



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: MUTHOOT INSTITUTE OF TECHNOLOGY AND SCIENCE [ARI-C-51533]

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	INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC)	Pre-incubation unit	Innovation and Entrepreneurship	UG / PG / PhD	Technical	0	7	0
2	COMPUTER SCIENCE AND ENGINEERING	Research Unit / Park	Computer Science and Engineering	UG / PG / PhD	Technical	6	11	0
3	COMPUTER SCIENCE AND ENGINEERING	Industry Institute Interface Unit	Application Development	UG / PG / PhD	Technical	180	15	5
4	COMPUTER SCIENCE AND ENGINEERING	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Innovation	UG / PG / PhD	Technical	50	15	0
5	COMPUTER SCIENCE AND ENGINEERING	Centre of Excellence with Advance Tools & Equipment	Artificial Intelligence and Business Intelligence	UG / PG / PhD	Technical	100	15	5
6	COMPUTER SCIENCE AND ENGINEERING	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	240	15	5
7	ELECTRONICS AND COMMUNICATION ENGINEERING	Research Unit / Park	Electronics and Communication Engineering	UG / PG / PhD	Technical	8	10	0
8	ELECTRONICS AND COMMUNICATION ENGINEERING	Industry Institute Interface Unit	VLSI and Communication systems	UG / PG / PhD	Technical	108	3	0
9	ELECTRONICS AND COMMUNICATION ENGINEERING	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Control Systems	UG / PG / PhD	Technical	0	2	0
10	ELECTRONICS AND COMMUNICATION ENGINEERING	Centre of Excellence with Advance Tools & Equipment	RF, VLSI and Embedded systems	UG / PG / PhD	Technical	159	10	4
11	ELECTRONICS AND COMMUNICATION ENGINEERING	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Technical	217	15	4
12	CIVIL ENGINEERING	Research Unit / Park	Civil Engineering	UG / PG / PhD	Technical	8	8	0
13	CIVIL ENGINEERING	Industry Institute Interface Unit	Civil Engineering	UG / PG / PhD	Technical	0	10	5

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

14	CIVIL ENGINEERING	Academic Department with lab facility	Civil Engineering	UG / PG / PhD	Technical	231	15	5
15	ELECTRICAL AND ELECTRONICS ENGINEERING	Academic Department with lab facility	Electrical and Electronics Engineering	UG / PG / PhD	Technical	199	16	4
16	ELECTRICAL AND ELECTRONICS ENGINEERING	Centre of Excellence with Advance Tools & Equipment	Industrial automation	UG / PG / PhD	Technical	59	4	3
17	ELECTRICAL AND ELECTRONICS ENGINEERING	Research Unit / Park	Electrical and Electronics Engineering	UG / PG / PhD	Technical	12	10	0
18	ELECTRICAL AND ELECTRONICS ENGINEERING	Industry Institute Interface Unit	Automation	UG / PG / PhD	Technical	59	4	3
19	MECHANICAL ENGINEERING	Research Unit / Park	Mechanical Engineering	UG / PG / PhD	Technical	0	11	1
20	MECHANICAL ENGINEERING	Industry Institute Interface Unit	Mechanical Engineering	UG / PG / PhD	Technical	60	0	0
21	MECHANICAL ENGINEERING	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	236	16	9
22	MITS INNOVATION CELL	Pre-incubation unit	Innovation	UG / PG / PhD	Technical	0	2	0
23	BASIC SCIENCES AND HUMANITIES	Research Unit / Park	Basic Sciences and Humanities	UG / PG / PhD	Both	0	10	0
24	BASIC SCIENCES AND HUMANITIES	Academic Department with lab facility	Basic Sciences and Humanities	UG / PG / PhD	Both	272	15	1

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

Programs/Initiatives	Status	Registration ID
Adopted National Innovation and Start-up Policy at the HEI	Yes	Not Required
Establishment of Institution's Innovation Council (IIC) at HEI	YES	IIC Registration ID : IC201810186
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)	No	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration (in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
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Section 1 > i : Details of Co-curricular events/programs related to Innovation, IPR and Entrepreneurship/Start-up Conducted by the HEI

1	Project Expo	Innovation	Exhibition	Institute Lead Activity	Department of Computer Science and Engineering	21-11-2019 00:00:00	21-11-2019 00:00:00	1	Within Campus	60	2	0	0	62	No	No			
2	Hour of Code	Innovation	Awareness	Student Lead Activity	Muthoot Institute of Technology and Science ACM Student Chapter	29-10-2019 00:00:00	29-10-2019 00:00:00	1	Outside Campus	5	1	50	5	61	No	No			
3	Academic Forum Workshop	Innovation	Workshop	Student Lead Activity	PMI Academic Forum at MITS	25-01-2020 00:00:00	25-01-2020 00:00:00	1	Within Campus	20	1	0	5	26	No	No			
4	Industrial Visit to IBM Bengaluru	Innovation	Exposure visit	Student Lead Activity	Department of Computer Science and Engineering	01-03-2020 00:00:00	01-03-2020 00:00:00	1	Outside Campus	58	2	0	0	60	No	No			
5	Invited talk on "Avenues in mechanical engineering"	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering Department	20-01-2020 00:00:00	20-01-2020 00:00:00	1	Within Campus	180	2	0	0	182	<table border="1"> <tr> <td>Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)</td> <td>3000</td> </tr> </table>		Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No
Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000																		
6	FDP "Method and applications using matlab and ansys"	Innovation	Training	Institute Lead Activity	Mechanical Engineering Department	24-01-2020 00:00:00	24-01-2020 00:00:00	1	Within Campus	0	12	0	0	12	No	No			
7	Invited talk on "Oil and gas, NDT and QC"	Innovation	Awareness	Institute Lead Activity	Mechanical Engineering Department	02-03-2020 00:00:00	02-03-2020 00:00:00	1	Within Campus	120	3	0	0	123	No	No			
8	Invited talk on "An overview on leading software products"	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering Department	03-02-2020 00:00:00	03-02-2020 00:00:00	1	Within Campus	120	2	0	0	122	No	No			

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9	Invited talk on "Polymers as engineering materials"	Innovation	Seminar	Institute Lead Activity	Mechanical Engineering Department	27-01-2020 00:00:00	27-01-2020 00:00:00	1	Within Campus	120	2	0	0	122	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No						
10	MITS Innovation Challenge	Innovation	Innovation Contest	Institute Lead Activity	IEDC MITS	04-03-2020 00:00:00	04-03-2020 00:00:00	1	Within Campus	72	18	0	0	90	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	15000	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Cash award</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Innovation Contest</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>	Award / Position / Recognition Secured	Cash award	Title of Innovation / Start-up Secured the Award / Recognition	Innovation Contest	Award/Recognition/Achievement Received for	
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11	Two days workshop on effective presentation skills and idea pitching	Innovation	Workshop	Institute Lead Activity	IEDC MITS	24-04-2019 00:00:00	25-04-2019 00:00:00	2	Within Campus	4	0	41	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1020	No						
12	Talk on how to convert a business idea into startup and the various fundings	Entrepreneurship/Start-up	Awareness	Institute Lead Activity	IEDC MITS	29-04-2019 00:00:00	29-04-2019 00:00:00	1	Within Campus	40	1	0	0	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No						
13	Talk on patent schemes by Kerala startup mission	IPR	Awareness	Institute Lead Activity	IEDC MITS	16-05-2019 00:00:00	16-05-2019 00:00:00	1	Within Campus	30	1	0	0	31	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No						
14	School students training programme on AI, IOT and Drone workshop	Innovation	Training	Institute Lead Activity	IEDC MITS	27-11-2019 00:00:00	27-11-2019 00:00:00	1	Within Campus	0	0	100	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	20000	No						

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15	WING Women Rise Together Workshop	Entrepreneurship/Startup	Workshop	Institute Lead Activity	IEDC MITS	13-02-2020 00:00:00	14-02-2020 00:00:00	2	Within Campus	50	0	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1864	No
16	Workshop on Introduction to Arduino Programming	Innovation	Awareness	Student Lead Activity	IEEE Student Branch	28-08-2019 00:00:00	28-08-2019 00:00:00	1	Within Campus	58	1	0	0	59	No	No	
17	IOT Workshop	Innovation	Workshop	Student Lead Activity	IEEE Student Branch	29-02-2020 00:00:00	29-02-2020 00:00:00	1	Within Campus	51	0	0	0	51	No	No	
18	Chatbot Workshop	Innovation	Workshop	Student Lead Activity	IEEE Student Branch	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	22	1	0	0	23	No	No	
19	Technical talk on "Cantilever Construction of Kochi Metro"	Innovation	Awareness	Institute Lead Activity	Department of Civil Engineering	17-02-2020 00:00:00	17-02-2020 00:00:00	1	Within Campus	240	15	0	0	255	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	450	No
20	Talk on "Artificial Intelligence"	Innovation	Awareness	Institute Lead Activity	Civil engineering department	27-01-2020 00:00:00	27-01-2020 00:00:00	1	Within Campus	120	15	0	0	135	No	No	
21	Technical talk on "How to become an efficient Civil Engineer"	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	Department of Civil Engineering	10-10-2019 00:00:00	10-10-2019 00:00:00	1	Within Campus	120	12	0	0	132	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	550	No
22	Technical talk on "Economic and durable concrete using blended cements"	Innovation	Awareness	Institute Lead Activity	Department of Civil Engineering	02-09-2019 00:00:00	02-09-2019 00:00:00	1	Within Campus	240	15	0	0	255	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	600	No
23	Talk on "Engineering our future"	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Department of Civil Engineering	16-08-2019 00:00:00	16-08-2019 00:00:00	1	Within Campus	240	15	0	0	255	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No

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24	Advanced Research and Innovation in Civil Engineering 2019	Innovation	Conference	Institute Lead Activity	Department of Civil Engineering	13-06-2019 00:00:00	14-06-2019 00:00:00	2	Within Campus	60	12	0	0	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	229550	No
25	VLSI Design using Cadence Toolsuite	Innovation	Workshop	Institute Lead Activity	Department of Electronics and Communication	12-10-2019 00:00:00	15-10-2019 00:00:00	4	Within Campus	33	4	0	0	37	No	No	
26	Technical talk on Security of Internet of Things	Innovation	Awareness	Institute Lead Activity	Department of Electronics and Communication	29-08-2019 00:00:00	29-08-2019 00:00:00	1	Within Campus	160	0	0	0	160	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No
27	Technical talk on Modern drifts in Automation & control technologies by Mr. Ajith Paul Abraham, Research Associate, IIT Bombay	Innovation	Awareness	Institute Lead Activity	Electrical and Electronics Engineering Department Association	21-01-2020 00:00:00	21-01-2020 00:00:00	1	Within Campus	110	12	0	0	122	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
28	Technical talk on Introduction to the role of machine learning in Power systems by Mr. Venugopalan Kurupath, Associate Professor, EEE Department, MITS	Innovation	Awareness	Institute Lead Activity	Electrical and Electronics Engineering Department Association	06-01-2020 00:00:00	06-01-2020 00:00:00	1	Within Campus	0	11	0	0	11	No	No	

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

29	Technical talk on Electric vehicle - scope and opportunities by Mr. Amal S, Joint Director, Power electronics group, CDAC Trivandrum	Innovation	Awareness	Institute Lead Activity	Electrical and Electronics Engineering Department Association	11-11-2019 00:00:00	11-11-2019 00:00:00	1	Within Campus	38	16	0	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	No
30	Technical talk on Internet of Things by Dr. Sobin C. C, Associate Professor, MES Kuttipuram	Innovation	Awareness	Institute Lead Activity	Electrical and Electronics Engineering Department Association	02-05-2019 00:00:00	02-05-2019 00:00:00	1	Within Campus	56	4	0	0	60	No	No	
31	Electronic product building	Innovation	Training	Institute Lead Activity	Truetek World	18-08-2019 00:00:00	20-08-2019 00:00:00	3	Within Campus	48	0	0	0	48	No	No	
32	Student Outreach program	Innovation	Skill development	Student Lead Activity	MITIS Innovation Centre	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	4	1	115	0	120	No	No	
33	Coding Club	Innovation	Skill development	Institute Lead Activity	MITIS Innovation Centre	03-03-2020 00:00:00	03-03-2020 00:00:00	1	Within Campus	43	1	0	0	44	No	No	
34	Industrial visit to Kairali wind farm, Ramakka Imedu	Innovation	Exposure visit	Institute Lead Activity	Electrical and Electronics engineering Department association	25-10-2019 00:00:00	25-10-2019 00:00:00	1	Within Campus	46	2	0	0	48	No	No	
35	Interdisciplinary Faculty Development Programme on importance of Science and Humanities	Innovation	Seminar	Institute Lead Activity	Department of Basic Sciences and Humanities	06-01-2020 00:00:00	06-01-2020 00:00:00	1	Within Campus	0	15	0	0	15	No	No	
36	Interdepartmental Quiz	Innovation	Awareness	Institute Lead Activity	Quiz Club	17-03-2020 00:00:00	17-03-2020 00:00:00	1	Within Campus	0	18	0	0	18	No	No	

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37	Infinitem - Quiz	Innovation	Awareness	Institute Lead Activity	Quiz Club	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1090	No
38	Khelo - Sports Quiz	Innovation	Awareness	Institute Lead Activity	Quiz Club	30-10-2019 00:00:00	30-10-2019 00:00:00	1	Within Campus	38	0	0	0	38	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1167	No
39	Puzzle Contest	Innovation	Skill development	Institute Lead Activity	Math Club	04-09-2019 00:00:00	04-09-2019 00:00:00	1	Within Campus	90	0	0	0	90	No	No	
40	MITS Talk	Innovation	Seminar	Institute Lead Activity	Muthoot Institute of Technology and Science	06-04-2019 00:00:00	10-06-2019 00:00:00	66	Within Campus	0	100	0	0	100	No	No	
41	TEDx MITS	Innovation	Seminar	Institute Lead Activity	Clique	05-10-2019 00:00:00	05-10-2019 00:00:00	1	Within Campus	45	5	50	0	100	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	74750	No
42	Model United Nations Conference	Innovation	Ideation	Student Lead Activity	Electrical and Electronics Engineering	15-02-2020 00:00:00	15-02-2020 00:00:00	1	Within Campus	28	0	0	2	30	No	No	
43	MITS Design Workshop	Entrepreneurship/Start-up	Skill development	Student Lead Activity	Civil Engineering Department	07-11-2019 00:00:00	07-11-2019 00:00:00	1	Within Campus	60	12	0	0	72	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	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 Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/R recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
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1	Visit to DELL EMC Bengaluru	Innovation	Exposure visit	DELL EMC Bengaluru	Corporate / Industry Association	11-07-2019 00:00:00	12-07-2019 00:00:00	2	0	12	12	No	---	---	No	No						
2	Salesforce Day Event	Innovation	Hackathon	Cognizant Bengaluru	Corporate / Industry Association	08-07-2019 00:00:00	10-07-2019 00:00:00	3	4	0	4	Yes	First prize	Smart Insure	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Smart Insure</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First prize	Title of Innovation / Start-up Secured the Award / Recognition	Smart Insure	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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3	Dev-A-Thon	Innovation	Hackathon	Mar Athanasius College of Engineering	Educational Institute	11-10-2019 00:00:00	12-10-2019 00:00:00	2	5	0	5	Yes	First prize	Smart Agriculture	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>First prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Smart Agriculture</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	First prize	Title of Innovation / Start-up Secured the Award / Recognition	Smart Agriculture	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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4	Buoyanci Innovation Challenge	Innovation	Innovation Contest	Buoyanci	Corporate / Industry Association	14-10-2019 00:00:00	14-10-2019 00:00:00	1	3	1	4	Yes	Finalist	AMI - Personal Health Assistant	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Finalist</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>AMI - Personal Health Assistant</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Finalist	Title of Innovation / Start-up Secured the Award / Recognition	AMI - Personal Health Assistant	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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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

5	CahoTech	Entrepreneurship/Startup	Conference	Consortium of Accredited Healthcare Organizations	Corporate/ Industry Association	27-09-2019 00:00:00	28-09-2019 00:00:00	2	11	0	11	Yes	Finalist	Smart Healthcare	No	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>Finalist</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Smart Healthcare</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	Finalist	Title of Innovation / Start-up Secured the Award / Recognition	Smart Healthcare	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
6	Reboot Kerala Hackathon	Innovation	Hackathon	ASAP Kerala	Govt. Agency (State)	01-03-2020 00:00:00	03-03-2020 00:00:00	3	6	1	7	Yes	Finalist	Food quality measurement	No	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>Finalist</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Food quality measurement</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	Finalist	Title of Innovation / Start-up Secured the Award / Recognition	Food quality measurement	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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7	Business Quiz - Wings 2020	Entrepreneurship/Startup	B-Plan Competitions	Project Management Institute Kerala	International Agencies	07-03-2020 00:00:00	07-03-2020 00:00:00	1	2	1	3	Yes	First prize	Quiz winners	No	<table border="1"> <tbody> <tr> <td>Award / Position / Recognition Secured</td> <td>First prize</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Quiz winners</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </tbody> </table>	Award / Position / Recognition Secured	First prize	Title of Innovation / Start-up Secured the Award / Recognition	Quiz winners	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
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Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
8	DST Texas instruments India innovation challenge design contest 2019	Innovation	Innovation Contest	DST Texas Instruments AICTE	Govt. Agency (Central)	30-11-2019 00:00:00	30-11-2019 00:00:00	1	4	1	5	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

9	SAE Tier 2 competition	Innovation	Innovation Contest	SAE	Non-Govt. Agencies	27-02-2020 00:00:00	27-02-2020 00:00:00	1	25	0	25	Yes	-	-	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>-</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>-</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>		Award / Position / Recognition Secured	-	Title of Innovation / Start-up Secured the Award / Recognition	-	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	-																						
Title of Innovation / Start-up Secured the Award / Recognition	-																						
Award/Recognition/Achievement Received for																							
10	Fusion 360 Academy India	Innovation	Workshop	Fusion 360	Corporate / Industry Association	22-02-2020 00:00:00	22-02-2020 00:00:00	1	1	0	1	No	---	---	No	No							
11	Professional students summit	Innovation	Awareness	ASAP	Govt. Agency (State)	15-02-2020 00:00:00	15-02-2020 00:00:00	1	24	0	24	No	---	---	No	No							
12	IEDC Summit	Entrepreneurship/Startup	Start-up Conclave	Kerala Startup Mission	Govt. Agency (State)	18-10-2019 00:00:00	19-10-2019 00:00:00	2	0	2	2	No	---	---	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>550</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	550	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	550																						
13	WING Workshop	Entrepreneurship/Startup	Workshop	Rethink Foundation	Non-Govt. Agencies	31-01-2020 00:00:00	01-02-2020 00:00:00	2	24	0	24	No	---	---	No	No							
14	ASME Innovative Additive Manufacturing 3D challenge	Innovation	Innovation Contest	ASME	International Agencies	28-02-2020 00:00:00	28-02-2020 00:00:00	1	5	0	5	No	---	---	<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	No				
Total Total Expense Amount Incurred by Institute? (In Rupees)	5000																						
15	National Level Technical Project Expo And Competition	Innovation	Innovation Contest	Saintgits College of Engineering, Kerala	Educational Institute	10-02-2020 00:00:00	11-02-2020 00:00:00	2	4	0	4	Yes	-	-	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>-</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>-</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td></td> </tr> </table>		Award / Position / Recognition Secured	-	Title of Innovation / Start-up Secured the Award / Recognition	-	Award/Recognition/Achievement Received for	
Award / Position / Recognition Secured	-																						
Title of Innovation / Start-up Secured the Award / Recognition	-																						
Award/Recognition/Achievement Received for																							

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

16	Digital Green - Maker Session	Innovation	Ideation	Cognizant - DTO	Corporate / Industry Association	23-01-2020 00:00:00	23-01-2020 00:00:00	1	20	2	22	No	---	---	No	No						
17	Reboot Kerala Hackathon	Innovation	Hackathon	ASAP Kerala	Govt. Agency (State)	14-02-2020 00:00:00	16-02-2020 00:00:00	3	12	1	13	Yes	Finalist	Water flow manager	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Finalist</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Water flow manager</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>	Award / Position / Recognition Secured	Finalist	Title of Innovation / Start-up Secured the Award / Recognition	Water flow manager	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Award / Position / Recognition Secured	Finalist																					
Title of Innovation / Start-up Secured the Award / Recognition	Water flow manager																					
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																					
18	Young Innovators Program	Innovation	Innovation Contest	K-DISC	Govt. Agency (State)	26-12-2019 00:00:00	26-12-2019 00:00:00	1	4	0	4	No	---	---	No	No						
19	National engineering Olympiad 2.0	Innovation	Innovation Contest	National Engineering Olympiad	Non-Govt. Agencies	01-11-2019 00:00:00	03-11-2019 00:00:00	3	2	0	2	No	---	---	No	No						
20	TeenHack	Innovation	Innovation Contest	Muthoot Institute of Technology and Science	Educational Institute	24-01-2020 00:00:00	24-01-2020 00:00:00	1	20	2	22	No	---	---	No	No						
21	IEEEExtreme 13.0	Innovation	Skill development	IEEE	International Agencies	19-10-2019 00:00:00	19-10-2019 00:00:00	1	6	0	6	No	---	---	No	No						
22	Advaya Tech summit on Virtual Reality or Augmented Reality	Innovation	Workshop	National Institute of Technology, Calicut	Educational Institute	11-01-2020 00:00:00	11-01-2020 00:00:00	1	3	0	3	No	---	---	No	No						
23	TEK-TOK, Ethical Hacking	Innovation	Workshop	Mar Athanasius College of Engineering Kothamangalam	Educational Institute	11-10-2019 00:00:00	11-10-2019 00:00:00	1	8	0	8	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

24	Pattern Recognition	Innovation	Workshop	National Institute of Technology Calicut	Educational Institute	18-10-2019 00:00:00	19-10-2019 00:00:00	2	3	0	3	No	---	---	No	No	
25	Yuva Mastermind Season 10	Innovation	Innovation Contest	Manorama, IBS, Amal Jyothi	Non-Govt. Agencies	28-09-2019 00:00:00	20-01-2020 00:00:00	11	4	2	6	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	No
26	ARM Design Contest 2019, IIIT Bangalore	Innovation	Innovation Contest	ACCS	Corporate / Industry Association	10-07-2019 00:00:00	13-11-2019 00:00:00	12	5	0	5	No	---	---	No	No	
27	Seminar on AICTE Quality Initiatives, National Initiative for Technical Teachers Training (NITTT) and National Educational Alliance for Technology (NEAT)	Innovation	Seminar	Kerala State Centre for Advanced Printing and Training (C-Apt)	Govt. Agency (State)	06-03-2020 00:00:00	06-03-2020 00:00:00	1	0	19	19	No	---	---	No	No	
28	Two days national conference and seminar on innovations in engineering and technology	Innovation	Conference	Government Polytechnic College, Palakkad	Govt. Agency (State)	12-02-2020 00:00:00	13-02-2020 00:00:00	2	4	1	5	No	---	---	Total Total Expense Amount Incurred by Institute? (In Rupees)	300	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

29	INTERFACE 2019	Entrepreneurship/Startup	Start-up Conclave	NIT Calicut	Educational Institute	18-10-2019 00:00:00	20-10-2019 00:00:00	3	5	0	5	Yes	First prize of Rs 8000	E-med Box	No	Award / Position / Recognition Secured	First prize of Rs 8000
																Title of Innovation / Start-up Secured the Award / Recognition	E-med Box
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
30	Texplora	Innovation	Exhibition	ToCH institute of science and technology	Educational Institute	31-01-2020 00:00:00	31-01-2020 00:00:00	1	3	0	3	Yes	2nd prize of Rs 4000	Fingerprint voting online system	No	Award / Position / Recognition Secured	2nd prize of Rs 4000
																Title of Innovation / Start-up Secured the Award / Recognition	Fingerprint voting online system
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
31	Idea Fest	Innovation	Innovation Contest	Kerala Start Up Mission	Govt. Agency (State)	22-04-2019 00:00:00	22-04-2019 00:00:00	1	4	0	4	No	---	---	No	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	Business English Communication	Entrepreneurship/Startup	Short term Course	Short Term Certificate Course	Basic Science and Humanities	01-08-2019	28-02-2020	212	Offline	271	40
2	Artificial Intelligence	Innovation	Short term Course	Short Term Certificate Course	Department of Computer Science and Engineering	01-07-2019	31-12-2019	184	Offline	100	40
3	Business Intelligence	Innovation	Short term Course	Short Term Certificate Course	Department of Computer Science and Engineering	01-01-2020	30-05-2020	151	Online	50	40
4	ME341 Design Project	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Mechanical Engineering	01-07-2019	31-12-2019	184	Offline	60	42

5	HS300 Principles of Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Basic Science and Humanities	01-07-2019	31-12-2019	184	Offline	119	42
6	Supply Chain and Logistics Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Department of Mechanical Engineering	01-07-2019	31-12-2019	184	Offline	12	42
7	HS200 Business Economics	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Basic Science and Humanities	01-02-2020	30-06-2020	151	Offline	119	42
8	Marketing Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Department of Mechanical Engineering	01-02-2020	30-06-2020	151	Offline	28	42
9	Industrial Engineering	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Mechanical Engineering	01-02-2020	30-06-2020	151	Offline	59	42
10	Manufacturing of composites	Innovation	Short term Course	Short Term Certificate Course	NPTEL	01-07-2019	31-12-2019	184	Online	2	40
11	CE341 Design Project	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Civil Engineering	01-07-2019	31-12-2019	184	Offline	60	42
12	Civil Engineering Project Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Civil Engineering	01-07-2019	31-12-2019	184	Offline	60	42
13	EC341 Design project	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Electronics and Communication Engineering	01-07-2019	31-12-2019	184	Offline	59	42
14	HS200 Business Economics	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Basic Science and Humanities	01-07-2019	31-12-2019	184	Offline	162	42
15	HS300 Principles of Management	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Basic Science and Humanities	01-01-2020	30-06-2020	182	Offline	181	42
16	Professional diploma in Electrical system design and drafting	Innovation	Short term Course	Short Term Certificate Course	Tritech design academy	03-10-2019	20-01-2020	110	Offline	35	40
17	Basic course on PLC S7 1200 and 1500 with V14	Innovation	Short term Course	Short Term Certificate Course	MITS Siemens Centre of Excellence	08-07-2019	13-07-2019	6	Offline	59	50
18	CS341 Design Project	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Computer Science and Engineering	01-07-2019	31-12-2019	184	Offline	63	40
19	HS210 Life Skills	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Basic Science and Humanities	01-08-2019	31-12-2019	153	Offline	119	48

20	HS210 Life Skills	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Compulsory)	Department of Basic Science and Humanities	01-01-2020	30-06-2020	182	Offline	162	48
21	EE341 Design Project	Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	Electrical and Electronics Engineering Department	01-07-2019	31-12-2019	184	Offline	58	42
22	Career Edge - Knockdown the Lockdown	Innovation	Short term Course	Short Term Certificate Course	Tata Consultancy Services	01-04-2020	30-04-2020	30	Online	2	30
23	Classical Sociological Theory	Innovation	Short term Course	Short Term Certificate Course	Coursera through Muthoot Institute of Technology and Science	01-04-2020	30-04-2020	30	Online	1	30
24	DevOps	Innovation	Short term Course	Short Term Certificate Course	Coursera through Muthoot Institute of Technology and Science	01-04-2020	22-05-2020	52	Online	1	42
25	Microsoft Virtual Internship	Innovation	Short term Course	Short Term Certificate Course	Microsoft	01-04-2020	30-04-2020	30	Online	1	30
26	Successful negotiations	Innovation	Short term Course	Short Term Certificate Course	Coursera through Muthoot Institute of Technology and Science	01-04-2020	22-05-2020	52	Offline	1	42

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	Research Trends in Computer Science	Innovation	FDP in I&E / IPR	Department of Computer Science and Engineering	02-07-2019	06-07-2019	5	Offline	30	35
2	Faculty Learning Series - Python	Innovation	FDP in I&E / IPR	Department of Computer Science and Engineering	29-06-2020	03-07-2020	5	Online	100	30
3	Student Webinar Series	Innovation	Employment Generation Training Programs	Department of Computer Science and Engineering	29-05-2020	30-07-2020	63	Online	50	30
4	Advanced training programme on remote sensing and GIS	Innovation	FDP in I&E / IPR	Department of Civil engineering	24-06-2019	29-06-2019	6	Offline	33	30
5	Individual Development Plan	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Career Guidance and Placement Unit	01-07-2019	30-06-2020	366	Offline	600	30
6	Employability Enhancement training in aptitude verbal and coding	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Career Guidance and Placement Unit	03-07-2019	19-07-2019	17	Offline	220	60
7	FDP on C programming	Innovation	FDP in I&E / IPR	Department of Computer Science and Engineering	27-11-2019	04-12-2019	8	Offline	22	35

8	Employability Enhancement training Program	Entrepreneurship/Startup	Employment Generation Training Programs	Career Guidance and Placement Unit	19-08-2019	06-03-2020	201	Offline	580	60
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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	Jisha James	Department of Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	AICTE Workshop on Education Reforms	Innovation	FDP in I&E, IPR	All India Council for Technical Education	Govt. Agency (Central)	28-04-2020 00:00:00	01-05-2020 00:00:00	4	Online
2	Mahalingam P.R.	Department of Computer Science and Engineering	Assistant Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Project Management and DevOps	Innovation	Short term Certificate	Coursera (University of California at Davis, University of Virginia)	Corporate / Industry Association	30-03-2020 00:00:00	28-05-2020 00:00:00	60	Online
	IBM Business Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	16-06-2019 00:00:00	21-06-2019 00:00:00	6	Offline
3	Dr. Pramod Kumar M	Department of Mechanical Engineering	Associate Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	AICTE online course on examination reforms	Innovation	FDP in I&E, IPR	All India Council for Technical Education	Govt. Agency (Central)	27-04-2020 00:00:00	30-04-2020 00:00:00	4	Online
4	Dr. Pradeepmon T. G.	Department of Mechanical Engineering	Associate Professor	No	Yes				
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Orientation training programme for mentors	Innovation	MDP in I&E, IPR	All India Council for Technical Education	Govt. Agency (Central)	26-06-2020 00:00:00	01-07-2020 00:00:00	6	Online
	AICTE online course on examination reforms	Innovation	FDP in I&E, IPR	All India Council for Technical Education	Govt. Agency (Central)	27-04-2020 00:00:00	30-04-2020 00:00:00	4	Online
	Artificial Intelligence Analyst 2019 Mastery Award	Innovation	Short term Certificate	IBM	Corporate / Industry Association	15-06-2019 00:00:00	20-06-2019 00:00:00	6	Offline
5	Dr. Mary Lissy P N	Department of Civil engineering	Associate Professor	No	Yes				

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Recent Advances in Environmental Engineering and Management	Entrepreneurship/Startup	FDP in I&E, IPR	Cochin University of Science and Technology	Educational Institute	02-03-2020 00:00:00	07-03-2020 00:00:00	6	Offline
6	Mr. Dhileep M	Department of Civil Engineering		Associate Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IBM, Artificial Intelligence Analyst Training	Innovation	FDP in I&E, IPR	IBM Skills Academy	International Agencies	15-06-2019 00:00:00	19-06-2019 00:00:00	5	Online
7	Dr. Sandeep M S	Department of Civil Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
8	Nayana P. K	Department of Electronics and Communication Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Technical Workshop on Frontiers in RF Communications and Circuit Design	Innovation	FDP in I&E, IPR	CUSAT	Educational Institute	25-02-2020 00:00:00	02-03-2020 00:00:00	7	Offline
9	Anjali S. V	Department of Electronics and Communication Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IoT using AWS	Innovation	FDP in I&E, IPR	Finland Labs with National Social Summit, IIT Roorkee	Educational Institute	14-06-2020 00:00:00	18-06-2020 00:00:00	5	Online
	-	Innovation	FDP in I&E, IPR	CSE, Muthoot Institute of Technology and Science, Kochi	Educational Institute	26-11-2019 00:00:00	03-12-2019 00:00:00	8	Offline
10	Binu Manohar	Department of Electronics and Communication Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Examination Reforms	Innovation	FDP in I&E, IPR	AICTE	Govt. Agency (Central)	28-04-2020 00:00:00	01-05-2020 00:00:00	4	Online
11	Shobha Gopalakrishnan	Department of Electronics and Communication Engineering		Associate Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Machine Learning	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	31-12-2019 00:00:00	29-04-2020 00:00:00	121	Online
12	Megha Franklin	Department of Electronics and Communication Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Problem solving through Programming In C	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	31-12-2019 00:00:00	15-06-2020 00:00:00	168	Online
13	Krishnapriya S	Department of Electronics and Communication Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	CMOS VLSI Design	Innovation	FDP in I&E, IPR	NPTEL	Govt. Agency (Central)	26-01-2020 00:00:00	19-03-2020 00:00:00	54	Online
14	Geethu Chacko	Department of Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Advances in Electric vehicle technology	Innovation	FDP in I&E, IPR	Rajagiri School of Engineering and Technology	Educational Institute	07-07-2019 00:00:00	11-07-2019 00:00:00	5	Offline
15	Preenu Paul	Department of Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Electric Vehicle	Innovation	FDP in I&E, IPR	COchin University of Science and Technology	Educational Institute	03-01-2020 00:00:00	10-01-2020 00:00:00	8	Offline
16	Ajith Vijayan	Department of Electrical and Electronics Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Electric vehicles : Exploring inside the box	Innovation	FDP in I&E, IPR	MEA Engineering college	Educational Institute	08-06-2020 00:00:00	12-06-2020 00:00:00	5	Online
	Business Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	15-06-2019 00:00:00	20-06-2019 00:00:00	6	Offline
17	Rony Thomas Murickan	Mechanical Engineering		Assistant Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Artificial Intelligence Analyst 2019 Mastery Award	Innovation	Short term Certificate	IBM	Corporate / Industry Association	15-06-2019 00:00:00	20-06-2019 00:00:00	6	Offline
18	Alvin Thariyath	Mechanical Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	Business Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	14-06-2019 00:00:00	19-06-2019 00:00:00	6	Offline
19	Tony Mathew	Electrical and Electronics Engineering Department		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
	Artificial Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	14-06-2019 00:00:00	19-06-2019 00:00:00	6	Offline
20	Sindhura Rose Thomas	Electrical and Electronics Engineering Department		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
	Artificial Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	15-06-2019 00:00:00	20-06-2019 00:00:00	6	Offline
21	Meera Sivasdas	Electrical and Electronics Engineering Department		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
	Artificial Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	15-06-2019 00:00:00	20-06-2019 00:00:00	6	Offline
22	Rakhee M.	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IBM Business Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Offline
23	Sunith John David	Department of Civil Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
24	Dr.Resmi N. G.	Computer Science and Engineering		Assistant Professor		No		Yes	

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IBM Artificial Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Offline
25	Sreenu G.	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IBM Artificial Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Offline
26	Jency Thomas	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IBM Artificial Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Offline
27	Dhanya Sudarsan	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IBM Artificial Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Offline
28	Sneha S.	Computer Science and Engineering		Assistant Professor		No		Yes	
	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	IBM Artificial Intelligence Analyst	Innovation	Short term Certificate	IBM	Corporate / Industry Association	22-07-2019 00:00:00	26-07-2019 00:00:00	5	Offline
29	Jim George	Department of Electrical and Electronics Engineering		Assistant Professor		No		No	
30	Aravind Rajagopal	Department of Electrical and Electronics Engineering		Assistant Professor		No		No	
31	Venugopalan Kurupath	Department of Electrical and Electronics Engineering		Associate Professor		No		No	

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

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	IEEE Student Branch	Innovation Club	2018	Co-working Space,3D Printing	Pre-Incubation Unit	6	ARVIN MANOJ	arvinmanoj@ieee.org	9400924247
2	Clique	Idea Club	2015	Co-working Space,Work Stations	Innovation Park/Research Park	1	Karthik Raj	karthikraj4423@gmail.com	9846924423

3	FOSS Club	Idea Club	2017	Co-working Space, Work Stations	Innovation Labs	3	Eldhose K. A.	eldhoseka.abraham@gmail.com	9495722068
4	PMI Academic Forum	Idea Club	2019	Co-working Space	Innovation Labs	1	Ronak Philip Jacob	ronakphilipjacob.rpj@gmail.com	989570463
5	Project Hub	Innovation Club	2018	Co-working Space, Work Stations	Centre of Excellence with Advance Tools	0	Basil Skaria	basilskaria41@gmail.com	860651021
6	Electrical Association for revolutionizing creations	Innovation Club	2014	Co-working Space	Innovation Labs	5	Megha Mary Biju	meghabiju98@gmail.com	9207325396
7	SEEM Student chapter	Idea Club	2017	Co-working Space	Innovation Labs	1	Asha Miriam Santhosh	18ee100@mgits.ac.in	8281553874
8	MITI Innovation Centre	Innovation Club	2018	Co-working Space, 3D Printing	Innovation Park/Research Park	8	Arvin Manoj	17ec217@mgits.ac.in	9400924247
9	Society of automotive engineers	Innovation Club	2016	Work Stations	Innovation Labs	1	Sajay Kumar	sajayskj66@gmail.com	9567268536
10	American society for mechanical engineers	Innovation Club	2017	3D Printing	Innovation Labs	2	Mathews Jain	mathewsnedumpuram@gmail.com	9526262200
11	Innovation and Entrepreneurship Development Centre	Startup Club	2016	Co-working Space	Incubation Unit	9	Noyal Joseph Binu	noyaljosephbinu98@gmail.com	9846218575
12	ACM	Idea Club	2015	Co-working Space	Innovation Labs	7	Muhammed Ajmal	muhammedajmal54@gmail.com	8089563676
13	Quiz Club	Idea Club	2017	Work Stations	Pre-Incubation Unit	3	Megha Mary Biju	quizclub@mgits.ac.in	9188089896
14	Indian Green Building Council (IGBC) - Student chapter	Innovation Club	2018	Co-working Space	Pre-Incubation Unit	5	Mary Anil	maryeloor1998@gmail.com	8281194611
15	Indian Concrete Institute (ICI) - Student Chapter	Innovation Club	2016	Co-working Space	Pre-Incubation Unit	5	Ganga S	gangasanthosh13@gmail.com	7559850477
16	Eternia - Civil Engineering Association	Innovation Club	2014	Co-working Space	Pre-Incubation Unit	6	Fathimathu Sahala	sahalafathima981@gmail.com	9605132866
17	Illuminati	Idea Club	2014	Co-working Space	Pre-Incubation Unit	9	Dr Arunkant A Jose	arunkant@mgits.ac.in	9895605473
18	Math Club	Idea Club	2016	Co-working Space	Innovation Labs	1	Jayakrishnan G	jayakrishnan7r7@gmail.com	8592016506
19	Mechanical Engineering Association-Exordium	Idea Club	2013	3D Printing	Innovation Labs	6	Bibin	mvbibin8@gmail.com	8606196678

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 on 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?
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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)

1	Project Hub	Maker's Space	2018	Co-working Space, Work Stations	Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mahalingam P. R.</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mahalingamr@mgits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8281134511</td> </tr> </table>	Facility Incharge Name	Mahalingam P. R.	Facility Incharge Email	mahalingamr@mgits.ac.in	Facility Incharge Phone	8281134511	0	Yes	No	Yes
Facility Incharge Name	Mahalingam P. R.																
Facility Incharge Email	mahalingamr@mgits.ac.in																
Facility Incharge Phone	8281134511																
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				Kerala State Council for Science, Technology and Environment			Govt. Agency (State)		10000								
2	Innovation and Entrepreneurship Development Centre	IEDC	2016	Co-working Space	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools	Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Vipin Vijayan</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vipinvijayan@mgits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9496320573</td> </tr> </table>	Facility Incharge Name	Vipin Vijayan	Facility Incharge Email	vipinvijayan@mgits.ac.in	Facility Incharge Phone	9496320573	0	Yes	No	No
Facility Incharge Name	Vipin Vijayan																
Facility Incharge Email	vipinvijayan@mgits.ac.in																
Facility Incharge Phone	9496320573																
3	MITS Innovation Centre	Innovation Centre	2018	Co-working Space, 3D Printing & Prototype Equipment, Work Stations	Innovation Labs, Centre of Excellence with Advance Tools	Innovation Labs, Centre of Excellence with Advance Tools	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Venugopalankurupath</td> </tr> <tr> <td>Facility Incharge Email</td> <td>venugopalankurupath@mgits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9994417237</td> </tr> </table>	Facility Incharge Name	Venugopalankurupath	Facility Incharge Email	venugopalankurupath@mgits.ac.in	Facility Incharge Phone	9994417237	0	No	No	No
Facility Incharge Name	Venugopalankurupath																
Facility Incharge Email	venugopalankurupath@mgits.ac.in																
Facility Incharge Phone	9994417237																
4	Civil Engineering Design Lab	Design Centre	2018	Work Stations	Student Clubs	Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Babu Kurian</td> </tr> <tr> <td>Facility Incharge Email</td> <td>babukurian@mgits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9446128912</td> </tr> </table>	Facility Incharge Name	Dr Babu Kurian	Facility Incharge Email	babukurian@mgits.ac.in	Facility Incharge Phone	9446128912	0	Yes	No	Yes
Facility Incharge Name	Dr Babu Kurian																
Facility Incharge Email	babukurian@mgits.ac.in																
Facility Incharge Phone	9446128912																

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)

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	The Muthoot Group	Corporate / Industry Association	2000000

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?											
								Yes	No												
1	RF Keysight Lab	2017	Innovation Labs	NIL	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr. Dhanya S</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dhanyas@mgi.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>96050 02339</td> </tr> </table>	Facility Incharge Name	Dr. Dhanya S	Facility Incharge Email	dhanyas@mgi.ac.in	Facility Incharge Phone	96050 02339	0	No	<table border="1"> <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>14000</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>	Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	14000	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0	No
Facility Incharge Name	Dr. Dhanya S																				
Facility Incharge Email	dhanyas@mgi.ac.in																				
Facility Incharge Phone	96050 02339																				
Total Annual Income from Training and Skill Development Services (In Rupees)	0																				
Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	14000																				
Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	0																				
2	VLSI and Embedded Systems Lab	2016	Innovation Labs	NIL	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Ms. Binu Manohar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>binumanohar@mgits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>98950 62779</td> </tr> </table>	Facility Incharge Name	Ms. Binu Manohar	Facility Incharge Email	binumanohar@mgits.ac.in	Facility Incharge Phone	98950 62779	0	No	No	No						
Facility Incharge Name	Ms. Binu Manohar																				
Facility Incharge Email	binumanohar@mgits.ac.in																				
Facility Incharge Phone	98950 62779																				

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

3	MITS Siemens Centre of Excellence for Automation and Drives	2018	Innovation Labs, Student Clubs	Nil	Facility Incharge Name	Jim George	0	No	Yes		Yes
					Facility Incharge Email	jimgeorge@mgits.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	887500	
					Facility Incharge Phone	9895458707			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	Muthoot Institute of Technology and Science	Educational Institute	133125

4	IBM Analytics Lab	2019	Innovation Labs	Nil	Facility Incharge Name	Mahalingam P. R.	0	No	Yes		Yes
					Facility Incharge Email	mahalingampr@mgits.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	708000	
					Facility Incharge Phone	8281134511			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	Muthoot Institute of Technology and Science	Educational Institute	1215400

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 Incubation Unit, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility 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 Incubation Centre/Facilities?		Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?		
					Facility Incharge Name	Facility Incharge Email			Facility Incharge Phone	Yes		No	
1	MIT'S B-HUB	2019	Pre-Incubation, Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools	(CSR funding, The Muthoot Group)	Dr. Babu Kurian	babukurian@mgits.ac.in	9446128912	0	No	0	0	18000	Yes
Source of Grant / Fund			Agency Name			Agency Type			Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)				

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

Srno	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?	
					Facility Incharge Name	Facility Incharge Email					Facility Incharge Phone
1	Research lab and Project lab Mechanical Engineering	2019	Pre-Incubation, Incubation Unit, Innovation Labs, Centre of Excellence with Advance Tools	(Early research grant, Department of Science and Technology), (Materials Research, Defence Research and Development Organisation)	Dr. Kurian Antony	kurianantony@mgits.ac.in	9544827944	1	Yes	No	Yes

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

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)									
Funding Agency		Defence Research and Development Organisation(DRDO)		Govt. Agency (Central)		1385000									
2	Electrical and electronics engineering Research and Project lab	2018	Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs	Nil	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Jim George</td> </tr> <tr> <td>Facility Incharge Email</td> <td>jimgeorge@mgits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9895458707</td> </tr> </table>	Facility Incharge Name	Jim George	Facility Incharge Email	jimgeorge@mgits.ac.in	Facility Incharge Phone	9895458707	0	Yes	No	Yes
Facility Incharge Name	Jim George														
Facility Incharge Email	jimgeorge@mgits.ac.in														
Facility Incharge Phone	9895458707														
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		Muthoot Institute of Technology and Science		Educational Institute		7000									
Funding Agency		Kerala State Council for Science, Technology and Environment		Govt. Agency (State)		30000									
3	Singularity Lab	2019	Innovation Labs, Centre of Excellence with Advance Tools, Student Clubs	Nil	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Cerene Maria Abraham</td> </tr> <tr> <td>Facility Incharge Email</td> <td>cerenemariam@mgits.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9496267945</td> </tr> </table>	Facility Incharge Name	Cerene Maria Abraham	Facility Incharge Email	cerenemariam@mgits.ac.in	Facility Incharge Phone	9496267945	0	Yes	No	Yes
Facility Incharge Name	Cerene Maria Abraham														
Facility Incharge Email	cerenemariam@mgits.ac.in														
Facility Incharge Phone	9496267945														
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		Muthoot Institute of Technology and Science		Educational Institute		5250									

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

4	Civil Engineering Research and Project Lab	2018	Pre-Incubation, Innovation Labs	Nil	Facility Incharge Name	Dhileep M	0	Yes	Yes		Yes
					Facility Incharge Email	dhileepm@mgits.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees)	0	
					Facility Incharge Phone	8943824028			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	91891	
									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 Incubation Facility exists in Campus (In Rupees)				
Institute's Own Fund / Resource		Muthoot Institute of technology and Science			Educational Institute		9750				
Funding Agency		APJ Abdul Kalam Technological University			Govt. Agency (State)		139254				
Funding Agency		KSCSTE			Govt. Agency (State)		9500				
5	Electronics and Communication Research and Project Lab	2014	Pre-Incubation, Centre of Excellence with Advance Tools	(Natural Resources Data Management System(NRDMS), DST)	Facility Incharge Name	Rishikesh P.H	0	Yes	No		No
					Facility Incharge Email	rishikeshph@mgits.ac.in					
					Facility Incharge Phone	9446906223					
6	Codd Base Lab	2016	Incubation Unit, Innovation Labs	Nil	Facility Incharge Name	Bismin V Sherif	0	Yes	No		No
					Facility Incharge Email	bisminvsherif@mgits.ac.in					
					Facility Incharge Phone	9947978666					

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	Project Hub	2018	Innovation Labs, Innovation Park/Research Park, Centre of Excellence with Advance Tools	Nil	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Mahalingam P.R</td> </tr> <tr> <td>Facility Incharge Email</td> <td>mahalingamp r@mgi ts.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>82811 34511</td> </tr> </table>	Facility Incharge Name	Mahalingam P.R	Facility Incharge Email	mahalingamp r@mgi ts.ac.in	Facility Incharge Phone	82811 34511	0	No	No	No
Facility Incharge Name	Mahalingam P.R														
Facility Incharge Email	mahalingamp r@mgi ts.ac.in														
Facility Incharge Phone	82811 34511														

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	Mr. Dhileep M	Associate Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Cooling technology using ground source		Within	
2	Sunith John David	Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Automated infiltrrometer		Within	
3	Mahalingam P.R.	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Online Quiz portal		Within	
	Admission Portal		Within	
Warehouse management for Carborund		Within		
4	Rakhee M.	Assistant Professor	Idea/Innovation Development	12
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Block chain application for monitoring fund transfer for the education of girl children		Within	
5	Dr.Resmi N. G.	Assistant Professor	Idea/Innovation Development	6

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)
	TechFest Registration App	Within	
6	Sreenu G. Assistant Professor	Idea/Innovation Development	11
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Trad 'N Sure	Within	
7	Dhanya Sudarsan Assistant Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Mentorship App	Within	
8	Sneha S. Assistant Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Screenplay writing using AI	Within	
9	Dr. Pradeepmon T. G. Associate Professor	Idea/Innovation Development	14
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	AUTOMATIC NON-CONTACT TEMPERATURE SENSOR AND SANITIZER DISPENSER	Within	
10	Anjali S. V. Assistant Professor	Idea/Innovation Development	6
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Intelligent walking stick	Within	
11	Binu Manohar Assistant Professor	Idea/Innovation Development	4
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Autonomous Indoor Navigation Robot Assist	Within	
12	Dr. Jani Das Assistant Professor	Idea/Innovation Development	9
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Efficient solar dryer	Within	
13	Aravind Rajagopal Assistant Professor	Idea/Innovation Development	5
	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Automatic electrode regulation of electric arc furnace using PLC	Within	

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

14	Venugopalan Kurupath	Associate Professor	Idea/Innovation Development	18
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Module wise battery swapping in electric vehicles		Within	
15	Jim George	Assistant Professor	Idea/Innovation Development	11
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Hydrogen dry cell		Within	
	Thermodepolymerization		Within	
	Water flow manager		Within	
	Lie detection system		Within	
16	Sindhura Rose Thomas	Assistant Professor	Idea/Innovation Development	8
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Advanced electronic voting machine		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	Mr. Sijo Kuruvilla George	Idea/Innovation Development, Entrepreneurship/Startup Development					Unstructured Mentorship	
2	Dr. Chandra Vadhana R.	Entrepreneurship/Startup Development					Structured Mentorship	
	Structured Mentorship Program Name		Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	PRAYAANA		31-03-2019	30-03-2020	366	1	34	Early Stage Startup
3	Project Management Institute	Idea/Innovation Development, Entrepreneurship/Startup Development					Unstructured Mentorship	
4	Cognizant Technology Solutions	Idea/Innovation Development					Structured Mentorship	
	Structured Mentorship Program Name		Start Date	End Date	Total No of Days of Mentorship Program	No of Mentors Involved	Mentorship Cohort Size (No. of Mentee)	Type of Mentee
	Digital Green		25-10-2019	10-03-2020	138	8	20	Innovation/Prototype
5	Vikram Sarabhai Space Centre (VSSC)	Idea/Innovation Development					Unstructured Mentorship	
6	NEST SFO	Idea/Innovation Development					Unstructured Mentorship	
7	Carborundum Universal Limited, Kalamassery	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								
						TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation - Concept and application have been formulated.	Innovation Development Ongoing													
1	GOD's Arm	Product Innovation	Technological	Muthoot Institute of Technology and Science	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	<table border="1"> <tr> <td>Agency Name</td> <td>Kerala State Council for Science, Technology and Environment</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (State)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Student research fund received</td> </tr> </table>	Agency Name	Kerala State Council for Science, Technology and Environment	Agency Type	Govt. Agency (State)	Award / Position / Recognition Secured	Student research fund received	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>10000</td> </tr> </table>	Grant Amount in Rs	10000	No	No
Agency Name	Kerala State Council for Science, Technology and Environment																				
Agency Type	Govt. Agency (State)																				
Award / Position / Recognition Secured	Student research fund received																				
Grant Amount in Rs	10000																				
Name		Type		Gender		Email		Contact													
Andria Maria Ajai		Student		Female		andriaajai17@gmail.com		8921065408													
Name		Type		Gender		Email		Contact													
Dr. Resmi N. G.		Faculty		Female		resming@mgits.ac.in		9633291997													

2	ONLINE EXAM PORTAL	Product Innovation	Technological	Muthoot Institute of Technology and Science	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	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Ann Aswita John		Student			Female			aswitajohn@gmail.com			7356996699		
Name		Type			Gender			Email			Contact		
Dr. Anand Hareendran S.		Faculty			Male			anandhareendrans@mgits.ac.in			9995102050		
3	Cloud based campus s/w for MITS	Product Innovation	Technological	Muthoot Institute of Technology and Science	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	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Udesh U.		Student			Male			udeshuk@gmail.com			8137871888		
Name		Type			Gender			Email			Contact		
Mahalingam P. R.		Faculty			Male			mahalingampr@mgits.ac.in			8281134511		
4	ERP Solution	Product Innovation	Technological	Muthoot Institute of Technology and Science	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Ongoing	No	No	No	No	No

Name	Type	Gender	Email	Contact
Sreehari M. S.	Student	Female	sreeharims2000@gmail.com	9074816530

Name	Type	Gender	Email	Contact
Jisha James	Faculty	Female	jishajames@mgits.ac.in	8943033431

5	Hostel Mangement S/W	Product Innovation	Technol ogical	Muthoot Institute of Technol ogy and Science	Stude nt- Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Ongoing	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Abhiram R. Pai	Student	Male	abhirampai1999@gmail.com	9946702111

Name	Type	Gender	Email	Contact
Rakhee M.	Faculty	Female	rakheem@mgits.ac.in	9895369648

6	Screenplay writing using AI	Product Innovation	Technol ogical	Muthoot Institute of Technol ogy and Science	Stude nt- Facul ty	TRL 0 : Idea. Unpr oven conc ept, no testin g has been perfor med.	TRL 3 : Appli ed resea rch. First labor atory tests comp leted; proof of conc ept.	Innovati on Develop ment Comple ted	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Siddharth S	Student	Male	siddharthajith97@gmail.com	8907245713

Name	Type	Gender	Email	Contact
Sneha S.	Faculty	Female	snehas@mgits.ac.in	9048235031

7	Prediction of heart and pulmonology diseases using AI	Product Innovation	Technological	Muthoot Institute of Technology and Science	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 Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Elizabeth Joshy		Student			Female			elizabethjoshy98@gmail.com			9048515300		
Name		Type			Gender			Email			Contact		
Cerene Mariam Abraham		Faculty			Female			cerenemariam@mgits.ac.in			9496267945		
8	Hash tag recommendation system	Product Innovation	Technological	Muthoot Institute of Technology and Science	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 Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Anita Peter		Student			Female			anitapeter1989@gmail.com			6282227234		
Name		Type			Gender			Email			Contact		
Dr. Resmi N. G.		Faculty			Female			resming@mgits.ac.in			9633291997		
9	Pollution free waste management system	Process Innovation	Technological	Muthoot Institute of Technology and Science, Varikoli	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Dropped	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Dr. Kurian Antony		Faculty			Male			kurianantony@mgits.ac.in			9544827944		

Name	Type	Gender	Email	Contact
ANWER SADATH P K	Student	Male	anwersadath2017@gmail.com	7902263797
ARAVIND NAIR	Student	Male	-	-
AYSHA ANHA	Student	Female	-	-

10	3D printing using robotic arm	Process Innovation	Technological	Muthoot Institute of Technology and Science, Varikoli	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Dropped	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dr. Kurian Antony	Faculty	Male	kurianantony@mgits.ac.in	9544827944

Name	Type	Gender	Email	Contact
SREERAG S.	Student	Male	sreeragsini@gmail.com	8848995497
TOBY KURIAKOSE	Student	Male	-	-
BASIL KOS PETER	Student	Male	-	-

11	UNMANNED AERIAL VEHICLE WITH FIRE EXTINGUISHER GRENADE SYSTEM	Product Innovation	Technological	Muthoot Institute of Technology and Science, MITS	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 Dropped	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Alex P Varghese	Student	Male	alexpanichakuzhy@gmail.com	9656678897

Name	Type	Gender	Email	Contact
Praveen premchand	Student	Male	praveenpremchand007@gmail.com	9048350241

12	Automated Infiltrometer	Product Innovation	Technological	Muthoot Institute of Technology & Science	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 Completed	Agency Name	Saintgits College of Engineering, Kottayam	No	9500	No	No	
									Agency Type	Educational Institute					
									Award / Position / Recognition Secured	First					
												Grant Amount in Rs			

Name	Type	Gender	Email	Contact
Sunith John David	Faculty	Male	sunithjohndavid@mgits.ac.in	9846976269

Name	Type	Gender	Email	Contact
Ansa Muhammed	Student	Female	-	-
Jeeva Mariyam Oommen	Student	Female	-	-
Reshma Raj	Student	Female	-	-
Samal Ummer	Student	Female	-	-

13	Innovative Flood Resistant Residence	Process Innovation	Technological	Muthoot Institute of Technology & Science	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Dropped	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Minnie Mariya James	Faculty	Female	minniemariya@mgits.ac.in	9539535649

Name	Type	Gender	Email	Contact
Aswin V Paniker	Student	Male	-	-
Priyanka Prakash	Student	Female	-	-
Mariya Paul	Student	Female	-	-
Sona Kunjumon	Student	Female	-	-

14	Intelligent Traffic Control System	Process Innovation	Technological	Muthoot Institute of Technology & Science	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 Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Remadevi M	Faculty	Female	remadevi@mgits.ac.in	9446867851

Name	Type	Gender	Email	Contact
ANAGHA H	Student	Female	-	-
ASWINTH G CHANDRAN	Student	Male	-	-
KAVYA K BABURAJ	Student	Female	-	-
SUBUHAANA JALAL	Student	Female	-	-

15	Smart Dustbin	Product Innovation	Technological	Muthoot Institute of Technology & Science	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 Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Remadevi M	Faculty	Female	remadevi@mgits.ac.in	9446867851

Name	Type	Gender	Email	Contact
Arjun Jayan	Student	Male	-	-
Fathima Shirin	Student	Female	-	-
Hrudhyamol J	Student	Female	-	-
Ruhama Anna Sam	Student	Female	-	-

16	Comparison of Kaldness media and Luffa Aegyptiaca with Different Proportions for the Treatment of Sewage	Process Innovation	Technological	Muthoot Institute of Technology & Science	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 Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Mala Pankaj	Faculty	Female	malapankaj@mgits.ac.in	8547080102

Name	Type	Gender	Email	Contact
Deepthy Charly	Student	Female	-	-
Beema Salim	Student	Female	-	-
Mary Anil	Student	Female	-	-
Kunchako Sunny	Student	Male	-	-

17	Cooling Technology Using Ground Source	Process Innovation	Technological	Muthoot Institute of Technology & Science	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Dhileep M	Faculty	Male	dhileepm@mgits.ac.in	8943824028

Name	Type	Gender	Email	Contact
Arunthathy S	Student	Female	-	-
Jincy S Tomy	Student	Female	-	-
Midhun N	Student	Male	-	-
Nimisha E.R	Student	Female	-	-

18	Flood Forecasting Using the Application of Similarity Theory	Process Innovation	Technological	Muthoot Institute of Technology & Science	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 0 : Idea. Unproven concept, no testing has been performed.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Sunith John David	Faculty	Male	sunithjohndavid@mgits.ac.in	9846976269

Name	Type	Gender	Email	Contact
Devika V.S	Student	Female	-	-
Anjana Vishwanath	Student	Female	-	-
Roshni S Nair	Student	Female	-	-
Deno Prince	Student	Male	-	-

19	SMART AUTOMATIC FISHING MACHINE	Product Innovation	Technological	Project lab	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 Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Arya T S	Student	Female	aryats999@gmail.com	9567513595

Name	Type	Gender	Email	Contact
Dr.Dhanya S	Faculty	Female	dhanyas@mgits.ac.in	9605002339

20	Kochi Metro Bot	Product Innovation	Technological	Project lab	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Ananthu anil	Student	Male	ananthu.ea@gmail.com	9895523302

Name	Type	Gender	Email	Contact
Dr.Arunkant A.J	Faculty	Male	arunkant@mgits.ac.in	9895605473

21	MACHINE LEARNING AND IMAGE PROCESSING BASED SOIL HEALTH MONITOR	Product Innovation	Technological	Project lab	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Elsa Maria George	Student	Female	elsamariageorge@gmail.com	9447440083

Name	Type	Gender	Email	Contact
Dr.Arun Joy	Faculty	Male	arunjoy@mgits.ac.in	8758408077

22	FEEL THE SMELL	Product Innovation	Technological	Project lab	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
JOSEPH D KALAPURACKAL	Student	Male	josephdenny18@gmail.com	7012642229

Name	Type	Gender	Email	Contact
BAIJU KARUN	Faculty	Male	baijukarun@mgits.ac.in	9447009648

23	Air Quality Management System for Cars	Product Innovation	Technological	Project lab	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Shafna	Student	Female	shafnasalim17@gmail.com	9846766348

Name	Type	Gender	Email	Contact
Rishikesh P.H	Faculty	Male	rishikeshph@mgits.ac.in	9446906223

24	Autonomous Indoor Navigation Robot Assist	Product Innovation	Technological	Project lab	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 Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Nikhil	Student	Male	nikhilmeppurath@gmail.com	8547360861

Name	Type	Gender	Email	Contact
Mekha Franklin	Faculty	Female	meghafranklin@mgits.ac.in	9846122605

25	Channel Modelling for 5G new radio scenarios and Implementation in SDR	Process Innovation	Technological	Project lab	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 Completed	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Riya		Student			Female		riyajoseph44@gmail.com		9048764109				
Name		Type			Gender		Email		Contact				
Dr.Neelakantan P.C		Faculty			Male		principal@mgits.ac.in		9447330360				
26	INTELLIGENT WALKING STICK	Product Innovation	Technological	Project lab	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Abel thomas		Student			Male		abelhevero@gmail.com		8848869025				
Name		Type			Gender		Email		Contact				
ANJALI S.V		Faculty			Female		anjalisv@mgits.ac.in		9567432725				
27	Hydrogen dry cell	Product Innovation	Technological	Muthoot Institute of Technology and Science	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	No	No	No

Name	Type	Gender	Email	Contact
Roshan Prince	Student	Male	19ee139@mgits.ac.in	8593831249

Name	Type	Gender	Email	Contact
Rohit Venu	Student	Male	-	-
Alan Jose	Student	Male	-	-
Sujith Kumar	Student	Male	-	-
Jim George	Faculty	Male	-	-

28	Thermodepolymerization	Process Innovation	Technological	Muthoot Institute of Technology and Science	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	No	No	No
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Name	Type	Gender	Email	Contact
Basil Saju	Student	Male	18ee155@mgits.ac.in	8281527153

Name	Type	Gender	Email	Contact
Joseph P Mathew	Student	Male	-	-
-	Student	Male	-	-
Jones Mathew Cleatus	Student	Male	-	-
Midhun Raj	Student	-	-	-

29	Water flow manager	Product Innovation	Technological	Muthoot Institute of Technology and Science	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 AS AP Kerala		No	No	No	No
									Agency Type Govt. Agency (State)					
									Award / Position / Recognition Secured Finalist					

Name	Type	Gender	Email	Contact
Basil Saju	Student	Male	18ee155@mgits.ac.in	8281527153

Name	Type	Gender	Email	Contact
Leo Benn Dominic	Student	Male	-	-
Johns Mathew Cleatus	Student	Male	-	-
Amrita Asokan	Student	Female	-	-
Poojalakshmi K. P.	Student	Female	-	-
Midhun Raj	Student	Male	-	-

30

Lie detection system	Process Innovation	Technological	Muthoot Institute of Technology and Science	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Dropped	Agency Name	AS AP, Kerala	No	No	No	No
								Agency Type	Govt. Agency (State)				
								Award / Position / Recognition Secured	Finalist				

Name	Type	Gender	Email	Contact
Alwin Ilby	Student	Male	18ee203@mgits.ac.in	9496310478

Name	Type	Gender	Email	Contact
Joseph P Mathew	Student	Male	-	-
Donal Benny	Student	Male	-	-
-	Student	Male	-	-
-	Student	Female	-	-

31	Efficient solar dryer	Product Innovation	Technological	Muthoot Institute of Technology and Science	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Dropped	No	No	No	10000	No	No
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Grant Amount in Rs	10000
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Name	Type	Gender	Email	Contact
Dr. Jani Das	Faculty	Female	janidas@mgits.ac.in	8928081438

Name	Type	Gender	Email	Contact
Abhijith K. S	Student	Male	-	-
Ananthakrishnan V. V.	Student	Male	-	-
Aswin T. A.	Student	Male	-	-

32	Automatic electrode regulation of electric arc furnace using PLC	Process Innovation	Technological	Muthoot Institute of Technology and Science	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 Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Ashish Philip Thomas	Student	Male	ashishphilipthomas@gmail.com	9074529593

Name	Type	Gender	Email	Contact
Megha Mary Shibu	Student	Female	-	-
Gilna K. George	Student	Female	-	-
Dawny Joy	Student	Male	-	-

33	Module wise battery swapping in electric vehicles	Process Innovation	Technological	Muthoot Institute of Technology and Science	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	No	No	No
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Name	Type	Gender	Email	Contact
Emil Raju	Student	Male	17ee305@mgits.ac.in	7994366223

Name	Type	Gender	Email	Contact
Arun Jose	Student	Male	-	-
Febin Mathew George	Student	Male	-	-
Abhirami Dipu	Student	Female	-	-

34	Advanced electronic voting machine	Product Innovation	Technological	Muthoot Institute of Technology and Science	Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Completed	No	No	No	No	No
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Name	Type	Gender	Email	Contact
Sheffin Mathew	Student	Male	17ee289@mgits.ac.in	8129286911

Name	Type	Gender	Email	Contact
Basil Varghese	Student	Male	-	-
Sherin Sabu	Student	Female	-	-
John Jacob	Student	Male	-	-

35	Low cost automatic Water level controller	Product Innovation	Technological	Muthoot Institute of Technology and Science	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	No	No	No
Name		Type			Gender		Email		Contact				
Akshay Kumar S		Student			Male		18ee198@mgits.ac.in		8281941373				
Name		Type			Gender		Email		Contact				
Dr. Anand Hareendran S.		Faculty			Male		anandhareendrans@mgits.ac.in		9995102050				
36	Mentorship App	Product Innovation	Technological	Muthoot Institute of Technology and Science	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	No	No
Name		Type			Gender		Email		Contact				
Aashna Naushad		Student			Female		aashnananu@gmail.com		8921871926				
Name		Type			Gender		Email		Contact				
Dhanya Sudarsan		Faculty			Female		dhanyasudarsan@mgits.ac.in		8075755509				

37	Indivara Jewellery AR Project	Product Innovation	Technological	Muthoot Institute of Technology and Science	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Eldhose K. A.		Student			Male			eldhoseka.abraham@gmail.com			9495722068		
Name		Type			Gender			Email			Contact		
Cerene Mariam Abraham		Faculty			Female			cerenemariam@mgits.ac.in			9496267945		
38	MITS MAP	Product Innovation	Technological	Muthoot Institute of Technology and Science	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	No	No	No
Name		Type			Gender			Email			Contact		
Manu A. T.		Student			Male			atmanu7@gmail.com			9605050441		
Name		Type			Gender			Email			Contact		
Cerene Mariam Abraham		Faculty			Female			cerenemariam@mgits.ac.in			9496267945		

39	Elective Selection Portal	Product Innovation	Technological	Muthoot Institute of Technology and Science	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Eldhose K. A.		Student			Male		eldhoseka.abraham@gmail.com		9495722068				
Name		Type			Gender		Email		Contact				
Dr. Anand Hareendran S.		Faculty			Male		anandhareendrans@mgits.ac.in		9995102050				
40	Online Quiz portal	Product Innovation	Technological	Muthoot Institute of Technology and Science	Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
Name		Type			Gender		Email		Contact				
Mahalingam P. R.		Faculty			Male		mahalingampr@mgits.ac.in		8281134511				
41	Admission Portal	Product Innovation	Technological	Muthoot Institute of Technology and Science	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	No	No	No

Name		Type							Gender			Email		Contact	
Mahalingam P. R.		Faculty							Male			mahalingampr@mgits.ac.in		8281134511	
42	PC App	Product Innovation	Technological	Muthoot Institute of Technology and Science	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	No	No	No	No	No		
	Name		Type							Gender			Email		Contact
	George Scaria		Student							Male			sdygeorgescaria@gmail.com		8943786926
	Name		Type							Gender			Email		Contact
Dr. Anand Hareendran S.		Faculty							Male			anandhareendrns@mgits.ac.in		9995102050	
43	Exam cell automation	Product Innovation	Technological	Muthoot Institute of Technology and Science	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	No	No	No	No	No		
	Name		Type							Gender			Email		Contact
	Abhijith J.		Student							Male			19cs026@mgits.ac.in		9847877387
	Name		Type							Gender			Email		Contact
Cerene Mariam Abraham		Faculty							Female			cerenemariam@mgits.ac.in		9496267945	

44	TechFest Registration App	Product Innovation	Technological	Muthoot Institute of Technology and Science	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Adopted and Implemented at Ground	No	No	No	No	No		
Name		Type			Gender		Email		Contact						
A. V. Aswin		Student			Male		aswinavofficial@gmail.com		9746354664						
Name		Type			Gender		Email		Contact						
Dr. Resmi N. G.		Faculty			Female		resming@mgits.ac.in		9633291997						
45	Inter-vehicular communication platform	Product Innovation	Technological	Muthoot Institute of Technology and Science	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Completed	Agency Name Kerala State Council for Science, Technology and Environment	Agency Type Govt. Agency (State)	Award / Position / Recognition Secured Student research fund	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email		Contact						
Basil Skaria		Student			Male		basilskaria41@gmail.com		8606510215						

Name		Type							Gender			Email		Contact	
Fasila K. A.		Faculty							Female			fasilaka@mgits.ac.in		9995398235	
46	Block chain application for monitoring fund transfer for the education of girl children	Product Innovation	Technological	Muthoot Institute of Technology and Science	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 Completed	No	No	No	No	No		
Name		Type							Gender			Email		Contact	
Sivaprasad		Student							Male			puthusiva@gmail.com		8289827774	
Name		Type							Gender			Email		Contact	
Rakhee M.		Faculty							Female			rakheem@mgits.ac.in		9895369648	
47	Trad 'N Sure	Product Innovation	Technological	Muthoot Institute of Technology and Science	Student-Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Completed	Agency Name	Reboot Kerala Hackathon and additional Skill Acquisition Program	No	Grant Amount in Rs	50000	No	No
									Agency Type	Govt. Agency (State)					
									Award / Position / Recognition Secured	First Prize (Regional final)					

Name	Type	Gender	Email	Contact
Andria Maria Ajai	Student	Female	andriaajai17@gmail.com	8921065408

Name	Type	Gender	Email	Contact
Sreenu G.	Faculty	Female	sreenug@mgits.ac.in	8129352868

48	AYUSH - Healthcare Blockchain platform	Product Innovation	Technological	Muthoot Institute of Technology and Science	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 Completed	Agency Name	TC S Blockchain	No	Grant Amount in Rs	200000	No	No
								Agency Type	Corporate / Industry Association						
								Award / Position / Recognition Secured	first prize						

Name	Type	Gender	Email	Contact
A. V. Aswin	Student	Male	aswinavofficial@gmail.com	9746354664

Name	Type	Gender	Email	Contact
Dr. Anand Hareendran S.	Faculty	Male	anandhareendrans@mgits.ac.in	9995102050

49	Warehouse management for Carborundum Universal	Service Innovation	Technological	Muthoot Institute of Technology and Science	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 Completed	No	No	No	No	No	No
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Name	Type	Gender	Email	Contact
A. G. Sreejith	Student	Male	sreejithag97@gmail.com	9809487937

Name		Type				Gender		Email		Contact		
Mahalingam P. R.		Faculty				Male		mahalingampr@mgits.ac.in		8281134511		
50	3D PRINTED DRONE	Product Innovation	Technological	Research lab and Project lab Mechanical Engineering	Student	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	TRL 4 : Small scale prototype built in a laboratory environment ("ugly prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 15000	No
	Name		Type				Gender		Email		Contact	
	JOSHUA THOMAS		Student				Male		joshuathomas2000@gmail.com		9048015571	
	Name		Type				Gender		Email		Contact	
jonathan reggie		Student				Male		-		9605559675		
51	AN OVERVIEW OF STEEL PEDESTRIAN SUSPENSION BRIDGE: FAILURE STUDY, DESIGN AND LATERAL LOAD RESISTING MECHANISM	Service Innovation	Technological		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	No	No	No	No
	Name		Type				Gender		Email		Contact	
	Dr.Babu Kurian		Faculty				Male		babukurian@mgits.ac.in		9446128912	
	Name		Type				Gender		Email		Contact	
	Eldho Raju		Student				Male		-		-	
Gopika R		Student				Female		-		-		
Jomisha Mary		Student				Female		-		-		
Niniya Babu		Student				Female		-		-		

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	RegalDream Technologies Private Limited	Product Innovation	Technological	36	Student	Venture with Corporate Identification Number (CIN) Registration RegalDream Technologies	2018-19	Received Incubation Support from Incubation Unit	No	No	No	No	No

Name	DIN number	Type	Gender	Email	Contact
Elsa Maria George	8276160	Alumni Entrepreneur	Female	elsamariageorge@gmail.com	9447440083

George John	08276159	Innovator/Entrepreneur External to Institute	Male	georgekoikkara@gmail.com	9447260008
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2	NOVENTUM TECHNOLOGIES PRIVATE LIMITED	Product Innovation	Technological	3561	Student	Venture with Corporate Identification Number (CIN) Registration	2018-19	Graduated from the Incubation unit	<table border="1"> <tr> <td>Agency Name</td> <td>Kerala Startup Mission</td> </tr> <tr> <td>Agency Type</td> <td>Govt. Agency (State)</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Idea day runners up</td> </tr> </table>	Agency Name	Kerala Startup Mission	Agency Type	Govt. Agency (State)	Award / Position / Recognition Secured	Idea day runners up	No	No	No	No
Agency Name	Kerala Startup Mission																		
Agency Type	Govt. Agency (State)																		
Award / Position / Recognition Secured	Idea day runners up																		

Name	DIN number	Type	Gender	Email	Contact
Naveen Anil	08174711	Alumni Entrepreneur	Male	naveenani007@gmail.com	9061663302

	Baselal K				-	Alumni Entrepreneur	Male	baselalk.97@gmail.com	9447588330			
3	Robogaph Technologies Pvt. Ltd	Product Innovation	Technological	36	Student	Venture with Corporate Identification Number (CIN) Registration	2016-17	Venture Development Dropped	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact		
Viswas Eldo		7750826		Student		Male		viswaseldo@gmail.com		8589950148		
Ajins T Salim				-	Student	Male	ajins000@gmail.com	9526033928				
4	CODEISTER TECHNOLOGIES PRIVATE LIMITED	Product Innovation	Technological	76	Student	Venture with Corporate Identification Number (CIN) Registration	2016-17	Venture Development Dropped	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact		
ARAVIND MURALEEDHARAN		7568682		Student		Male		aravind25m@gmail.com		9567499788		
VIVEK SASIDHARAN				-	Student	Male	vivekthottathil@gmail.com	9745230081				
5	ASCALONIC TECHNOLOGIES PRIVATE LIMITED	Product Innovation	Technological	76	Alumni	Venture with Corporate Identification Number (CIN) Registration	2019-20	Graduated from the Incubation unit	No	No	No	No
Name		DIN number		Type		Gender		Email		Contact		
VARGHESE MATHAI		8347094		Alumni Entrepreneur		Male		varghesemathaim@gmail.com		9400346491		

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	NEST SFO	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	2	11-01-2020
2	CIPET-IPT (Central Institute of Petrochemicals Engineering & Technology-Institute of Plastics Technology)KOCHI	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	3	13-02-2019
3	Metrolla Steels pvt. ltd. Muvattupuzha	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring	0	17-06-2019

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

No Data Filled!

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	A DUAL INPUT BUCK. BOOST AND INVERTED MODE SWITCHED CAPACITOR BASED VOLTAGE CONVERTER	201741031722	National	2020 - 03	Uploaded
2	Wearable for bedridden to turn on and off light and fan	20194106945	National	2019 - 04	Uploaded
3	Motion triggered IR based optical electronic touch switch	20194106944	National	2019 - 04	Uploaded

Section 8 > v : List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

No Data Filled!

Section 8 > vi : List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Filled!

Declaration

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

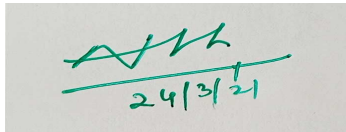
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Neelakantan P.C. (Head of Institute) and Dr. Anjali Varghese C. (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

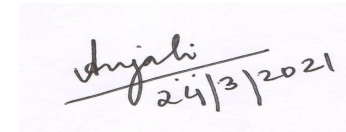
Thank you

The Head of Institute



Dr. Neelakantan P.C.
Head of the Institution,
Puthencruz, Kerala

Nodal officer



Dr. Anjali Varghese C.
Nodal Officer,
Puthencruz, Kerala