



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

Institute Name: Mahatma Gandhi University, Kottayam [ARI-U-0262]

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

Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
School of Behavioural Sciences	Academic Department with lab facility	Behavioural Sciences	UG / PG / PhD	Non-Technical	87	7	6
School of Bio Sciences	Academic Department with lab facility	Bio Sciences	UG / PG / PhD	Non-Technical	166	12	11
School of Chemical Sciences	Academic Department with lab facility	Chemical Sciences	UG / PG / PhD	Non-Technical	134	9	8
School of Computer Sciences	Academic Department with lab facility	Computer Sciences	UG / PG / PhD	Non-Technical	116	3	6
School of Environmental Sciences	Academic Department with lab facility	Environmental Sciences	UG / PG / PhD	Non-Technical	78	5	6
School of Gandhian Thought and Development Studies	Academic Department with lab facility	Social Sciences	UG / PG / PhD	Non-Technical	108	8	8
School of Indian Legal Thought	Academic Department with lab facility	Law	UG / PG / PhD	Both	210	7	10
School of International Relations and Politics	Academic Department with lab facility	Social Sciences	UG / PG / PhD	Non-Technical	130	5	4
School of Letters	Academic Department with lab facility	Languages	UG / PG / PhD	Non-Technical	95	8	6
School of Management and Business Studies	Academic Department with lab facility	Management Studies	UG / PG / PhD	Non-Technical	166	8	6
School of Pedagogical Sciences	Academic Department with lab facility	Education	UG / PG / PhD	Non-Technical	176	8	4
School of Pure and Applied Physics	Academic Department with lab facility	Science	UG / PG / PhD	Non-Technical	85	8	9
School of Social Sciences	Academic Department with lab facility	Social Sciences	UG / PG / PhD	Non-Technical	58	4	5
School of Tourism Studies	Academic Department with lab facility	Tourism	UG / PG / PhD	Non-Technical	44	3	5
School of Physical Education and Sports Sciences	Academic Department with lab facility	Physical Education	UG / PG / PhD	Non-Technical	25	1	6
K N Raj Study Centre for Planning and Central State Financial Relations	Academic Department with lab facility	Economics	UG / PG / PhD	Non-Technical	32	7	2

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

Department of Life Long Learning and Extension	Academic Department with lab facility	Yogic Science and Organic Farming	Diploma / Polytechnic	Non-Technical	412	1	3
Business Innovation and Incubation Centre	Incubation Unit	Life science, Environment, Bio- Nanotechnology, Agriculture, HealthcareIT	Not Allowed	Not Allowed	5	2	0

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 : IC201912922
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	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizin g Departm ent / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(i n Days)	Program Location	Internal Participa nts (Student)	Internal Participa nts (Faculty)	External Participa nts (Student)	External Participa nts (Faculty)	Total Number of Participa nts	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	BIIC- Tech Fest 2019	Entrepre neurship/ Startup, Innovatio	Innovatio n Contest	Student Lead Activity	BUSINE SS INNOVA TION AND INCUBA TION CENTRE in associati on with Kerala Agricultur e Develop ment Society	25-04-20 19 00:00:00	05-05-20 19 00:00:00	11	Outside Campus	20	2	110	2	134	No	Award / Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition Award/Recognition/Achieve ment Received for
2	Invited talk series	IPR, Entrepre neurship/ Startup, Innovatio n	Seminar	Institute Lead Activity	BUSINE SS INNOVA TION AND INCUBA TION CENTRE	03-05-20 19 00:00:00	04-05-20 19 00:00:00	2	Within Campus	50	16	10	4	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No

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3	Inaugurat ion of Startup Incubatio n Facility	Entrepre neurship/ Startup	Exhibition	Student Lead Activity	BUSINE SS INNOVA TION AND INCUBA TION CENTRE	19-08-20 19 00:00:00	19-08-20 19 00:00:00	1	Within Campus	30	15	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	Award / Position / Recognition / Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for
4	STARTU P SCREEN ING	Entrepre neurship/ Startup, Innovatio n	Demo Day	Student Lead Activity	BUSINE SS INNOVA TION AND INCUBA TION CENTRE MAHATM A GANDHI UNIVER SITY	25-11-20 19 00:00:00	25-11-20 19 00:00:00	1	Within Campus	0	3	7	2	12	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	Award / Position / Recognition / Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for
5	Seminar- Talk on Tech- explorer software	IPR	Seminar	Institute Lead Activity	BUSINE SS INNOVA TION AND INCUBA TION CENTRE MAHATM A GANDHI UNIVER SITY	16-12-20 19 00:00:00	16-12-20 19 00:00:00	1	Within Campus	50	10	10	5	75	No	No
6	Internatio nal online conferen ce on Holistic Approach to Immunity to Microbial Diseases and their Treatmen t	Innovatio n	Conferen	Institute Lead Activity	School of Energy Materials	12-09-20 19 00:00:00	13-09-20 19 00:00:00	2	Within Campus	10	5	15	45	75	No	Award / Position / Recognition / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for Award / Received for

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7	Third Internatio nal Conferen ce on Advance d Materials (ICAM – 2019)	Entrepre neurship/ Startup	Conferen ce	Institute Lead Activity	School of Energy Materials	09-08-20 19 00:00:00	11-08-20 19 00:00:00	3	Within Campus	10	5	21	55	91	No	Award / Position / Recognition / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for	Best Poster Award, Best Short Invited Talk
8	Internatio nal Conferen ce on Nutraceut icals, Herbals Supplem ents and Nano Formulati ons (ICNH – 2019)	Entrepre neurship/ Startup	Conferen	Institute Lead Activity	School of Energy Materials	13-09-20 19 00:00:00	15-09-20 19 00:00:00	3	Within Campus	10	5	5	40	60	No	Award / Position / Recognition / Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for	Award Best Poster Award Novel Research Paper/Work
9	Fifth International Conference on Polymer Processing and Characterization (ICPPC – 2019)	Entrepre neurship/ Startup	Conferen	Institute Lead Activity	School of Energy Materials	11-10-20 19 00:00:00	13-10-20 19 00:00:00	3	Within Campus	10	5	21	45	81	No	Award / Position / Recognition / Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for	Award Best Poster Award Idea/Innova tion/Prototy pe

10	Internatio nal Conferen ce on Liquid Crystals, Liquid Crystallin e Polymers and Nanosyst ems (ICLCPN 2019)	Entrepre neurship/ Startup	Conferen ce	Institute Lead Activity	School of Energy Materials	13-12-20 19 00:00:00	15-12-20 19 00:00:00	3	Within Campus	10	5	20	55	90	No	Start-up Secured the Award / Recognition Award/Recog nition/Achieve	Best Poster Award
11	Internatio nal Conferen ce on Natural Polymers , Bio-Polymers , Bio-Materials, their Composit es, Nanocom posites, Blends, IPNs, Polyelect rolytes and Gels: Macro to Nano Scales (ICNP – 2019)	Entrepre neurship/ Startup	Conference	Institute Lead Activity	School of Energy Materials	16-12-20 19 00:00:00	18-12-20 19 00:00:00	3	Within Campus	2	5	5	35	47	No	Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition	Best Poster Award Idea/Innova tion/Prototy
12	Internatio nal online conferen ce on Holistic Approach to Immunity to Microbial Diseases and their Treatmen t (HMDT 2020)	Entrepre neurship/ Startup	Conferen ce	Institute Lead Activity	School of Energy Materials	12-09-20 19 00:00:00	13-09-20 19 00:00:00	2	Within Campus	5	5	5	30	45	No	Start-up Secured the Award / Recognition Award/Recog	Award Best Poster Award Idea/Innova tion/Prototy pe
13	Interface	Entrepre neurship/ Startup, Innovatio n	Hackatho n	Student Lead Activity	School of Compute r Science	13-12-20 19 00:00:00	14-12-20 19 00:00:00	2	Within Campus	60	5	50	20	135	No	No	

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14	One week National Level Worksho p for College Teachers on 'Teaching of Econome trics at UG & PG Levels'	Entrepre neurship/ Startup, Innovatio n	Orientatio n Session	Institute Lead Activity	School of Manage ment and Business Studies	05-08-20 19 00:00:00	11-08-20 19 00:00:00	7	Within Campus	0	10	0	35	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	No
15	Beacon	Entrepre neurship/ Startup, Innovatio n	B-Plan Competiti ons	Student Lead Activity	School of Manage ment and Business Studies	01-10-20 19 00:00:00	02-10-20 19 00:00:00	2	Within Campus	30	0	50	0	80	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	Award / Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for
16	Five-day workshop cum hands on training on mass spectrom etry	Entrepre neurship/ Startup	Worksho p	Student Lead Activity	Inter Universit y Instrume ntation Centre (IUIC) and Sophistic ated Analytical Instrume nts Facility (DST- SAIF)	15-01-20 20 00:00:00	19-01-20 20 00:00:00	5	Within Campus	3	3	8	3	17	No	No

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizin g Agency / Institute Name	Organizin g Agency Type	Program Start Date	Program End Date	Program Duration(i n Days)	Participa nts (Students)	Participa nts (Faculty)	Total Number of Participa nts	Awards/R ecognitio ns/Achiev ements	Award / Position / Recogniti on 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	Review Meeting of Startup holders	Entrepre neurship/ Startup	Start-up Yatra	BUSINE SS INNOVA TION AND INCUBA TION CENTRE	Educatio nal Institute	29-06-20 19 00:00:00	29-06-20 19 00:00:00	1	22	4	26	No			TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
2	Innovatia 2019- Industry- Academi a meet	Entrepre neurship/ Startup	Orientatio n Session	BUSINE SS INNOVA TION AND INCUBA TION CENTRE	Educatio nal Institute	11-10-20 19 00:00:00	11-10-20 19 00:00:00	1	100	15	115	No			TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
3	Innovatia 2019- Industry- Academi a meet second phase	Entrepre neurship/ Startup	Orientatio n Session	BUSINE SS INNOVA TION AND INCUBA TION CENTRE , MAHATM A GANDHI UNIVER SITY	Educatio nal Institute	16-12-20 19 00:00:00	16-12-20 19 00:00:00	1	60	13	73	No			TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
4	Panel Discussio n	Entrepre neurship/ Startup	Mentorin g Session	BUSINE SS INNOVA TION AND INCUBA TION CENTRE MAHATM A GANDHI UNIVER SITY	Educatio nal Institute	19-12-20 19 00:00:00	19-12-20 19 00:00:00	1	0	6	6	No			No	No
5	Young Innovator s Program me	Entrepre neurship/ Startup	Innovatio n Contest	Kerala Develop ment Innovatio n and Strategic Council	Govt. Agency (State)	05-08-20 19 00:00:00	30-08-20 19 00:00:00	26	80	40	120	Yes	Recogniti on	agricultur e and allied sectors	No	Award / Position / Recognition / Recognition / Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for Recognition Recognition/Achieve ment Received for

Itatic	mai anu (or) inter	ilational	LCVCI (OI	garnzea	Dy Exter	nai Orga	IIIZation	3) SCIIL D	y the rie							
6	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	Marian College, Kuttikkan am, Kerala	Educatio nal Institute	01-10-20 19 00:00:00	01-10-20 19 00:00:00	1	50	0	50	Yes	Award	Best Manage ment Team	No	Award / Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve	Best Manageme nt Team
																nition/Achieve ment Received for	Research Paper/Work
7	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	Depaul Institute of Science and Technolo	Educatio nal Institute	04-10-20 19 00:00:00	04-10-20 19 00:00:00	1	60	0	60	Yes	Award	Finance Game	No	Award / Position / Recognition Secured	Award
				gy												Title of Innovation / Start-up Secured the Award / Recognition	Finance Game
																Award/Recog nition/Achieve ment Received for	Novel Research Paper/Work
8	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	SaintGits Institution s, Kottayam	Educatio nal Institute	31-10-20 19 00:00:00	31-10-20 19 00:00:00	1	60	0	60	Yes	Award	Task Manage ment	No	Award / Position / Recognition Secured	Award
																Title of Innovation / Start-up Secured the Award / Recognition	Task Manageme nt
																Award/Recog nition/Achieve ment Received for	Novel Research Paper/Work

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9	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	BCM College, Kottayam	Educatio nal Institute	24-01-20 20 00:00:00	24-01-20 20 00:00:00	1	70	0	70	Yes	Award	Task Manage ment	No	Award / Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for
10	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	Girideepa m Institute of Advance d Studies	Educatio nal Institute	24-01-20 20 00:00:00	24-01-20 20 00:00:00	1	50	0	50	Yes	Award	Marketin g Game	No	Award / Position / Recognition / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for
11	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	SaintGits, Kottayam	Educatio nal Institute	16-01-20 20 00:00:00	16-01-20 20 00:00:00	1	50	0	50	Yes	Award	Best Manage ment Team	No	Award / Position / Recognition / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for

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12	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	K. E College , Mannana m	Educatio nal Institute	18-01-20 20 00:00:00	18-01-20 20 00:00:00	1	40	0	40	Yes	Award	Best Manage ment Team	No	Award / Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition Award/Recognition/Achieve ment Received for Award / Received for
13	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	U.C. Collge, Aluva	Educatio nal Institute	07-02-20 20 00:00:00	07-02-20 20 00:00:00	1	40	0	40	Yes	Recogniti on	Best Manage ment Team	No	Award / Position / Recognition / Recognition / Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition Award/Recognition/Achievement Received for
14	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	Marthom a College, Perumba vur	Educatio nal Institute	23-01-20 20 00:00:00	23-01-20 20 00:00:00	1	60	0	60	Yes	Award	Best Manager	No	Award / Position / Recognition / Recognition / Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition Award/Recognition/Achieve ment Received for

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15	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	Mercy College, Palakkad	Educatio nal Institute	29-01-20 20 00:00:00	29-01-20 20 00:00:00	1	60	0	60	Yes	Award	Best Manager	No	Award / Position / Recognition Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition/Achieve ment Received for
16	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	IMT, Alappuzh a	Educatio nal Institute	29-02-20 20 00:00:00	29-02-20 20 00:00:00	1	50	0	50	Yes	Award	Best Manager	No	Award / Position / Recognition / Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition Award/Recognition/Achieve ment Received for
17	Manage ment Fest	Entrepre neurship/ Startup	B-Plan Competiti ons	Sahriday a College of Manage ment	Educatio nal Institute	09-03-20 20 00:00:00	09-03-20 20 00:00:00	1	40	0	40	Yes	Award	Best Manager	No	Award / Position / Recognition / Secured Title of Innovation / Start-up Secured the Award / Recognition Award/Recognition Award/Recognition/Achieve ment Received for Award / Received for

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/Centr e/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	Entrepreneurship Development and Project Management	Entrepreneurship/Startup	Full time Program	Master	School of Management and Business Studies	02-12-2019	29-05-2020	180	Offline	42	90

2	Economics of innovation and technology	Innovation	Elective/Core Credit Course	Master	K N Raj Centre	01-10-2019	28-03-2020	180	Offline	16	75
3	Social Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	School of Management and Business Studies	01-10-2019	28-03-2020	180	Offline	60	75
4	Technology Management	Entrepreneurship/Startup	Elective/Core Credit Course	Master	School of Management and Business Studies	01-10-2019	28-03-2020	180	Offline	60	75
5	Operations and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Master	School of Management and Business Studies	01-04-2019	27-09-2019	180	Offline	60	75
6	Enterprise Resource Planning and Business Analytics	Innovation	Full time Program	Master	School of Management and Business Studies	01-10-2019	04-02-2020	127	Offline	60	64
7	Nano Science and Nano Technology	Entrepreneurship/Startup, Innovation	Short term Course	Short Term Certificate Course	Directorate for Applied Short Term Programme (DASP) MG University	02-12-2019	09-05-2020	160	Offline	160	160
8	Molecular Microbiology	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Elective)	School of Biosciences	15-01-2020	29-06-2020	167	Offline	6	80

LiList the Employment Generation Skill Development Programs Organized by the HEI on Innovation, IPR and Entrepreneurship Development During the Academic Period (2019-20)

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Faculty Development Programme on Entrepreneurship Skill Development	Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	MAHATMA GANDHI UNIVERSITY	23-11-2020	28-11-2020	6	Online	168	30
2	Food Analysis and Quality Control	Entrepreneurship/Startup	Employment Generation Training Programs	Directorate for Applied Short Term Programme (DASP) MG University	18-08-2019	28-02-2020	195	Offline	9	320
3	waste management	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Directorate for Applied Short Term Programme (DASP) MG University	27-10-2019	03-04-2020	160	Offline	14	160
4	Internal Programming and Web Technologies	Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	Directorate for Applied Short Term Programme (DASP) MG University	01-09-2019	07-02-2020	160	Offline	20	160
5	Certificate Course in Yogic Science	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Life Long Learning and Education (DLLE)	02-06-2019	10-11-2019	162	Offline	49	120
6	Diploma Course in Yogic Science	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Life Long Learning and Education	05-03-2020	31-12-2020	302	Offline	37	180
7	Diploma Course in Organic Farming	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Life Long Learning and Education	28-07-2019	26-07-2020	365	Offline	29	180

8	Certificate Course in Organic Farming	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Life Long Learning and Education	10-05-2019	24-11-2019	199	Offline	28	120	
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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		Departm	nent/Centre/Unit Name		C	esignation	Do you have a deg	gree in I&E & IPR?	Had the faculty rece IPR during	eived training on I&E & g AY 2019-20
1	Dr. Radhakrishnan E K		Business Innovati	on and Incubation Cent	re	Director		No		Yes	
	Training Name	Tra	ining Theme	Type of Course	Traini	ng Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
	FDP in Entrepreneurship	IPR, Entrepren Innovation	eurship/Startup, า	FDP in I&E, IPR	NSTED	B-DST	Govt. Agency (Central)	02-02-2020 00:00:00	14-02-2020 00:00:00	13	Offline
2	Dr Johney Johnson		School of Manage	ement and Business Stu	dies	Professor		Highest degree name in I&E and IPR	e MBA	Yes	
								Degree Type	PG		
								Year of Highest degree in I&E and IPR	1996		
	Training Name Tra		aining Theme Type of Course Tr		Traini	ng Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
3	Dr Siby Zacharias		School of Management and Business Studies			Professor		Highest degree name in I&E and IPR	e MBA	No	
								Degree Type	PG		
								Year of Highest degree in I&E and IPR			
4	Dr E Sulaiman	School of Management and Business Studies			dies	Professor		Highest degree name in I&E and IPR	e MBA	Yes	
								Degree Type	PG		
								Year of Highest degree in I&E and IPR	2010		
	Training Name	Tra	ining Theme	Type of Course	Traini 1	ng Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery

5	Dr Santhosh P Thampi	School of Management and Business Studies	Professor	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR PG 1994	Yes
	Training Name Tra	aining Theme Type of Course Ti	aining Agency Name Training Agency Type	Training Start Date Training End Date	Training Duration (in Days) Mode of Delivery
6	Dr Sajimon Abraham	School of Management and Business Studies	Professor	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR 2016	Yes
	Training Name Tra	aining Theme Type of Course Ti	aining Agency Training Agency Name Type	Training Start Date Training End Date	Training Duration Mode of Delivery
7	Dr Biju M K	School of Management and Business Studies	Assistant Professor	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR MBA PG 2001	Yes
	Training Name Tra	aining Theme Type of Course Ti	aining Agency Name Training Agency Type	Training Start Date Training End Date	Training Duration (in Days) Mode of Delivery
8	Dr Roshana Varghese	School of Management and Business Studies	Assistant Professor	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR 2001	Yes
	Training Name Tra	aining Theme Type of Course Ti	aining Agency Training Agency Name Type	Training Start Date Training End Date	Training Duration (in Days) Mode of Delivery
9	Dr Madhulal	School of Management and Business Studies	Assistant Professor	Highest degree name in I&E and IPR Degree Type Year of Highest degree in I&E and IPR 2010	Yes

	Training Name	Traininç	g Theme	Type of Course	Traini I	ng Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
10	Dr Robinet Jacob	Sc	School of Tourism	Studies		Director		No		No	
11	Dr. Sabu Thomas	So	School of Energy N	Materials		Director		No		No	
12	Dr. Pushpalatha KP	So	School of Compute	er Sciences		Director		No		No	
13	Dr. Prakash Kumar B	Sc	School of Bioscien	ces		Professor		No		No	
14	Dr. Bindu VR	So	School of Compute	er Sciences		Associate P	rofessor	No		No	
15	Dr. Anuj Mohammad	Sc	School of Compute	er sciences		Associate P	rofessor	No		No	
16	Dr. Aravindakumar C.T	Sc	School of Environr	nental Sciences		Professor		No		No	
17	Dr. Mahesh Mohan	So	School of Environr	nental Sciences		Assistant Pr	ofessor	No		No	
18	Dr. Sylas V.P	So	School of Environr	nental Sciences		Assistant Pr	ofessor	No		No	
19	Dr. Nandakumar Kalarickal		Inter University Centre for Nanoscience and Nanotechnology		Director		No		No		
20	Dr. Jayachandran K	Sc	School of Bioscien	ces		Professor		No		No	

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/Activiti es 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	Fullerene Nano	Idea Club	2011	Co-working Space,3D Printing	Pre-Incubation Unit,Incubation Unit,Innovation Labs	125	Ananthuprasad	Ananthuprasad069@g mail.com	7736007987
2	Nanosociety	Idea Club	2014	Co-working Space,Work Stations	Pre-Incubation Unit,Incubation Unit,Innovation Labs	5	Dr. Raji V	rakhiraj09@gmail.com	9447712540
3	Sabu Thomas Goldengroup alumni	Idea Club	2012	Work Stations	Pre-Incubation Unit,Incubation Unit	1	Prof. Kuruvila Joseph	kjoseph.iist@gmail.co m	9447366479
4	Bioscience Forum	Idea Club	1990	Co-working Space	Pre-Incubation Unit,Incubation Unit	5	Sreejith S	sreejithpyd@gmail.co m	9074806857
5	Journal Club	Idea Club	2017	Work Stations	Pre-Incubation Unit,Incubation Unit	4	Sreejith S	sreejithpyd@gmail.co m	9074806857
6	Nature Club	Idea Club	2013	Co-working Space	Pre-Incubation Unit,Incubation Unit	1	Sreejith S	sreejithpyd@gmail.co m	9074806857
7	CSSA	Idea Club	1997	Co-working Space,Work Stations	Pre-Incubation Unit,Incubation Unit	4	Benhur Paul	benpaul13@gmail.com	7034738466

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

Srno	Name of Pre- Incubation Centre	Type of Facility	Year of Establishme nt	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/Innovati 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?
1	School of Pure and Applied Physics	Innovation Centre	2016	Co-working Space	Incubation Unit	Incubation Unit	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Pacility Incharge Phone	5	No	No	No
2	School of Biosciences	Innovation Centre	2016	Co-working Space	Incubation Unit	Incubation Unit	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Email Facility Incharge Email Facility Incharge Phone	10	No	No	No
3	School of Computer Science	Innovation Centre	2016	Co-working Space	Incubation Unit,Innovation Labs,Student Clubs	Incubation Unit,Innovati on Labs,Studen t Clubs	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Pushpa lathakp @mgu. ac.in 999545 2955	5	No	No	No

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

4	International Inter University Centre for Nanoscience and Nanotechnology	Innovation Centre	2016	Co-working Space, Work Stations	Incubation Unit,Innovation Labs	Incubation Unit,Innovati on Labs	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone	2	No	No	No
5	National Institute of Plant Science Technology	Innovation Centre	2016	Co-working Space, Work Stations	Innovation Labs	Innovation Labs	Facility Incharge Name M.S Facility Incharge Email Facility Incharge Email Facility Incharge Phone Page 1949766 4697	2	No	No	No
6	School of Environmental Science	Innovation Centre	2016	Co-working Space,Work Stations	Incubation Unit,Innovation Labs	Incubation Unit,Innovati on Labs	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Dr. C.T.Ar avinda kumar Cta@m gu.ac.i n 048127 32620	5	No	No	No
7	School of Chemical Sciences	Innovation Centre	2016	Co-working Space, Work Stations	Incubation Unit,Innovation Labs	Incubation Unit,Innovati on Labs	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Pacility Incharge Phone Dr. K S Devaky ksdeva kyscs @yaho o.com 949672 0967	4	No	No	No

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)

8	School of Management and Business Studies	Innovation Centre	1998	Work Stations	Incubation Unit,Innovation Labs,Student Clubs	Incubation Unit,Innovati on Labs,Studen t Clubs	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Pacility Johney Johnso n J	8		No	No		No
9	Business Innovation and Incubation Centre	Innovation Centre	2016	Co-working Space,Work Stations	Incubation Unit,Innovation Labs,Innovatior Park/Research Park,Centre of Excellence with Advance Tools,Student Clubs	on Labs,Innova tion	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone	13		Yes	No		Yes
		Sour	ce of Grant / Fu	nd			Agency Name			Agency Type		Total C Incubati ex	Grants / Funds Received by Pre- on & Incubation Centre / Facilities ists in Campus (In Rupees)
	Funding Agency					State Plan Fund			Govt. Ag	gency (State)		10000000	
10	MGU Innovation Foundation	Startup Cell	2019	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools	Incubation Unit,Innovati on Labs,Centre of Excellence with Advance Tools	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Dr. Sanu Xavier Ceo@mguif.c om 940003 6641	5		Yes	No		Yes
		Sour	ce of Grant / Fur	nd			Agency Name			Agency Type		Total C Incubation	Grants / Funds Received by Pre- on & Incubation Centre / Facilities ists in Campus (In Rupees)
	Funding Agency				RUSA			Govt. Ag	gency (Central)		75000000		

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/Manag ement team Strength Engaged at the Facility	Had the CoE Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by CoE Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of CoE Centre/Facilities?
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List the Centre of Excellence (CoE) Facilities with Advance Tools and Equipment at the HEI (>= 1000 Sq. Ft. Floor Area) State Plan Fund, Govt. of Kerala 2016 Pre-No Business Innovation and Yes Dr. Radha Incubation Centre Incubation,Incuba Facility Incharge Name tion krishna Unit,Innovation n EK Labs,Innovation Park/Research Park,Student Clubs radhak Facility Incharge Email rishna nek@ mgu.a Facility Incharge Phone 98479 01149

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
Funding Agency	State Plan Fund	Govt. Agency (State)	10000000

List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

Business Innovation and Incubation Centre 2016 Pre-Incubation, Innovation Labs State Plan Fund, State Government Facility Incharge Phone Pre-Incubation, Innovation Labs State Plan Fund, State Government Pre-Incubation, Innovation Labs State Plan Fund, S	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/Manag ement 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?
	1		2016	Incubation,Innova	State	Name krishna n E K Facility radhak rishna nek@ mgu.a c.in Facility 98479 Incharge 01149	2	Yes	No	Yes

Source of Grant / Fund

Agency Name

Agency Type

Total Grants / Funds Received by Incubation
Facility exists in Campus (In Rupees)

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/Innovat ion Park, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Manag ement team Strength Engaged at the Facility	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Research Park/Innovation Park?	Had the Research Park/Innovation Park Provided any Funding Support for Idea/Prototype/Innovation/Start up/Venture Development and implementation during the Financial Year 2019-20?
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List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

1	MGU Innovation Foundation	2019	Pre- Incubation,Incuba tion Unit	RUSA		Name Facility Incharge Email Facility	Dr. Sanu Xavier ceo@ mguif.c om	5	Yes		No		Yes
		Source of Grant /	Fund				Agency	Name		Agenc	у Туре	Total Grants Facility ex	/ Funds Received by Incubation xists in Campus (In Rupees)
	Funding Agency				RUSA					Govt. Agency (Central)		75000000	

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/Manag ement 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	IPR Cell at Business Innovation and Incubation Centre	2016	Pre-Incubation,Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,Student Clubs	Own Resource (University Fund)	Facility Incharge Name Facility Incharge Email Facility Incharge Email Facility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone Pacility Incharge Phone	13	Yes	No	Yes

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	Mahatma Gandhi University	Govt. Agency (State)	1738000	

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Dr. Radhakrishnan E K	Director	Idea/Innovation Development	10
	Name of Idea/Innovation/ St	artup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	BIONANOPOWER		Within	

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

2	Dr Sajimon Abraham	Professor	Idea/Innovation Development		20
	Name of Idea/Innovation/ S	artup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	Data Analytics		Within		
3	Dr Santhosh P Thampi	Professor	Idea/Innovation Development		18
	Name of Idea/Innovation/ S	artup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	Organic Farming		Within		
4	Dr Johney Johnson	Professor	Idea/Innovation Development		19
	Name of Idea/Innovation/ S	artup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	New Product Development		Within		
5	Dr Robinet Jacob	Director	Entrepreneurship/Startup Development		10
	Name of Idea/Innovation/ S	artup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	Hydro bike, BIIC,APP FACTORY,DIGITAL STUDIO,		Within		
6	Dr. Sabu Thomas	Director	Entrepreneurship/Startup Development		33
	Name of Idea/Innovation/ S	artup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	Adso Naturals		Within	U15115KA2018	PTC109657
7	Dr. Pushpalatha KP	Director	Idea/Innovation Development		10
	Name of Idea/Innovation/ S	artup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	Drowsiness detection for real time application		Within		
8	Dr. Bindu VR	Associate Professor	Idea/Innovation Development		15
	Name of Idea/Innovation/ S	artup Mentored	Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	Design of efficient model for software process		Within		
9	Dr. Prakash Kumar B	Professor	Idea/Innovation Development		10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
	Natural Products for health		Within		
10	Dr. Anuj Mohammad	Associate Professor	Idea/Innovation Development		10

Provide detail list of Faculties as Mentor to help Ideas/Innovations/Startups

Dr. Radhakrishnan E K

	Name of Idea/Innovation/ St	artup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	encryption algorithm for images		Within	
11	Dr. Jayachandran K	Professor	Idea/Innovation Development	20
	Name of Idea/Innovation/ St	artup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Trigonella from Fenugreek		Within	

Provide detail list of External Experts/Agencies engaged as Mentor to help Ideas/Innovations/Startups

Faculty

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Dr. Ryan Baidya	Entrepreneurship/Startup Development	Unstructured Mentorship

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/Inc ubation 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/Startu p/SME Unit during the financial period 2019- 20	Had Centre/institut e 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-	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving preincubation/inc ubation support at your Preincubation/inc ubation or HEI during the financial period 2019-20	Had the Pre- incubation/Inc ubation Centre/HEI received any income/revenu e from Idea/Prototype /Innovations for the pre- incubation/inc ubation support and the services offered by Pre- incubation/inc ubation or institute during the financial period 2019
1	INTERIOUS BIORESEARCH CENTRE	Product Innovation	Technological	MAHATMA GANDHI UNIVERSITY, BUSINESS INNOVATION AND INCUBATION CENTRE	Student- Faculty	TRL 9: Full commerci al application technolog y available for consumer s.	TRL 9 : Full commerci al application technolog y available for consumer s.	Innovation Adopted and Implemented at Ground	Agency Name Agency Type Award / Position / Recognitio n Secured Agency Educatio nal Institute Educatio nal Institute entrepre neur award	Yes	50 00 Gra nt Amo unt in Rs	No	No
		Name		Ту	ре		Ge	ender		Email		Conta	act

Male

radhakrishnanek@mgu.ac.in

9847901149

		Name		Туј	ре		Ge	nder		Email		Con	tact
	Sreejith S		Stude	ent			Male		sreejithpyd@gmail.com			9074806857	
	CALABURA LABS	Product Innovation,Market- place Innovation	Non- Technological / Social / Community Innovation		External to the Institute/In cubatee	TRL 6: Prototype system tested in intended environme nt close to expected performan ce.	kind commerci al system. Manufactu ring issues solved.	Innovation Adopted and Implemented at Ground	No	No	Gra 000 nt Amo unt in Rs	No	No
		Name		Туј	pe		Ge	nder		Email		Con	tact
	Mr. Renjith Mahasena	n	Staff				Male		renjithmahasenan@gmail	.com		9886224104	
	Name			Туре		G	ender		Email		Co	ntact	3
Grade Jols	Product Innovation	Non-Technological / Social / Community Innovation		External to the Institute/Incub atee	TRL 9 : Full commerci al application , technolog y available for consumer s.	TRL 9 : Full commerci al application technolog y available for consumer s.	Implement ed at Ground	Age ncy Na me atio n (NI F) Age ncy Na me atio n (NI F) Age ncy Typ e (Ce ntr al) Awa rd / Posi tion on Rec ognition Sec ured	Yes	Gra nt Amo unt in Rs	No	No	
	Name			Туре		G	ender		Email		Co	ntact	N a m
Jisho			Innovator/Entrepre	neur External to In	stitute M	ale		jishogeorge@	@gmail.com		9544584873		N a m e

Eco loving advancements	Product Innovation	Non- Technologic / Social / Community Innovation	cal ,	Student	TRL 7: Demonstr ation system operating in operationa I environme nt at pre- commerci al scale.	1	Innovation Development Completed	No	Yes	No	No	No
	Name		Ту	ре		Ge	ender		Email		Conta	act
Balu Balachandran		,	Student			Male		balubrpm@gmail.com			9496464097	

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

Srno	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/In cubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registerd as	Year of Registrati on	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/institu te provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishmen t during the financial period 2019- 20	Had the venture/startu p raised any Seed fund/Angel Investment/V C during the period of receiving pre-incubation/inc ubation support at your Pre-incubation/inc ubation or HEI during the financial period 2019-20	Had the Pre- incubation/In cubation Centre/HEI received any income/reven ue from venture/startu p for the pre- incubation/inc ubation support and the services offered by Pre- incubation/inc ubation 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	CALABURA LABS	Product Innovation,Market- place Innovation	Non- Technologica I	2815	External to the Institute/I ncubatee	Venture with 19 Corporate Identificati on Number (CIN) Registrati on	2019-20	Graduated from the Incubation unit	No	Gra nt Am oun t in Rs	No	No	No
		Name		DIN numbe	r	Туре		Gender		Em	nail	Cont	act
	Renjith Mahasenan		3523/20	119		Incubatee Entrepreneur	Male			renjithmahaser m	nan@gmail.co	9886224104	
2	Eco Loving Advancements	Product Innovation,Service Innovation	Non- Technologica I	2815	Student	Venture with Corporate Identificati on Number (CIN) Registrati on	2019-20	Graduated from the Incubation unit	No	Gra nt Am oun t in Rs	No	No	Yes

		Name		DIN number		Туре			Gender		E	Email	Con	tact
	Balu Balachandran		5591/20	5591/2018		Student		Male			balubrpm@g	mail.com	9496464097	
	Shabeer Shajahan 5591/2018			Student		Male			gopikrishnavg@gmail.com		9496464097			
	Gopikrishna V G 5		5591/20	5591/2018		Student		Male		gopikrishnavg@gmail.com		9496464097		
	Abdul Shukkur M		5591/20	18		Student		Male		shukkurm@gmail.com		9947966962		
	Arun Sasi S		5591/20	18		Student		Male			shukkurm@gmail.com		9496464097	
	Aswin Rajan Varghe	se	5591/20	18		Student		Male			shukkurm@gmail.com		9496464097	
3	Adso Naturals Product Innovation Tec		Technologica I	7538	Student	Venture with KA2018 Corporate Identificati on Number (CIN) Registrati on	2018	3-19	Graduated from the Incubation unit	No	Gra nt OO	No	No	Yes
	Name DIN number		Туре		Gender			Email		Con	tact			
	Dr. Sreerag Gopi 07773883		Student		Male			sreeraggopi@gmail.com 8594023331						

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	Kerala Development and Innovation Strategic Council (K-DISC)	Govt. Agency (State)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Mentoring,Netwo rking,Seed fund	2	09-05-2019
2	Confederation of Indian Industry (CII)	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Mentoring,Networking,Seed fund	70	18-12-2019
3	National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Harayana	Govt. Agency (Central)	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre- incubation,Incubation,Mento ring,Networking	30	20-09-2019
4	Kerala Agri Development and Sustainable Producer Company Limited (KADS-PCL), Thodupuzha, Kerala	Non-Govt. Agencies	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Incubation,Mentoring,Netwo rking	30	04-07-2019
5	Agri Biotech Research Centre Limited (ABTEC), Kottayam, Kerala	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre- incubation,Incubation,Mento ring,Networking,Seed fund	2	14-01-2019

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

No Data Flled!

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	Chitosan nanoparticles extracted from Penacus monodon as a bio fertilizer and defence elicitor in ri	201941041354	National	2019 - 10	Uploaded
	2	Development of a bacterial insecticide against Banana Pseudostem Weevil	201941041356	National	2019 - 10
Uploaded		3	Probiotic incorporated fish feed for improved growth performance	201941041355	National
2019 - 10	Uploaded		4	Development of novel reusable polymer supported transition metal catalyst for coupling reactions	201941041353
National	2019 - 10	Uploaded		5	Qualitative assay for the detection of dihydroquereetin production from Penicillium setosum sp.Nov
201941041357	National	2019 - 10	Uploaded		6
Biocompatible Iron-Cobalt- Hydroxyapatite (FeCo@HAP) nano-alloys process and applications	201941000403	National	2019 - 04	Uploaded	
7	Polyvinyl Alcohol Based Nanocomposite Films Fabricated With Zinc Oxide Nanoparticles And Clove Oil For Antimicrobial Application	201941000238	National	2019 - 04	Uploaded
	8	Trigonelline from fenugreek: a quorum sensing mimic of Pseudomonas aeruginosa to enhance QS related property	201941000237	National	2019 - 04
Uploaded		9	Designing of Superior Nanodielectric XLPE/Al2O3 Nanocomposite	201841040356	National
2019 - 04	Uploaded		10	DEVELOPMENT OF G-4 PAMAM-OH DENDRIMER- NANO CURCUMIN CONJUGATES FOR ENHANCED ANTICANCER AND ANTIMICROBIAL ACTIVITY	201841040349
National	2019 - 04	Uploaded		11	Flexible polymer nanocomposites for EMI Shielding
201841040348	National	2019 - 04	Uploaded		12
Electrospun hollow fiber template for fabrication of solid conducting polymer fibers	201841040346	National	2019 - 04	Uploaded	
13	Ionic liquid modified MWCNT based Poly vinyl chloride nanocomposite sensors for temperature sensing applications	201841040345	National	2019 - 04	Uploaded
	14	Conductive Cellulose Nanopapers for EMI shielding applications	201841040344	National	2019 - 04
Uploaded		15	Invention of High-Performance EMI Shielding Coating From Low-Cost Carbon Black with XLPE	201841040343	National

2019 - 04	Uploaded		16	A Sustainable Water Purification System Based on Coir Fiber coupled with UV Treatment	201841040341
National	2019 - 04	Uploaded		17	Filler localization in elastomer blends using new mixing sequence
201841040330	National	2019 - 04	Uploaded		18
Antitumor and antimicrobial efficacy of bioconjugate of silver nanoparticles produced by endophyte isolated from Withaniasomnifera (L.)	201841032445	National	2019 - 04	Uploaded	
19	MWCNTs reinforced polymer blend nanocomposite of Poly(trimethylene terephthalate) and Polypropylene for EMI shielding application	201841003768	National	2019 - 04	Uploaded
	20	New Poly(trimethylene terephthalate) based nanocomposite formulation for EMI Shielding	201841003767	National	2019 - 04
Uploaded		21	Value added conversion of Prawn as cost effective agent to control plant diseases	201841002437	National
2019 - 04	Uploaded		22	Method for the enhancement of piperine production by endophytic fungi using nanosubstrates	201841002436
National	2019 - 04	Uploaded		23	Electromagnetic interference shielding composition

List the IPs hold by the Innovation teams/Startups Incubated at the Pre-incubation/incubation Unit of the HEI

Srno	Title/Name of IP	Type of IP		IP Registration Number		Current Status of IP as on 31st March 2020	Copy of IP screenshot		
1	Qualitative assay for the detection of dihydroquercetin production from Penicillium setosum sp. Nov.	PatentsHoldByInnovations		201941041357		Filed	Uploaded		
	Applicant Name		Applicant Type			Start-up/Innovator Name			
	Tijith K George, Dr. Jisha M S		Incubatee Startup			Tijith K George, Dr. Jish			
2	Development of a bacterial insecticide against Banana Pseudostem weevil		201941041356			Filed	Uploaded		
	Applicant Name		Applicant Type			Start-up/Innovato	or Name		
	Helseena E H, Aju K Asok, Dr. Jisha M S		Incubatee Startup		Helseena E H, Aju K Asok,				
3	Probiotic incorporated fish feed for improved growth performance PatentsHoldByInnovations			201941041355	Filed		Uploaded		
	Applicant Name		Applicant Type		Start-up/Innova		or Name		
	Midhun Sebastian Jose, Dr. Jyothis Mathew, Dr. Radha	Incubatee Startup			Midhun Sebastian Jose, Dr				

4	Chitosan nanoparticles extracted from Penaeus monodon as a bio fertilizer and defence elicitor in rice.	PatentsHoldByInnovations		201941041354	Filed	Uploaded		
	Applicant Name		A	pplicant Type	Start-up/Inno	ovator Name		
	Divya K., Dr. Jisha M S		Incubatee Startup		Divya K., Dr. Jisha M S			
5	Development of novel reusable polymer supported transition metal catalyst for coupling reactions	PatentsHoldByInnovations		201941041353	Filed	Uploaded		
	Applicant Name		A	pplicant Type	Start-up/Innovator Name			
	Sruthi P R, Anas S		Incubatee Startup		Sruthi P R, Anas S			
6	Polyvinyl Alcohol Based Nanocomposite Films Fabricated With Zinc Oxide Nanoparticles And Clove Oil For Antimicrobial Application	PatentsHoldByInnovations		201941000238	Filed	Uploaded		
	Applicant Name		A	pplicant Type	Start-up/Inno	ovator Name		
	Aswathy Jayakumar, Sumi T S, Heera K V, Meritta Joseph, Shiji Mathew , Praveen Govindh, Radhakrishnan E.K		Incubatee Startup		Aswathy Jayakumar, Sumi T			
7	Trigonelline from fenugreek: a quorum sensing mimic of Pseudomonas aeruginosa to enhance QS related property	PatentsHoldByInnovations		201941000237	Filed	Uploaded		
	Applicant Name		A	pplicant Type	Start-up/Inno	ovator Name		
	Sheetal Sivankutty, Dr. Jayachandran K		Incubatee Startup		Sheetal Sivankutty, Dr. J			
8	Designing of Superior Nanodielectric XLPE/Al2O3 Nanocomposite	PatentsHoldByInnovations		201841040356	Filed	Uploaded		
	Applicant Name		Applicant Type		Start-up/Innovator Name			
	Josmin P. Jose, Sabu Thomas		Incubatee Startup		Josmin P. Jose, Sabu Thom			
9	Flexible polymer nanocomposites for EMI Shielding	PatentsHoldByInnovations		201841040348	Filed	Uploaded		
	Applicant Name		A	pplicant Type	Start-up/Inno	ovator Name		
	Hanna J Maria, Agna Joy, Mohammed Arif, Sabu Thom	nas, Nandakumar Kalarikkal	Incubatee Startup		Hanna J Maria, Agna Joy,			
10	Invention of High-Performance EMI Shielding Coating From Low-Cost Carbon Black with XLPE	PatentsHoldByInnovations		201841040343	Filed	Uploaded		
	Applicant Name		A	pplicant Type	Start-up/Inno	ovator Name		
	Apparao Gudimalla, Sajith.T.A, Sabu Thomas, Nandakumar Kalarikkal, Zakiah Ahmad		Incubatee Startup		Apparao Gudimalla, Sajith			
11	Value added conversion of Prawn as cost effective agent to control plant diseases PatentsHoldByInnovations			201841002437	Published	Uploaded		
	Applicant Name		A	pplicant Type	Start-up/Innovator Name			
	Jishma P, Divya A, Jyothis Mathew, Radhakrishanan E K		Incubatee Startup		Jishma P, Divya A, Jyothi			

12	Method for the enhancement of piperine production by endophytic fungi using nano-substrates	PatentsHoldByInnovations		201841002436	Filed	Uploaded	
	Applicant Name	Applicant Name		oplicant Type	Start-up/Innovator Name		
	Jasim Basheer, Dhanoop M S, Aswani R, Chitra S Radhakrishnan E K		Incubatee Startup		Jasim Basheer, Dhanoop M		

List the IP Commercialized/Transferred Published & Granted to HEI as Co-applicant/Co-owner

No Data Flled!

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 Prof. Sabu Thomas (Head of Institute) and Mr. Johney Johnson (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

30 March, 2021

Prof. Sabu Thomas Head of the Institution, Kottayam, Kerala Nodal officer

Mr. Johney Johnson Nodal Officer,

Kottayam, Kerala

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