innovation	Conference	India Habitat Centre, New Delhi, India	Educational Institute	11-04-2019 00:00:00	12-04-2019 00:00:00	2	0	1	1	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)		25000	No

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Biotechnology and Business Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Manipal School of Life Science	02-01-2020	30-05-2020	150	Offline	60	35
2	Research Methodology	IPR	Elective/Core Credit Course	Master	Manipal School of Life Science	16-08-2019	10-02-2020	179	Offline	75	35
3	Biotechnology Skill Enhancement Programme (BiSEP)	Entrepreneurship/Startup	Full time Program	Diploma	Manipal School of Life Science and Govt of Karnataka	01-10-2019	01-10-2020	367	Offline	20	312
4	Hospitality and Tourism Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Allied Hospitality Studies	19-07-2019	30-11-2019	135	Offline	52	42
5	Nutritional Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	MSc Dietetics and Applied Nutrition	19-07-2019	30-11-2019	135	Offline	32	30
6	Business Fundamental and Food Service Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	BA in Culinary Arts	05-08-2019	30-11-2019	118	Offline	177	30

7	Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Diploma	PG Diploma in Culinary Arts	05-08-2019	30-11-2019	118	Offline	31	30
8	Intellectual Property Rights	IPR	Elective/Core Credit Course	Master	Dept of Pharmacy Management	19-07-2019	09-12-2019	144	Offline	30	45
9	Entrepreneurship Management	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Dept of Pharmacy Management	19-07-2019	09-12-2019	144	Offline	30	45
10	iOS Software Development - Course	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Innovation Center and Computer Science and Engineering	22-07-2019	01-11-2019	103	Offline	25	40
11	iOS Software Development - Course	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Innovation Center and Computer Science and Engineering	05-01-2020	01-05-2020	118	Offline	25	40
12	Entrepreneurship and innovation (MSC Exercise and Sports Sciences 706)	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Exercise and Sports Sciences MCHP	03-01-2020	30-06-2020	180	Online	14	30
13	Entrepreneurship and innovation (BSC Exercise and Sports science ES 411)	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Exercise and Sports Sciences MCHP	19-07-2019	09-12-2019	144	Online	25	30
14	Audiology in Practice (BASLP)	Entrepreneurship/Startup	Full time Program	Bachelor	Speech and Hearing MCHP	03-01-2020	30-06-2020	180	Offline	23	60
15	Audiology in Practice (MSC Audiology)	Entrepreneurship/Startup	Full time Program	Master	Speech and Hearing MCHP	03-01-2020	30-06-2020	180	Offline	13	60
16	Operations and Systems Management	Entrepreneurship/Startup	Full time Program	Bachelor	Mechatronics MIT	19-07-2019	09-12-2020	510	Online	7	36
17	Technology Management	IPR	Elective/Core Credit Course	Credit Course (Elective)	Humanities and Management MIT	03-01-2020	17-04-2020	106	Offline	10	36
18	Essential of Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Humanities and Management MIT	03-01-2020	17-04-2020	106	Offline	2200	36
19	New Venture Strategy	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Humanities and Management MIT	03-01-2020	17-04-2020	106	Offline	10	48
20	Financial Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Humanities and Management MIT	03-01-2020	17-04-2020	106	Offline	120	36
21	Human Resource Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Humanities and Management MIT	03-01-2020	17-04-2020	106	Offline	120	36
22	Operations Management	Innovation	Elective/Core Credit Course	Credit Course (Elective)	Humanities and Management MIT	22-07-2019	09-11-2019	111	Offline	120	36

23	Professional Practice and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Architectue	15-07-2019	02-11-2019	111	Offline	160	42
24	Architectural Representation	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Architectue	15-07-2019	02-11-2019	111	Offline	160	72
25	Arctitectural Design and Detailing	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Architectue	15-07-2019	02-11-2019	111	Offline	160	160
26	Urban Design Studio - Masters	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Architectue	15-07-2019	02-11-2019	111	Offline	20	160
27	Sustainability Studio - Masters	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Architecture	15-07-2019	02-11-2019	111	Offline	20	160
28	Entrepreneurship	Entrepreneurship/Startup	Short term Course	Master	Manipal Institute of Management	01-03-2020	07-03-2020	7	Offline	11	56
29	Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Manipal Institute of Management	15-07-2019	02-11-2019	111	Offline	141	40
30	Business Analytics	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Manipal Institute of Management	15-07-2019	02-11-2019	111	Offline	81	40
31	Global Business Strategy	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Manipal Institute of Management	15-07-2019	02-11-2019	111	Offline	140	40
32	International Business Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Manipal Institute of Management	09-12-2019	04-04-2020	118	Offline	114	40
33	Business Strategy	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Manipal Institute of Management	09-12-2019	04-04-2020	118	Offline	114	40
34	ESSENTIALS OF ENTREPRENEURSHIP THINKING and ACTION University of California Irvine	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Dept of Commerce	18-07-2019	11-11-2019	117	Offline	36	36
35	Identifying Social Entrepreneurship Opportunities Copenhagen Business School	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Dept of Commerce	18-07-2019	11-11-2019	117	Offline	36	36
36	Entrepreneurial Marketing and Negotiation	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dept of Commerce MAHE	18-07-2019	11-11-2019	117	Offline	5	36
37	Entrepreneurial Finance	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dept of Commerce MAHE	18-07-2019	11-11-2019	117	Offline	5	36
38	Technology selection and management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dept of Commerce MAHE	18-07-2019	11-11-2019	117	Offline	5	36
39	Start-Up Final Year Project	Entrepreneurship/Startup	Full time Program	Bachelor	MIT	03-01-2019	30-06-2019	179	Offline	10	48
40	Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Manipal Institute of Management	03-01-2019	01-05-2019	119	Offline	132	40
41	Innovation and start up management	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Center for Family Business Dept of Commerce	02-01-2019	12-04-2019	101	Offline	82	36

42	Marketing Strategy For Entrepreneurs-EIT Digital	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Dept of Commerce	02-01-2019	12-04-2019	101	Offline	36	36
43	Entrepreneurial Biographies	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dept of Commerce MAHE	03-01-2019	12-04-2019	100	Offline	5	48
44	Working Capital Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dept of Commerce MAHE	02-01-2019	12-04-2019	101	Offline	5	48
45	Operations Management and Family Business Synergies	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dept of Commerce MAHE	02-01-2019	12-04-2019	101	Offline	5	48
46	New Venture Creation	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Dept of Commerce MAHE	02-01-2019	12-04-2019	101	Offline	5	48
47	Architectural Design and Detailing - I Basic Design	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-07-2019	01-12-2019	154	Offline	160	96
48	Architectural Design and Detailing - II Single User Space	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-01-2020	01-04-2020	92	Online	160	96
49	Architectural Design and Detailing - III Campus Design	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-07-2019	01-12-2019	154	Offline	160	96
50	Architectural Design and Detailing - IV Climate Responsive Design	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-01-2020	01-04-2020	92	Online	160	96
51	Surface Ornamentation	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-07-2019	01-12-2019	154	Offline	40	36
52	Creative Photography	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-07-2019	01-12-2019	154	Offline	40	36
53	Fashion Accessories	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-07-2019	01-12-2019	154	Offline	40	36
54	Architectural Design and Detailing - V Environmental Design	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-07-2019	01-12-2019	154	Offline	160	96
55	Architectural Design and Detailing - VI Public Buildings	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-07-2019	01-12-2019	154	Offline	160	96
56	Architectural Design and Detailing - VII Human Centric Campus Design	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-01-2020	01-04-2020	92	Online	160	96
57	Product Design	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-01-2020	01-04-2020	92	Online	40	36

58	Digital Design	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-01-2020	01-04-2020	92	Online	40	36
59	Product Design	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-07-2019	01-12-2019	154	Offline	40	72
60	Furniture Design	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-01-2020	01-04-2020	92	Online	40	48
61	Accessory Design	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-07-2019	01-12-2019	154	Offline	20	36
62	Interior Design - Commercial	Innovation	Elective/Core Credit Course	Bachelor	Manipal School of Architecture and Planning	01-01-2020	01-04-2020	92	Online	40	72

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Faculty Development Programme on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E / IPR	Manipal Universal Technology Business Incubator	02-12-2019	14-12-2019	13	Offline	22	60

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20			
1	Kavitha S. Shettgar	Manipal College of Health Profession	Assistant Professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
2	Sebestina Anita Dsouza	Manipal College of Health Profession	Professor	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
3	Neetha Shenoy	Manipal College of Dental Sciences Manipal	Lecture	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)
4	Shruti Singh	Manipal College of Dental Sciences Manipal	Lecturer	No	Yes			
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)

5	Kshma Vishwakarma	WGSHA	Associate Professor		No			Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
6	Meenatchi S. Sundaram	ICT	Associate Professor		No			Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
7	Priyanka Pandey	Department of Commerce	Assistant Professor		No			Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
8	Ravichandran Nair K	Prasanna School of Public Health	Assistant Professor Selection Grade		No			Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
9	Afza Anjum	Manipal College of Health Profession	Assistant Lecturer		No			Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
10	Sanjay Bharati	Manipal College of Health Profession	Assistant Professor		No			Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
11	Rozy Kamal	Manipal College of Health Profession	Assistant Professor		No			Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
12	Saleena Ummer. Velladath	Manipal College of Health Profession	Assistant Professor		No			Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
13	Suchitra Shenoy M	Kasturba Medical College Mangalore	Associate Professor		No			Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
14	H.S.Sethu M.Com in Entrepreneurship	WGSHA	Associate Professor		Yes			No	

Highest degree name in I&E and IPR	MCom in Entrepreneurship	15	Mukesh HV	Department of Commerce MAHE	Assistant Professor	Yes					
	Degree Type						PG				
	Year of Highest degree in I&E and IPR						2011				
No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Entrepreneurship</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2019</td> </tr> </table>	Highest degree name in I&E and IPR	PhD in Entrepreneurship	Degree Type	PhD	Year of Highest degree in I&E and IPR	2019	16	Santosh Shetty	Department of Commerce	Assistant Professor
Highest degree name in I&E and IPR	PhD in Entrepreneurship										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2019										
Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Entrepreneurship development</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2019</td> </tr> </table>	Highest degree name in I&E and IPR	PhD in Entrepreneurship development	Degree Type	PhD	Year of Highest degree in I&E and IPR	2019	17	H.G Joshi	Centre for Social Entrepreneurship
Highest degree name in I&E and IPR	PhD in Entrepreneurship development										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2019										
Coordinator	Yes	No	<table border="1"> <tr> <td>Highest degree name in I&E and IPR</td> <td>PhD in Entrepreneurship</td> </tr> <tr> <td>Degree Type</td> <td>PhD</td> </tr> <tr> <td>Year of Highest degree in I&E and IPR</td> <td>2007</td> </tr> </table>	Highest degree name in I&E and IPR	PhD in Entrepreneurship	Degree Type	PhD	Year of Highest degree in I&E and IPR	2007	18	Sumukh S.Hungund
Highest degree name in I&E and IPR	PhD in Entrepreneurship										
Degree Type	PhD										
Year of Highest degree in I&E and IPR	2007										

Section 3 > i : List Idea/Innovation Centric Student Clubs Are Functional at the HEI with Access to Co-working Space/Work-stations for Students with Facilities & Equipment Available to promote and Support Innovation, Entrepreneurship and IPR Activities in Campus

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Entrepreneurship Club	Idea Club	2014	Co-working Space	Pre-Incubation Unit,IPR Cell/Technology Transfer Centre	1	Prakyath Nayak	prakyathspn@gmail.com	7259851986
2	Student entrepreneurship council	Startup Club	2019	Work Stations	Pre-Incubation Unit,Innovation Labs,IPR Cell/Technology Transfer Centre	1	Merwyn Rodrigues	merwynrodrigues@gmail.com	7349428210

3	WGSMA Entrepreneurship Development Cell	Idea Club	2018	Co-working Space	Pre-Incubation Unit, Innovation Labs	5	Meghna Samtaney	meghnasamtaney@rediffmail.com	9903366910
4	Innovation Cell PSPH	Innovation Club	2020	Work Stations	Pre-Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre	8	Bharat U	bharath.u@learner.manipal.edu	9113078031
5	MakerSpace	Idea Club	2020	Work Stations	Innovation Labs	3	RS Shivmani	rsshivmani@gmail.com	9591189078
6	Student Entrepreneurship Club	Idea Club	2010	Co-working Space, 3D Printing	Pre-Incubation Unit, Incubation Unit, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	7	Nikhil Rayaprolu	nikhilrayaprolu18@gmail.com	9686713666

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

Smo	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?
							Facility Incharge Name	Facility Incharge Email				
1	Maker Space Manipal	Maker's Space	2017	3D Printing & Prototype Equipment	Incubation Unit, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Incubation Unit, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Facility Incharge Name	Arun Shanbhag PhD MBA	3	Yes	No	Yes
							Facility Incharge Email	arun.shanbhag@manipal.edu				
							Facility Incharge Phone	8202925053				
Source of Grant / Fund					Agency Name			Agency Type			Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	
Institute's Own Fund / Resource					MAHE			Educational Institute			200000	

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

2	Manipal Universal Technology Business Incubator	Startup Cell	2011	Co-working Space	Incubation Unit	Incubation Unit	Facility Incharge Name	Dr. Y Shrihari Upadhya	4	Yes	Yes		Yes
							Facility Incharge Email	ys.upadhya@manipal.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
							Facility Incharge Phone	8202925052			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)	184300	
Source of Grant / Fund						Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)		
Funding Agency						Entrepreneurship Development Center			Govt. Agency (Central)		8038119		
3	Manipal-Government of Karnataka Bioincubator	Startup Cell	2019	Co-working Space	Incubation Unit	Incubation Unit	Facility Incharge Name	Dr. Manesh Thomas	4	Yes	No	No	
							Facility Incharge Email	ceo.bioincubator@manipal.edu					
							Facility Incharge Phone	8202937726					

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

4	Designs in Wood	Design Centre	2018	3D Printing & Prototype Equipment	Innovation Labs, Student Clubs	Innovation Labs, Student Clubs	Facility Incharge Name	Kapil Grover	2	No	Yes		Yes
							Facility Incharge Email	kapil.grover@manipal.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	27500	
							Facility Incharge Phone	8826124234			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	
Source of Grant / Fund							Agency Name			Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)	
Institute's Own Fund / Resource							MAHE			Educational Institute		200000	
5	Apple Creative Studio	Innovation Centre	2018	Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name	Amit Gundad	2	No	No		No
							Facility Incharge Email	amit.gundad@manipal.edu					
							Facility Incharge Phone	8147268322					

Section 3 > ii > a : List the Pre-Incubation Facility (Tinkering Lab/Makers' Space/Design Centre/New Gen IEDC/IEDC/EDC/Innovation Centre/Startup Cell) (>= 600 Sq. Ft. Floor Area)

6	Central Instrumentation Facility	Innovation Centre	2011	None	Innovation Labs, Student Clubs	Innovation Labs, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Somashekara Bhat Dr. Matthew Peter</td> </tr> <tr> <td>Facility Incharge Email</td> <td>soma.bhat@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9322428766</td> </tr> </table>	Facility Incharge Name	Dr. Somashekara Bhat Dr. Matthew Peter	Facility Incharge Email	soma.bhat@manipal.edu	Facility Incharge Phone	9322428766	12	No	<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>1355508</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)	1355508	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	Yes
Facility Incharge Name	Dr. Somashekara Bhat Dr. Matthew Peter																								
Facility Incharge Email	soma.bhat@manipal.edu																								
Facility Incharge Phone	9322428766																								
Yes																									
Total Annual Income from Training and Skill Development Services (In Rupees)	1355508																								
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																								
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)																			
Institute's Own Fund / Resource		MAHE		Educational Institute		3235077																			

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

Srno	Name of CoE Facility	Year of Establishment	CoE with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with CoE, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
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Section 3 > ii > b : List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area)

1	"Centre of Excellance in Biophotonics Establishing a Bio-Photonics Research facility for Development and demonstration of Screening for early detection of Cervical Cancer using Laser Spectroscopy techniques"	2016	No Such Facilities Exist in the Campus		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Santhosh Chidangil</td> </tr> <tr> <td>Facility Incharge Email</td> <td>santhosh.cls@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9880092297</td> </tr> </table>	Facility Incharge Name	Santhosh Chidangil	Facility Incharge Email	santhosh.cls@manipal.edu	Facility Incharge Phone	9880092297	0	No	No	Yes		
Facility Incharge Name	Santhosh Chidangil																
Facility Incharge Email	santhosh.cls@manipal.edu																
Facility Incharge Phone	9880092297																
		<table border="1"> <thead> <tr> <th>Source of Grant / Fund</th> <th>Agency Name</th> <th>Agency Type</th> <th>Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)</th> </tr> </thead> <tbody> <tr> <td>Funding Agency</td> <td>Vision Group of Science and Technology (VGST), Govt. of Karnataka</td> <td>Govt. Agency (State)</td> <td>4000000</td> </tr> </tbody> </table>		Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)	Funding Agency	Vision Group of Science and Technology (VGST), Govt. of Karnataka	Govt. Agency (State)	4000000						
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)														
Funding Agency	Vision Group of Science and Technology (VGST), Govt. of Karnataka	Govt. Agency (State)	4000000														
2	Manipal School of Life Sciences	2006	Incubation Unit, IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K. Satya moorthy</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ksatya moorthy@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>08202922058</td> </tr> </table>	Facility Incharge Name	Dr. K. Satya moorthy	Facility Incharge Email	ksatya moorthy@manipal.edu	Facility Incharge Phone	08202922058	24	No	No	No		
Facility Incharge Name	Dr. K. Satya moorthy																
Facility Incharge Email	ksatya moorthy@manipal.edu																
Facility Incharge Phone	08202922058																
3	Optical Microscopy and Tissue Characterization, MSOLS	2017	Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. K. Satya moorthy</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. Satya moorthy	Facility Incharge Email	mlsc@manipal.edu	Facility Incharge Phone	9845718604	12	Yes	No	Yes		
Facility Incharge Name	Dr. K. Satya moorthy																
Facility Incharge Email	mlsc@manipal.edu																
Facility Incharge Phone	9845718604																
		<table border="1"> <thead> <tr> <th>Source of Grant / Fund</th> <th>Agency Name</th> <th>Agency Type</th> <th>Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)</th> </tr> </thead> <tbody> <tr> <td>Funding Agency</td> <td>SERB-DST</td> <td>Govt. Agency (Central)</td> <td>750000</td> </tr> </tbody> </table>		Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)	Funding Agency	SERB-DST	Govt. Agency (Central)	750000						
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)														
Funding Agency	SERB-DST	Govt. Agency (Central)	750000														

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

4	Centre for Fertility Preservation	2015	Student Clubs		Facility Incharge Name	Prof Dr Satish Kumar Adiga	1	No	Yes		Yes
					Facility Incharge Email	satish.adiga@manipal.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	1200000	
					Facility Incharge Phone	82029 22320			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	
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)					
Funding Agency		ICMR, U Naples		Govt. Agency (Central)		2000000					
5	Medical Genetics	2014	Incubation Unit, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Girisha KM	12	No	No		Yes
					Facility Incharge Email	girish.katta@manipal.edu					
					Facility Incharge Phone	08202 92314 9					
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)					
Funding Agency		ICMR, NIH, DST, DHR, DBT		-		6000000					

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

6	Centre for Software Development	2015	IPR Cell/Technology Transfer Centre		Facility Incharge Name	Sudhakar Upadhyaya P	16	No	Yes		Yes
					Facility Incharge Email	sudhakar.upadhyaya@manipal.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	96111 17051			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	5000000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
Institute's Own Fund / Resource				MAHE			Govt. Agency (Central)		100000		
7	Manipal Institute of Virology	2010	Incubation Unit, Innovation Labs, Innovation Park/Research Park, Student Clubs		Facility Incharge Name	Dr Chiranjay Mukhopadhyay	4	No	Yes		Yes
					Facility Incharge Email	chiranjay.m@manipal.edu			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	98455 13057			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	30000000	
									Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)		
Funding Agency				DBT-BIRAC DRDO			Govt. Agency (Central)		160000		

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

8	Centre of Excellence in Avionics and Navigation, MAHE	2016	IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Kamlesh Kumar	14	No	No	Yes
					Facility Incharge Email	kamlesh.kumar@manipal.edu				
					Facility Incharge Phone	7348852747				
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)				
Funding Agency		NTRO (2016-2021)		Govt. Agency (Central)		29100000				
9	Center for Excellence in Inborn Errors of Metabolism	2015	Student Clubs		Facility Incharge Name	Dr Leslie Lewis	10	No	No	Yes
					Facility Incharge Email	leslie.lewis@manipal.edu				
					Facility Incharge Phone	9449208476				
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)				
Funding Agency		Vision Group of Science and Technology (VGST), Govt. of Karnataka		Govt. Agency (State)		2634270				
10	Toxicovigilance and Drug Safety center	2016	Incubation Unit, IPR Cell/Technology Transfer Centre, Student Clubs		Facility Incharge Name	Girish thunga	6	No	No	Yes
					Facility Incharge Email	girish.thunga@manipal.edu				
					Facility Incharge Phone	09880151127				
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)				
Funding Agency		ICMR		Govt. Agency (Central)		600000				

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

11	Department of Immunohematology and Blood Transfusion, KMC, Manipal	2010	Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Shamee Shastry</td> </tr> <tr> <td>Facility Incharge Email</td> <td>shamee.girish@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>08202922448</td> </tr> </table>	Facility Incharge Name	Dr Shamee Shastry	Facility Incharge Email	shamee.girish@manipal.edu	Facility Incharge Phone	08202922448	5	No	No	No		
Facility Incharge Name	Dr Shamee Shastry																
Facility Incharge Email	shamee.girish@manipal.edu																
Facility Incharge Phone	08202922448																
12	Manipal Schrödinger Centre for Molecular Simulations	2018	Incubation Unit, Innovation Labs, Innovation Park/Research Park, IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Alex Joseph</td> </tr> <tr> <td>Facility Incharge Email</td> <td>alex.joseph@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9448548060</td> </tr> </table>	Facility Incharge Name	Alex Joseph	Facility Incharge Email	alex.joseph@manipal.edu	Facility Incharge Phone	9448548060	2	No	No	No		
Facility Incharge Name	Alex Joseph																
Facility Incharge Email	alex.joseph@manipal.edu																
Facility Incharge Phone	9448548060																
13	MIT-KEF R and D Center	2020	Incubation Unit, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Gopinath Nayak</td> </tr> <tr> <td>Facility Incharge Email</td> <td>nayak.gopinath@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9964379890</td> </tr> </table>	Facility Incharge Name	Gopinath Nayak	Facility Incharge Email	nayak.gopinath@manipal.edu	Facility Incharge Phone	9964379890	9	No	No	Yes		
Facility Incharge Name	Gopinath Nayak																
Facility Incharge Email	nayak.gopinath@manipal.edu																
Facility Incharge Phone	9964379890																
				<table border="1"> <thead> <tr> <th>Source of Grant / Fund</th> <th>Agency Name</th> <th>Agency Type</th> <th>Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)</th> </tr> </thead> <tbody> <tr> <td>Institute's Own Fund / Resource</td> <td>MAHE</td> <td>Educational Institute</td> <td>12400000</td> </tr> </tbody> </table>		Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)	Institute's Own Fund / Resource	MAHE	Educational Institute	12400000				
Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)														
Institute's Own Fund / Resource	MAHE	Educational Institute	12400000														
14	D Atomic and Molecular Physics	2015	Incubation Unit, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Santhosh Chidangil</td> </tr> <tr> <td>Facility Incharge Email</td> <td>santhosh.cls@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9880092297</td> </tr> </table>	Facility Incharge Name	Santhosh Chidangil	Facility Incharge Email	santhosh.cls@manipal.edu	Facility Incharge Phone	9880092297	9	Yes	No	Yes		
Facility Incharge Name	Santhosh Chidangil																
Facility Incharge Email	santhosh.cls@manipal.edu																
Facility Incharge Phone	9880092297																

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

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)																	
Institute's Own Fund / Resource		MAHE		Educational Institute		4800000																	
15	Tech Shop, MIT	2007	Incubation Unit, Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs	Major Student Projects	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ganesh Nayak</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ganes.h.nayak@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>7899330234</td> </tr> </table>	Facility Incharge Name	Ganesh Nayak	Facility Incharge Email	ganes.h.nayak@manipal.edu	Facility Incharge Phone	7899330234	4	Yes	No	Yes								
Facility Incharge Name	Ganesh Nayak																						
Facility Incharge Email	ganes.h.nayak@manipal.edu																						
Facility Incharge Phone	7899330234																						
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)																	
Institute's Own Fund / Resource		MAHE		Educational Institute		15000000																	
16	Central Instrumentation Facility	2011	Innovation Labs, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Somashekara Bhat Dr. Matthew Peter</td> </tr> <tr> <td>Facility Incharge Email</td> <td>soma.bhat@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9322428766</td> </tr> </table>	Facility Incharge Name	Dr. Somashekara Bhat Dr. Matthew Peter	Facility Incharge Email	soma.bhat@manipal.edu	Facility Incharge Phone	9322428766	12	No	<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>1355508</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)	1355508	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	Yes
Facility Incharge Name	Dr. Somashekara Bhat Dr. Matthew Peter																						
Facility Incharge Email	soma.bhat@manipal.edu																						
Facility Incharge Phone	9322428766																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	1355508																						
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																						
Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)																	
Institute's Own Fund / Resource		MAHE		Educational Institute		3235077																	

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with	Facility Details	Total Nos of Dedicated Executive/Management team	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of
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Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

Sr No	Name of Incubation Facility	Year of Establishment	Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs	Incubation Unit, if any (Optional)	Facility Details	Strength Engaged at the Facility	Implementation during the Financial Year 2019-20?	Had the Institute Generated Income either from Services Offered by Research Park/Innovation Park?		Incubation Centre/Facilities?													
								Yes	No														
1	Manipal Universal Technology Business Incubator	2011	Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Y Shrihari Upadhyaya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ys.upadhyaya@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>82029 25052</td> </tr> </table>	Facility Incharge Name	Dr. Y Shrihari Upadhyaya	Facility Incharge Email	ys.upadhyaya@manipal.edu	Facility Incharge Phone	82029 25052	4	Yes	<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>0</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>742333</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)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	742333	No
Facility Incharge Name	Dr. Y Shrihari Upadhyaya																						
Facility Incharge Email	ys.upadhyaya@manipal.edu																						
Facility Incharge Phone	82029 25052																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	0																						
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)	742333																						
2	Manipal- Government of Karnataka Bioincubator	2019	Innovation Labs, IPR Cell/Technology Transfer Centre, Student Clubs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Manesh Thomas</td> </tr> <tr> <td>Facility Incharge Email</td> <td>ceo.bioincubator@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>82029 37726</td> </tr> </table>	Facility Incharge Name	Dr. Manesh Thomas	Facility Incharge Email	ceo.bioincubator@manipal.edu	Facility Incharge Phone	82029 37726	4	No	<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>49000</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>41000</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	49000	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)	41000	No
Facility Incharge Name	Dr. Manesh Thomas																						
Facility Incharge Email	ceo.bioincubator@manipal.edu																						
Facility Incharge Phone	82029 37726																						
Yes																							
Total Annual Income from Training and Skill Development Services (In Rupees)	49000																						
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)	41000																						

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

Sr No	Name of Innovation Park/Research Park Facility	Year of Establishment	Innovation Park / Research Park with Access to Other I & E Facilities at the HEI	Name of the Funding Schemes Available with Research/Innovation Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
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Section 3 > ii > d : List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

1	Innovation Center	2011	Pre-Incubation, Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs	Prototype Seed Funding	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>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	Arun Shanbhag	Facility Incharge Email	arun.shanbhag@gmail.com	Facility Incharge Phone	08202925053	4	Yes	No	Yes
Facility Incharge Name	Arun Shanbhag														
Facility Incharge Email	arun.shanbhag@gmail.com														
Facility Incharge Phone	08202925053														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
Institute's Own Fund / Resource		Manipal Academy of Higher Education			Educational Institute		2100000								

Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?						
1	Technology Transfer Office, Manipal Academy of Higher Education	2015	Pre-Incubation, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs	Funding by major funding institutions like TIFAC, DST, DBT, MSME etc	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Manthan Janodia</td> </tr> <tr> <td>Facility Incharge Email</td> <td>manthan.j@manipal.edu</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9880130878</td> </tr> </table>	Facility Incharge Name	Manthan Janodia	Facility Incharge Email	manthan.j@manipal.edu	Facility Incharge Phone	9880130878	7	Yes	No	No
Facility Incharge Name	Manthan Janodia														
Facility Incharge Email	manthan.j@manipal.edu														
Facility Incharge Phone	9880130878														

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr Manthan Janodia	Professor	IPR Protection & Commercialization	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	IPR Strategy for Multiple Business Plan Competition Participants		Within	NO
2	Dr Krishnanda Prabhu	Professor	Idea/Innovation Development	7

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Colour Coding Navigation System		Within	-
3	Dr Shruthi Acharya	Professor	Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	LUMOS in Hacking Dentistry		Within	-
4	Dr Komal Smriti	Associate Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Handheld Dynamometer in Provenance Business Plan Competition		Within	-
5	Kapil Grover	Assistant Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Furniture Design Student Team		Within	-
6	Rahul Narkanka	Assistant Professor	Idea/Innovation Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Teams developing prototypes in makerspace		Within	-
7	Dr Shirley Salins	Professor	Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	ALL Better in Hacking Cancer		Within	-
8	Dr Navin Salins	Professor	Entrepreneurship/Startup Development	5
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Blood Line in Hacking Cancer		Within	-
9	Dr Kartik Udupa	Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Donate Life in Hacking Cancer		Within	-
10	Dr Chenappa Patil	Associate Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Lumi FLex in Hacking Cancer		Within	-

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

11	Dr Ashwath Anand	Professor	Entrepreneurship/Startup Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Offbeat Colleges in Business Ideation		Within	-
12	Parthesh Shanbhag	Associate Professor	Entrepreneurship/Startup Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Agro Services in Business Ideation		Within	-
13	Dr Swapnil Dengale	Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Drink in Peace in MCOPS Ideation Competition		Within	-
14	Dr Alex Joseph	Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	MAB - Algorithm to recommend Drugs for Health Profile		Within	-
15	Dr Virendra Ligade	Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Drink in Peace in MCOPS Ideation Competition		Within	-
16	Dr R Chandrashekhar	Associate Professor	Idea/Innovation Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Tab Cut in MCOPS Ideation		Within	-
17	Dr Vikram Baliga	Professor	Idea/Innovation Development	3
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	No-Worry Delivery in Business Ideation		Within	-
18	Dr Animesh Jain	Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Mind and You in KMC Mangaluru Ideation		Within	-
19	Dr Nutan Kamath	Professor	Idea/Innovation Development	5

Section 3 > iii > a : Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Team Won in KMC Mangaluru Ideation	Within	-
20	Dr Manesh Thomas	CEO BioIncubator	Entrepreneurship/Startup Development
			7
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Sanjeevani in KMC Mangaluru Ideation	Within	-
21	Dr Shrihari Upadhyaya	CEO MUTBI	Entrepreneurship/Startup Development
			5
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Team Participants in Provenance Business Plan Competition	Within	-
22	Dr Raveendranath Nayak	Professor	Entrepreneurship/Startup Development
			11
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Team Participants in Provenance Business Plan Competition	Within	-
23	Dr Ravikiran Ongole	Professor	Idea/Innovation Development
			9
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Facebow for mandibular alignment	Within	-

Section 3 > iii > b : Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Ranjendra Kurady, Co founder Two Healthcare, Bengaluru	Entrepreneurship/Startup Development	Unstructured Mentorship
2	Prof. A S Vasudev Rao, Former Dean Administration, TAPMI	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Mr. Manjuanth Maiya, Philips	Idea/Innovation Development	Unstructured Mentorship
4	Dr. Niranjana UC, Director of Research and Training , Manipal Dot Net Manipal	Entrepreneurship/Startup Development	Unstructured Mentorship
5	Mr. Siddharth Jain, Symbiorph Clinical Trialogy, CEO and Medical Device Regulatory Advisor	Idea/Innovation Development	Unstructured Mentorship
6	Mr. Sonith Shetty CA, Self - Chartered Accountant	Entrepreneurship/Startup Development	Unstructured Mentorship
7	Mr. Sridhar Kamath, Kamath and Co, udupi	Entrepreneurship/Startup Development	Unstructured Mentorship
8	Dr. Sudhakar Bangera, Aileen Clinical Research Services , Managing Partner , Hyderabad	Idea/Innovation Development	Unstructured Mentorship

Section 4 : List all the Innovations Generated Developed, Completed and Implemented in Ground with Support of Pre-incubation & Incubation facilities at the HEI and Recognitions Received

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20	Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019											
1	An optical design for cell membrane targeted surface-enhanced Raman spectroscopy (SERS)	Product Innovation	Technological	Department of Molecular Physics	Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No											
					<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Aseefhali Bankapur</td> <td>Faculty</td> <td>Male</td> <td>asif.bankapur@manipal.edu</td> <td>9880622130</td> </tr> </tbody> </table>		Name	Type	Gender	Email	Contact	Aseefhali Bankapur	Faculty	Male	asif.bankapur@manipal.edu	9880622130								
Name	Type	Gender	Email	Contact																				
Aseefhali Bankapur	Faculty	Male	asif.bankapur@manipal.edu	9880622130																				
					<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Santhosh Chidangil</td> <td>Faculty</td> <td>Male</td> <td>santhosh.cls@manipal.edu</td> <td>9880092297</td> </tr> </tbody> </table>		Name	Type	Gender	Email	Contact	Santhosh Chidangil	Faculty	Male	santhosh.cls@manipal.edu	9880092297								
Name	Type	Gender	Email	Contact																				
Santhosh Chidangil	Faculty	Male	santhosh.cls@manipal.edu	9880092297																				
2	Hue based Imaging System	Product Innovation	Technological	Department of Molecular Physics	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No											

Name	Type	Gender	Email	Contact
Ajeetkumar Patil	Faculty	Male	ajeetkumar.p@manipal.edu	8202932206

Name	Type	Gender	Email	Contact
Varus S	Student	Male	varunsimha123@gmail.com	8202925071

3	Laser-based device for plastic sorting	Product Innovation	Technological	Department of Molecular Physics	Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 4800000	No	No
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Name	Type	Gender	Email	Contact
Unnikrishnan VK	Faculty	Male	ajeetkumar.p@manipal.edu	8202932206

Name	Type	Gender	Email	Contact
Santosh Chidangil	Faculty	Male	santhosh.cls@manipal.edu	9880092297

4	Development of smartphone based imaging system for disease diagnostics	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name VIGNANS Foundation for Science, Technology Research	Agency Type Educational Institute	Award / Position / Recognition Secured First Prize in Basic Sciences category in ANVESHAN 2019 South Zonal Convention	No	5000	No	No	
													Grant Amount in Rs			

Name	Type	Gender	Email	Contact
Nirmal Mazumder	Faculty	Male	nirmal.mazumder@manipal.edu	7384628742

Name	Type	Gender	Email	Contact
Satyamoorthy K., Mahato K. K., Banik S, Vasudevan T G	Faculty and Student	Male	-	-

5	Myoelectric Upper Limb Prosthesis	Product Innovation	Technological		Alumni	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs	250000	No	Amount Received in Rs.	25000	
Name		Type			Gender		Email			Contact						
Mr. Satyam Chatuvedi		Alumni Entrepreneur			Male		satyam0521@gmail.com			8130583994						
6	3D Printed Upper Limb Orthosis	Product Innovation	Technological		Alumni	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name	World Konkani Centre, Mangalore.	No	Grant Amount in Rs	250000	No	Amount Received in Rs.	25000
							Agency Type			Not-Govt. Agencies						
							Award / Position / Recognition Secured			award						
Name		Type			Gender		Email			Contact						
amartyagupta10p@gmail.com		Alumni Entrepreneur			Male		amartyagupta10p@gmail.com			8867355589						
7	Post Surgery garment for breast cancer	Product Innovation	Technological		External to the Institute/Incubatee	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs	216000	No	Amount Received in Rs.	21600	

Name		Type							Gender		Email		Contact		
Anwar e Mustafa		Innovator/Entrepreneur External to Institute							Male		anwaaremustafa.a@gmail.com		7276645260		
8	Fund my crop	Service Innovation	Technological		External to the Institute/Incubatee	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Development Ongoing	No	No	Grant Amount in Rs	216000	No	Amount Received in Rs.	21600
	Name		Type							Gender		Email		Contact	
	Sharath Patil		Innovator/Entrepreneur External to Institute							Male		sharath@fundmycrop.com		7760213761	
9	"A social media marketing software for SME / Startups to generate more leads using social media. "	Service Innovation	Technological		External to the Institute/Incubatee	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	Grant Amount in Rs	180000	No	Amount Received in Rs.	18000
	Name		Type							Gender		Email		Contact	
	Shamnas		Innovator/Entrepreneur External to Institute							Male		shamnas@socialhoox.com		6238357225	
10	Abbaqus : An AI driven research, Collaboration and professional development platform	Product Innovation	Technological		External to the Institute/Incubatee	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs	115000	No	Amount Received in Rs.	11500
	Name		Type							Gender		Email		Contact	
	Shamnas		Innovator/Entrepreneur External to Institute							Male		shamnas@socialhoox.com		6238357225	

Name		Type							Gender		Email		Contact		
Nitesh Kumar Yadav		Innovator/Entrepreneur External to Institute							Male		nitesh@abbaqus.com		7317615858		
11	NSR : Nutrition Support Resources Platform	Service Innovation	Technological		Alumni	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs	115000	No	Amount Received in Rs.	11500
Name		Type							Gender		Email		Contact		
Nikesh Kumar Jain		Alumni Entrepreneur							Male		info.nikeshjain@gmail.com		8010583325		
12	Badumtsh : Online services for Musicians	Product Innovation	Technological		External to the Institute/Incubatee	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs	115000	No	Amount Received in Rs.	11500
Name		Type							Gender		Email		Contact		
Saurabh Shetty		Innovator/Entrepreneur External to Institute							Male		saurabh.shetty3096@gmail.com		9449881411		
13	3d Bioprinted grafting for skin	Product Innovation	Technological		Alumni	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs	128800	No	Amount Received in Rs.	13600

Name		Type							Gender		Email		Contact	
Rudranath Gosh		Alumni Entrepreneur							Male		rudranath1995ghosh@gmail.com		9986610728	
14	Gait walker	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	No	1250000	No	54000
	Name		Type							Gender		Email		Contact
Dr. Sivakumar		Faculty and Student							Male		sivakumar.g@manipal.edu		9686368062	
15	Hand in motion	Product Innovation	Technological		Alumni	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	Agency Name	Govt. of Karnataka	No	No	No	No
	Name		Type							Gender		Email		Contact
Mr. Samheel		Alumni Entrepreneur							Male		mssamheel@gmail.com		8904851783	
16	Comprehensive Genomic Ancestry determination of Indian populations employing unique ancestry informative markers (AIMs)	Process Innovation	Technological	Manipal -GoK Bioincubator	External to the Institute/Incubator	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	No	14000
	Name		Type							Gender		Email		Contact
Mr. Samheel		Alumni Entrepreneur							Male		mssamheel@gmail.com		8904851783	

Name	Type	Gender	Email	Contact
Dr. Ranajit Das	Innovator/Entrepreneur External to Institute	Male	concipio.enterprise@gmail.com	8582802871

Name	Type	Gender	Email	Contact
Dr. Priyanka Upadhyai	Faculty	Female	priyanka.u@manipal.edu	9741800498

17	Revolutionizing Radiation Oncology with AI	Product Innovation	Technological	Manipal-GoK Bioincubator	External to the Institute/Incubator	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	No	No	Amount Received in Rs.	8000
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Name	Type	Gender	Email	Contact
Dr. Shirley Salins	Faculty	Female	shirley.lewis@radonc.ai	9969557231

Name	Type	Gender	Email	Contact
Mr. Sribharath	Innovator/Entrepreneur External to Institute	Male	sribharath@radonc.ai	7700083356

18	Histopathological Services for preclinical research	Service Innovation	Technological	Manipal-GoK Bioincubator	Student-Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	Amount Received in Rs.	4000
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Name	Type	Gender	Email	Contact
Dr. Shiny Jasphin	Student	Female	aaray.health.solutions@gmail.com	9739314520

Name	Type	Gender	Email	Contact
Dr. Arul Amuthan	Faculty	Male	arul.amuthan@manipal.edu	9986353238

19	Solutions in Cellular, Biochemical, Molecular and Genetic Diagnostics and Services tests	Service Innovation	Technological	Manipal-GoK Bioincubator	Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	Amount Received in Rs.	8000
Name		Type			Gender			Email			Contact			
Dr. K Satyamoorthy		Faculty			Male			ksatyamoorthy@yahoo.com			9845718604			
Name		Type			Gender			Email			Contact			
Dr. Shama Prasada K		Faculty			Male			shama.prasada@manipal.edu			9886741415			
20	Establishment of an innovation driven drug discovery and development organization	Service Innovation	Technological	Manipal-GoK Bioincubator	Faculty	TRL 9 : Full commercial application, technology available for consumers.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	Amount Received in Rs.	7000
Name		Type			Gender			Email			Contact			
Dr. Anoop Kishore		Faculty			Male			anoop.kishore@manipal.edu			9844276576			
Name		Type			Gender			Email			Contact			
Dr. Jayesh Mudgal		Faculty			Male			jayesh.mudgal@manipal.edu			9008418213			
21	Portable Dental X-ray Scanner	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs	5000	No	No

Name		Type		Gender		Email		Contact				
Trisha Celine Anil		Student		Female		trishaviking@gmail.com		7337815999				
Name		Type		Gender		Email		Contact				
Harshita More		Student		Female		Harshitamore28@gmail.com		8486580472				
22	Plastic Shredding Machine	Product Innovation	Technological	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Adopted and Implemented at Ground	No	No	Grant Amount in Rs 5000	No	No
Name		Type		Gender		Email		Contact				
Atishay Jain		Student		Male		atishay.jainofficials@gmail.com		9802694272				
Name		Type		Gender		Email		Contact				
Arun Shanbhag		Faculty		Male		arun.shanbhag@manipal.edu		7349784278				
23	Revex - Electric Scooter	Product Innovation	Technological	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 22520	No	No
Name		Type		Gender		Email		Contact				
Prateek Kapoor		Student		Male		prateek.kapoor6@gmail.com		8900144615				
Name		Type		Gender		Email		Contact				
Mohit Jain		Student		Male		mohitjain0576@gmail.com		9513391453				

24	Weather Station	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 5000	No	No
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Name	Type	Gender	Email	Contact
Saurabh Pareek	Student	Male	saurabhpareek000@gmail.com	8073203511

25	Handheld Dynamometer: Accurately assessing grip strength in Physio Therapy Clinics	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured Provenance Winner	No	Grant Amount in Rs 45000	No	No
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Name	Type	Gender	Email	Contact
Paurvi Kedia	Student	Female	paurvi.kedia@gmail.com	7022358602

Name	Type	Gender	Email	Contact
Siddharth Goel	Student	Male	siddharth.rgoel@gmail.com	8826382391
Shovan Saha	Faculty	Male	shovan.saha@manipal.edu	8826382391

26	Kool Meenu	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 2156	No	No
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Name	Type	Gender	Email	Contact
Atishay Jain	Student	Male	atishay.jainofficials@gmail.com	9802694272

27	Nerve Stimulator for Dental offices	Product Innovation	Technological		Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 5000	No	No
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Name	Type	Gender	Email	Contact
"Titiksha Wagh "	Student	Female	titikshawagh10@gmail.com	8104613443

Name	Type	Gender	Email	Contact
Anahat Chugh	Student	Female	anahat.chugh@learner.manipal.edu	7022645222
Nakul Shetty	Faculty	Male	nakul.shetty@manipal.edu	9845258635

28	Vending Machine	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 5579	No	No
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Name	Type	Gender	Email	Contact
Atishay Jain	Student	Male	atishay.jainofficials@gmail.com	9802694272

Name		Type				Gender		Email		Contact		
Yash Aryan		Student				Male		yash.aryan1@learner.manipal.edu		9663516444		
29	Innovation Mural	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	No	No	Grant Amount in Rs 825	No
	Akash Ravindra		Student				Male		akash.ravindra@gmail.com		9902687937	
	Sandesh Manik		Student				Male		maniksandesh@gmail.com		9663502274	
30	Gesture Controlled Smart Mirror	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 2419	No
	Abhishek Gupta		Student				Male		abhishekgupta3199@gmail.com		8076422110	
31	Dental Bite Plate Vibrator	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	Grant Amount in Rs 2419	No
	Sakshi Sachedeva		Student				Female		sakshisachdeva56@gmail.com		8197030435	

32	3D Bio Printing	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 2132	No	No
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Name	Type	Gender	Email	Contact
Saurabh Pareek	Student	Male	saurabhpareek0000@gmail.com	8073203511

33	Ecomie: Ecofriendly architectural bricks from waste plastic	Process Innovation	Technological	Innovation Center, MAHE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured Provenance Runner UP	No	Grant Amount in Rs 15000	No	No
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Name	Type	Gender	Email	Contact
Ayush Narad	Student	Male	ayushnarad19@gmail.com	7052770077

Name	Type	Gender	Email	Contact
Atishay Jain	Student	Male	atishay.jainofficials@gmail.com	9802694272

34	Nova Electric: Battery powered kick scooter for corporate campuses	Process Innovation	Technological	Innovation Center, MAHE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured Provenance Runner Up	No	Grant Amount in Rs 15000	No	No
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Name	Type	Gender	Email	Contact
Hiren Bhanderi	Student	Male	hirenbhanderi109@gmail.com	8779662449

Name	Type	Gender	Email	Contact
Disha Biramane; Nilesh Nirmal	Student	Female	am.dishab@gmail.com	8329944986

35	Alert: Critical Allergy information is just a tap away	Process Innovation	Technological	Innovation Center, MAHE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured Provenance Runner Up	No	Grant Amount in Rs 15000	No	No
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Name	Type	Gender	Email	Contact
Nichelle Pires	Student	Male	nichelle.pires@gmail.com	7259606216

Name	Type	Gender	Email	Contact
Reuben Nelliserry	Student	Male	reubennelliserry@gmail.com	8378921004

36	O21: An Indigenous Oxygen Air Blender	Process Innovation	Technological	Innovation Center, MAHE	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured Provenance Runner Up	No	Grant Amount in Rs 15000	No	No
Name		Type			Gender			Email			Contact				
Vaibhav Thacker		Student			Male			vaibhavthacker95@gmail.com			7259624308				
Name		Type			Gender			Email			Contact				
Dr. Leslie Lewis		Faculty			Male			leslie.lewis@manipal.edu			7259624308				

37	Helme-tech - Enhance injury and accident detection for emergency services in RTA's involving motorcycles	Product Innovation	Technological	Innovation Center, MAHE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured We are able Dev ice Hackath on 2019 winner	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender			Email			Contact				
Siddharth Goel		Student			Male			siddharth.goel@gmail.com			8826382391				

Name	Type	Gender	Email	Contact
Ishan Trivedi	Student	Male	ishan2823trivedi@gmail.com	8756946912
Amitavikram Sattigeri	Student	Male	amit.sattigeri@gmail.com	9535100727
Sachin Agarwal	Student	Male	agarwalsachin050@gmail.com	9057794733
Apoorv Jha	Student	Female	jha.apy@gmail.com	9871083993

38

Shot Trackers - Prevention of ankle injuries in basketball with a device in the sole of the shoe.	Product Innovation	Technological	Innovation Center, MAHE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured We are Device Hackathon 2019 winner	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
Navayshree Shetty	Student	Female	navayshreesetty@yahoo.com	9972428941

Name	Type	Gender	Email	Contact
Umang Chandna	Student	Male	chandnaumang@gmail.com	9672051238
Ansh Tiwari	Student	Male	ansh.tiwari@outlook.com	7999431815
Hariharan K	Student	Male	reachk.hariharan@gmail.com	9980558507

39	BabySafe - IOT Wearable monitoring fetal movements and heart rate	Product Innovation	Technological	Innovation Center, MAHE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured We are Dev Ice Hackathon 2019 winner	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
Atishay Jain	Student	Male	atishay.jainofficials@gmail.com	9802694272

Name	Type	Gender	Email	Contact
Ann Joy	Student	Male	annjoy17@gmail.com	8301919618
Anahat Chugh	Student	Female	anahat.chugh@gmail.com	7022645222
Mohit Jain	Student	Male	mohitjain0576@gmail.com	9513391453
Taruna Rathore	Student	-	taruna2595@gmail.com	9717594490

40	FlexMore	Product Innovation	Technological	Innovation Center, MAHE	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured Innovation Festival winner	No	Grant Amount in Rs 25000	No	No
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Name	Type	Gender	Email	Contact
Desai Riman Deepak	Student	Female	rimandesai@gmail.com	7021263536

Name	Type	Gender	Email	Contact
Zeal Sujith Kadakia	Student	Male	zeal.kadakia.20@gmail.com	9619444194
Dr. Manikandan N	Faculty	Male	mani.kandan@manipal.edu	9886898064
Dr. Meenatchisundaram S	Faculty	Male	meena.sundar@manipal.edu	9448547155

41	Laser-Based Crystallization of Amino Acids: A Cheap and Fast Technology for Commercial Applications	Product Innovation	Technological	Innovation Center, MAHE	Student-Faculty	TRL 0: Idea. Unproven concept, no testing has been performed.	TRL 4: Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured Innovation Festival winner	No	Grant Amount in Rs 15000	No	No
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Name	Type	Gender	Email	Contact
Abdul Ajees Abdul Salam	Faculty	Male	abdul.ajeas@manipal.edu	8147966458

Name	Type	Gender	Email	Contact
Sudarshan Acharya	Student	Male	acharyamoodubelle@gmail.com	8147966458
Sajan D. George	Faculty	Male	sajan.george@manipal.edu	0
Aseefhali Bankapur	Faculty	Male	asif.bankapur@manipal.edu	9880622130
Santhosh Chidangil	Faculty	Male	santhosh.cls@manipal.edu	9880092297
Deepak Mathur	Faculty	Male	deepak.mathur@manipal.edu	0

42	Portable Dental Auxiliary	Product Innovation	Technological	Innovation Center, MAHE	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	Agency Name Innovation Center, MAHE	Agency Type Educational Institute	Award / Position / Recognition Secured Innovation Festival winner	No	Grant Amount in Rs 10000	No	No
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Name	Type	Gender	Email	Contact
Mr. Aakash Jain	Student	Male	aakashjain96@gmail.com	9772672270

Name	Type	Gender	Email	Contact
Dr. Joanna Baptist	Student	Male	joanna.baptist@manipal.edu	9448054924
Ms. Rushita Pati	Student	Female	rushitap@gmail.com	9908221815

43	Formula Manipal Combustion	Product Innovation	Technological	Tech Shop MIT	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	Agency Name Formula Bha rat 202 0	Agency Type Corporate / Industry Association	Award / Position / Recognition Secured All India 3rd and 1st Place in Business Plan Event	No	Grant Amount in Rs 1000000	No	No
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Name	Type	Gender	Email	Contact
Aayan Aziz	Student	Male	aayanaziz@yahoo.in	6205153472

Name	Type	Gender	Email	Contact
Abhilash Ankola	Student	Male	abhilash.ankola@gmail.com	6363134245

44	Team Manipal Racing	Product Innovation	Technological	Tech Shop MIT	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Adopted and Implemented at Ground	Agency Name	ESI	No	Grant Amount in Rs 1500000	No	No
								Agency Type	Not-Govt. Agencies					
								Award / Position / Recognition Secured	6th place					

Name	Type	Gender	Email	Contact
Kartik K Badiger	Student	Male	kartikbadiger13@gmail.com	9834698529

Name	Type	Gender	Email	Contact
Vedant Murugkar	Student	Male	vedantmurugkar@gmail.com	8291998017

47	Parikshit - Develop a Satellit	Product Innovation	Technological	Tech Shop MIT	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 500000	No	No
Name		Type			Gender		Email			Contact			
Chinmay Marathey		Student			Male		chinmay.marathey@learner.manipal.edu			9820552439			
Name		Type			Gender		Email			Contact			
Arinjay Sinha		Student			Male		arinjay.sinha@learner.manipal.edu			8431791261			

48	SolarMobil	Product Innovation	Technological	Tech Shop MIT	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	Agency Name Imperial Society of Innovative Engineers (ISIE India)	Agency Type Not-Govt. Agencies	Award / Position / Recognition Secured Sponsored to exhibit at Future Mobility Show 2019 Organized by the CII Bangalore and the Champion of Champions, Vijayawada	No	Grant Amount in Rs 2000000	No	No
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Name	Type	Gender	Email	Contact
Namezeno P	Student	Male	namezeno.p1@learner.manipal.edu	7892618383

Name	Type	Gender	Email	Contact
Amith Bala	Student	Male	amith.bala1@learner.manipal.edu	8138926789

49	Project Manas - Autonomous Car	Product Innovation	Technological	Tech Shop MIT	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	Agency Name University of Michigan	Agency Type International Agencies	Award / Position / Recognition Secured Grand Champions Trophy (Lescocoe Cup)	No	Grant Amount in Rs 1200000	No	No
Name		Type			Gender			Email			Contact				
Ritwik Agarwal		Student			Male			projectmanas.mit@gmail.com			9608155006				
Name		Type			Gender			Email			Contact				
Harsh Barde		Student			Male			projectmanas.mit@gmail.com			6362959071				

50	Mars Rover Manipal	Product Innovation	Technological	Tech Shop MIT	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Adopted and Implemented at Ground	Agency Name Mars Society South Asia (MS SA)	Agency Type Not-Govt. Agencies	Award / Position / Recognition Secured Secured 1st place in Indian Rover Design Challenge (IRDC) 2020 and 3rd place in International Mars Hackathon (IMH) 2020	No	Grant Amount in Rs 1500000	No	No
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Name	Type	Gender	Email	Contact
Udit Sharma	Student	Male	uditsharma.2000@gmail.com	6283077142

Name	Type	Gender	Email	Contact
Parthivi Choubey	Student	Female	parthivichoubey@gmail.com	8692909213

51	Rugved	Product Innovation	Technological	Tech Shop MIT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	Agency Name	For d	No	Grant Amount in Rs	800000	No	No
										Agency Type	Corporate / Industry Association				
										Award / Position / Recognition Secured	2nd Prize in For d GME Hackathon				
Name					Type				Gender			Email		Contact	
Enrique Ferrao					Student				Male			eferrao.ef@gmail.com		8433946260	
Name					Type				Gender			Email		Contact	
Sonalika Sahoo					Student				Female			sonalika2405@gmail.com		9967278520	
52	ThrustMIT	Product Innovation	Technological	Tech Shop MIT	Student	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	No	Grant Amount in Rs	1000000	No	No
Name					Type				Gender			Email		Contact	
Sai Sankalp S					Student				Male			teamleader@thrustmit.in		8861402144	
Name					Type				Gender			Email		Contact	
Vandan Chinnappa					Student				Male			team.manager@thrustmit.in		9632856826	

53	DronAid	Product Innovation	Technological	Tech Shop MIT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 500000	No	No
					Name		Type		Gender		Email		Contact
					Aravind Variyath		Student		Male		variyyatharavind@gmail.com		9591923111
					Name		Type		Gender		Email		Contact
					Amit Nambiar		Student		Male		amitnambiar961@gmail.com		9686154997

54	MotoManipal	Product Innovation	Technological	Tech Shop MIT	Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	Agency Name Imagine to Innovate (Asian E-Bike Challenge)	Agency Type Not-Govt. Agencies	Award / Position / Recognition Secured Best Aesthetics and Ergonomics Best Innovation Best Commercial Bike Best Innovative and Clearest Pits Engineering Design Runners Up and Business Plan 2nd Runners Up	No	500000	No	No
												Grant Amount in Rs			

Name	Type	Gender	Email	Contact
Rishabh Suri	Student	Male	rishabhsuri17@gmail.com	7676207616

Name		Type				Gender		Email		Contact		
Arav Gupta		Student				Male		aravaarush@gmail.com		9731517216		
55	Robotics and Circuits	Product Innovation	Technological	Tech Shop MIT	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 99000	No
	Name		Type				Gender		Email		Contact	
	Parth Sirohi		Student				Male		sirohparth@gmail.com		6362920197	
	Name		Type				Gender		Email		Contact	
Nihaarika Agarwal		Student				Female		nihaarika.a22@gmail.com		7666781466		
56	Combat Robotics	Product Innovation	Technological	Tech Shop MIT	Student	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	No	Grant Amount in Rs 200000	No
	Name		Type				Gender		Email		Contact	
	Nishown P Ranger		Student				Male		nishown2000@gmail.com		9110240061	
	Name		Type				Gender		Email		Contact	
Glen Felix		Student				-		glenfelix1234@gmail.com		7338307130		
-		Student				Male		kashyapmbhat07@gmail.com		9480352540		

57	loopMIT	Product Innovation	Technological	Tech Shop MIT	Student	TRL 2 : Technology formulation Concept and application have been formulated.	TRL 2 : Technology formulation Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	600000	No	No
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Grant Amount in Rs	600000
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Name	Type	Gender	Email	Contact
Jeffy Biju	Student	Male	jeffy10biju@gmail.com	7710809725

Name	Type	Gender	Email	Contact
Tejas Sai Gajjala	Student	Male	tejasgajjala@gmail.com	6362940770

58	Cryptonite	Process Innovation	Technological	ICT Dept, Laboratory	Student	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Cynthia Maria Royden Dsouza	Student	Female	cynthiamrd2014@gmail.com	9769301831

Name	Type	Gender	Email	Contact
Aman Priyanshu	Student	Male	amanpriyanshusms2001@gmail.com	7738225541

59	Manipal BioMachines	Product Innovation	Technological	Biotech Labs	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Dropped	Agency Name	iGEM	No	Grant Amount in Rs	500000	No	No
									Agency Type	International Agencies					
									Award / Position / Recognition Secured	Gold Medal					
Name		Type			Gender		Email			Contact					
Varun Udaya Kumar		Student			Male		varun.kumar27@learner.manipal.edu			9036536096					
Name		Type			Gender		Email			Contact					
Soumodeep Sarkar		Student			Male		soumodeep.sarkar1@learner.manipal.edu			7020501395					
60	Myoot - Electric Kick Scooter	Product Innovation	Technological		Alumni	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	No	Yes	Grant Amount in Rs	250000	No	Amount Received in Rs.	25000
Name		Type			Gender		Email			Contact					
Mr. Hiren Bhanderi		Alumni Entrepreneur			Male		hirenbhanderi109@gmail.com			8779662449					

61	Portable Biomedical refrigerator	Product Innovation	Technological		Alumni	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 7 : Demonstration system operating in operational environment at pre-commercial scale.	Innovation Development Ongoing	Agency Name Qua lco mm Des ign in Indi a Cha llen ge	Agency Type Inte rnat ional Age ncie s	Awar d / Posi tion / Reco gnitio n Secu red	top- 10 sele cted com pani es	No	4952319	No	750000
													Grant Amount in Rs	Amount Received in Rs.		
Name					Type				Gender			Email			Contact	
Mayur Shetty					Alumni Entrepreneur				Male			mayurshetty@blackfrog.in			9880319799	

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

Sr no	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/ incubation or institute during the financial period 2019-20	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 2019-20																	
1	Assista Health Care Pvt Ltd	Product Innovation	Technological	6298	Student	Venture with Corporate Identification Number (CIN) Registration U73200KA2020PTC134666	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs 100000	No	No																		
<table border="1"> <thead> <tr> <th>Name</th> <th>DIN number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Siddharth Goel</td> <td>08755589</td> <td>Student</td> <td>Male</td> <td>siddharth.rgoel@gmail.com</td> <td>8826382391</td> </tr> <tr> <td>Paurvi Kedia</td> <td>-</td> <td>Alumni Entrepreneur</td> <td>Female</td> <td>paurvi.kedia@gmail.com</td> <td>7022358602</td> </tr> </tbody> </table>													Name	DIN number	Type	Gender	Email	Contact	Siddharth Goel	08755589	Student	Male	siddharth.rgoel@gmail.com	8826382391	Paurvi Kedia	-	Alumni Entrepreneur	Female	paurvi.kedia@gmail.com	7022358602
Name	DIN number	Type	Gender	Email	Contact																									
Siddharth Goel	08755589	Student	Male	siddharth.rgoel@gmail.com	8826382391																									
Paurvi Kedia	-	Alumni Entrepreneur	Female	paurvi.kedia@gmail.com	7022358602																									
2	VAJRR	Service Innovation	Technological	5313	Student	Venture with Corporate Identification Number (CIN) Registration 29EMLPK6056H1ZJ	2018-19	Received Incubation Support from Incubation Unit	No	No	No	No																		
<table border="1"> <thead> <tr> <th>Name</th> <th>DIN number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>M Srinivas Kini</td> <td>0</td> <td>Student</td> <td>Male</td> <td>srinivaskini926@gmail.com</td> <td>9483927247</td> </tr> </tbody> </table>													Name	DIN number	Type	Gender	Email	Contact	M Srinivas Kini	0	Student	Male	srinivaskini926@gmail.com	9483927247						
Name	DIN number	Type	Gender	Email	Contact																									
M Srinivas Kini	0	Student	Male	srinivaskini926@gmail.com	9483927247																									
3	XeA Innovations Pvt. Ltd.	Service Innovation	Technological	6298	Student	Venture with Corporate Identification Number (CIN) Registration U80301KA2020PTC 139781	2019-20	Received Incubation Support from Incubation Unit	No	No	No	Yes																		

Name	DIN number	Type	Gender	Email	Contact
Jithin sunny	8918993	Student	Male	jithin_sunny@yahoo.com	9591531802

Rangan Viveganandan	-	Student	Male	ranganvm1996@gmail.com	9108768986
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4	AARAY Health Solutions Private Limited	Service Innovation	Technological	5315	Faculty	Venture with Corporate Identification Number (CIN) Registration	0	2019-20	Received Incubation Support from Incubation Unit	No	No	No	Amount Received in Rs.	4000	No
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Name	DIN number	Type	Gender	Email	Contact
Dr. SINGARA RAJAN SHINY JASPHIN	8733095	Student	Male	drshinyjasphin@gmail.com	9739314520

ARUL AMUTHAN LAZER	8733096	Faculty	Male	arul.amuthan@manipal.edu	9986353238
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5	AIRONC Healthcare Technologies Private Limited	Product Innovation	Technological	5315	Faculty	Venture with Corporate Identification Number (CIN) Registration	0	2019-20	Received Incubation Support from Incubation Unit	No	No	No	Amount Received in Rs.	8000	No
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Name	DIN number	Type	Gender	Email	Contact
Dr. Shirley Christabel Lewis	8602045	Faculty	Male	shirley.lewis@radonc.ai	7700083356

Shimove Gaspar Lewis	08602046	Faculty	Male	simon.lewis@radonc.ai	7700083356
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6	ALANTIS SCIENCES India PVT LTD	Service Innovation	Techno logical	5315	Facu lty	Venture with Corporate Identification Number (CIN) Registration	0	2019 -20	Received Incubation Support from Incubation Unit	No	No	No	Amount Received in Rs .	8000	No
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Name	DIN number	Type	Gender	Email	Contact
Dr. KAPAETTU SATYAMOORTHY	8695172	Faculty	Male	ksatyamoorthy@manipal.edu	9845718604

Dr. SHAMA PRASADA KABEKKODU	08697970	Faculty	Male	spbhat81@gmail.com	9886741415
Dr. Manesh Thomas	06992650	Staff	Male	manesh8tt@gmail.com	9909577323

7	Concipo Enterprise Private Limited	Service Innovation	Techno logical	5315	Facu lty	Venture with Corporate Identification Number (CIN) Registration	-	2018 -19	Received Incubation Support from Incubation Unit	No	No	No	Amount Received in Rs .	14000	No
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Name	DIN number	Type	Gender	Email	Contact
Dr. RANAJIT DAS	8287815	Faculty	Male	das.ranjit@gmail.com	8582802871

Dr. PRIYANKA UPADHYAI	8287816	Faculty	Female	concipio.enterprise@gmail.com	0
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8	Suma Genomics Pvt. Ltd.	Service Innovation	Technological	5313	Faculty	Venture with Corporate Identification Number (CIN) Registration	0	2018-19	Received Incubation Support from Incubation Unit	No	No	No	Amount Received in Rs.	96000	No
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Name	DIN number	Type	Gender	Email	Contact
Dr. Girisha Katta	0008320941	Faculty	Male	girish.katta@manipal.edu	9743489467

Katta Mohan Kumar	-	Innovator/Entrepreneur External to Institute	Male	-	-
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9	UWS Technologies Pvt. Ltd.	Service Innovation	Technological	863	Faculty	Venture with Corporate Identification Number (CIN) Registration	0	2018-19	Received Incubation Support from Incubation Unit	No	No	No	Amount Received in Rs.	111500	No
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Name	DIN number	Type	Gender	Email	Contact
Ms. Srinidhi Acharya	0008576653	Innovator/Entrepreneur External to Institute	Female	udupiwebsolutions@gmail.com	8884200788

Shribhagy Shrisha Acharya	0008320942	Innovator/Entrepreneur External to Institute	Female	udupiwebsolutions@gmail.com	0
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10	C-Myoot Technologies Pvt. Ltd.	Product Innovation	Technological	5313	Alumni	Venture with Corporate Identification Number (CIN) Registration	0	2019-20	Received Incubation Support from Incubation Unit	No	Grant Amount in Rs	250000	No	Amount Received in Rs	250000	No
Name		DIN number		Type		Gender		Email		Contact						
Mr. Hiren Bhanderi		07871896		Alumni Entrepreneur		Male		hirenbhanderi109@gmail.com		8779662449						
11	Farmcent Agri Solutions Private Limited	Service Innovation	Technological	5313	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	0	2019-20	Venture Development Dropped	No	Grant Amount in Rs	216000	No	Amount Received in Rs	216000	No
Name		DIN number		Type		Gender		Email		Contact						
Sharath Patil		08619161		Innovator/Entrepreneur External to Institute		Male		sharath@fundmycrop.com		7760213761						
12	"A social media marketing software for SME / Startups to generate more leads using social media. "	Service Innovation	Technological	5313	External to the Institute/Incubatee	Venture with Corporate Identification Number (CIN) Registration	0	2019-20	Venture Development Dropped	No	Grant Amount in Rs	180000	No	Amount Received in Rs	180000	No

Name		DIN number		Type		Gender		Email		Contact	
Shamnas		008420970		Innovator/Entrepreneur External to Institute		Male		shamnas@socialhoox.com		6238357225	

13	NSR : Nutrition Support Resources Platform	Service Innovation	Technological	5313	External to the Institute/ncubatee	Venture with Corporate Identification Number (CIN) Registration	0	2019-20	Venture Development Dropped	No	Grant Amount in Rs	115000	No	Amount Received in Rs	115000	No
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Name		DIN number		Type		Gender		Email		Contact	
Nikesh Kumar Jain		0007793697		Alumni Entrepreneur		Male		info.nikeshjain@gmail.com		8010583325	

Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

Srno	Collaborated Agency Name	Collaborated Agency Type	Purpose of Collaboration	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups from the HEI get benefitted through this partnership	Date of MOU / Agreement Signed on
1	EDII, Ahmedabad	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	22	29-08-2019

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

Srno	Title/Name of IP(Copyright & Designs Only)	Type of IP(Copyright & Designs Only)	IP(Copyright & Designs Only) Registration Number of Copyright/Design	Application Level	Date of Copyright / Design IP Filed/ Published (Year, Month)	Copy of receipt / application screenshot [PDF or Image]	Current Status of IP(Copyright & Designs Only) as on 31st March 2020	Has this IP(Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	Standardized Radiation Perception Tool for Radiology Technologists	IPRFiledPublished	L-84703/2019	National	2019 - 06	Uploaded	Granted	Yes
Department/Centre Name								
MCHP, Manipal; KMC, Mpl								
2	Manipal Musculoskeletal Dysfunction Screening Tool for Pregnant Women	IPRFiledPublished	L-85469/2019	National	2019 - 08	Uploaded	Granted	Yes

	Department/Centre Name							
	MCHP, Manipal; KMC, Mpl							
3	Procedure for Manipal Upper Extermity Propioception Test	IPRFiledPublished	L-86197/2019	National	2019 - 08	Uploaded	Granted	Yes
	Department/Centre Name							
	MCHP, Manipal							
4	Prevention Bundle for Neonatal Healthcare-Associated Infections	IPRFiledPublished	L-86190/2019	National	2019 - 09	Uploaded	Granted	Yes
	Department/Centre Name							
	PSPH, Manipal; KMC, Manip							
5	Thought Pattern Questionnaire (English)	IPRFiledPublished	L-87027/2019	National	2019 - 09	Uploaded	Granted	Yes
	Department/Centre Name							
	MMMC, Manipal							
6	Thought Pattern Questionnaire (Kannada)	IPRFiledPublished	L-87499/2019	National	2019 - 09	Uploaded	Granted	Yes
	Department/Centre Name							
	MMMC, Manipal							
7	Manual for Double Dichotic Test - Kannada	IPRFiledPublished	5191/209-CO/L	National	2019 - 04	Uploaded	Granted	Yes
	Department/Centre Name							
	MCHP, Manipal							
8	Use of Elevators in Dental Extraction	IPRFiledPublished	6758/2019-CO/	National	2019 - 05	Uploaded	Granted	Yes
	Department/Centre Name							
	MCODS, Manipal							
9	Development and Validation of a Tool to Assess the Knowledge, Attitude and Perception of women towards screening Mammography	IPRFiledPublished	9479/2019-CO/	National	2019 - 06	Uploaded	Granted	Yes
	Department/Centre Name							
	MCHP, Manipal; KMC, Mpl							

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Device for inspecting dimensions of tool holder	201941013525	National	2019 - 04	Uploaded
2	A SYSTEM AND METHOD FOR TREATING SLEEP APNOEA	201941016783	National	2019 - 04	Uploaded
3	AUTOMATICALLY CONTROLLED HANDS FREE ELECTROLARYNX SYSTEM AND METHOD	201941019052	National	2019 - 05	Uploaded
4	CUSTOMIZED ACRYLIC PROSTHESIS FOR REPLACEMENT OF JUXTA ARTICULAR SEGMENT OF NONWEIGHT BEARING BONES	201941018628	National	2019 - 05	Uploaded
5	A SYSTEM FOR PERFORMING A BINARY DIVISION	201941023752	National	2019 - 06	NA
6	DEVICE FOR MOUNTING AND ORIENTING DENTAL CASTS ON A DENTAL ARTICULATOR	201941023756	National	2019 - 06	Uploaded
7	SYSTEM AND METHOD FOR LOCATING AND ENABLING RETRIEVAL OF CONTAINERS FROM A TRAY	201941027085	National	2019 - 07	NA
8	DEVICE FOR ENTRAPMENT OF INFECTIOUS MATERIALS DURING DENTAL PROCEDURES	201941033573	National	2019 - 08	Uploaded
9	SYSTEM, MEDICAL DEVICE AND METHOD FOR DIAGNOSING MEDICAL CONDITIONS OF A PATIENT	201941034195	National	2019 - 08	Uploaded
10	A DEVICE WITH MULTIPLE RETRACTORS FOR SIMULTANEOUS RETRACTION	201941035785	National	2019 - 09	Uploaded
11	"A PARAFFIN BASED COMPOSITION AND PAPER BASED SYSTEM FOR Detection OF MICROBES"	201941036676	National	2019 - 12	Uploaded
12	A SYSTEM FOR EJECTION	201941044944	National	2019 - 05	Uploaded
13	A finger mounted illumination device	201941041206	National	2019 - 11	Uploaded
14	A device to measure pressure exerted by fluid	201941050409	National	2019 - 12	Uploaded
15	MECHANICALLY VARIABLE MAGNETIC FLUX BASED BRUSHLESS DC DRIVE MOTOR FOR ELECTRIC VEHICLES	201941051085	National	2019 - 12	Uploaded
16	AN AERIAL POWER GENERATION SYSTEM	201941051949	National	2019 - 12	Uploaded
17	" AN ENVIRONMENTALLY FRIENDLY DYE AND A METHOD TO PRODUCE THE DYE	202041001379	National	2020 - 01	NA
18	A BIOCHEMICAL DETECTION STRIP AND A METHOD TO DETECT AN ANALYTE	202041001862	National	2020 - 01	Uploaded
19	SYSTEM AND METHOD FOR MONITORING DERMAL CONDITION	202041003116	National	2020 - 01	Uploaded
20	Hybrid Modular Earphone Assembly	202041008329	National	2020 - 02	Uploaded
21	Hue Based Imaging System	201941043676	National	2019 - 10	Uploaded

22	A METHOD AND DEVICE FOR DETECTING FOOT COMPLICATIONS USING PLANTER TEMPERATURE PROFILER	201841049616	National	2019 - 12	Uploaded
23	Electric mobility device with dual modes	201941014482	National	2019 - 04	Uploaded
24	UNIVERSAL SELF ALIGNING AUTOMATED GEAR HOBBING FIXTURE	201941014152	National	2019 - 04	Uploaded
25	SLIP MECHANISM FOR A POWER TAKE-OFF SHAFT	201941036301	National	2019 - 09	Uploaded
26	HELICAL CAPACITANCE LEVEL SENSOR WITH ADAPTIVE SENSING	201941014455	National	2019 - 12	Uploaded
27	Intraoral Polymeric Patch for Controlled Release of Medicaments	201941013781	National	2019 - 05	Uploaded