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

Institute Name: Birla Institute of Technology [ARI-U-0202]

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

Srno	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)
1	Department of Architecture	Academic Department with lab facility	Architecture and Planning	UG / PG / PhD	Technical	177	15	5
2	Department of Bioengineering	Centre of Excellence with Advance Tools & Equipment	Biotechnology	UG / PG / PhD	Technical	150	26	3
3	Department of Civil and Environmental Engineering	Academic Department with lab facility	Civil and Environmental science	UG / PG / PhD	Technical	111	17	9
4	Department of Computer Science and Engineering	Academic Department with lab facility	Compuer Science, IT, AI, Blockchain	UG / PG / PhD	Technical	1140	74	23
5	Department of Chemistry	Academic Department with lab facility	Chemistry	UG / PG / PhD	Technical	50	19	5
6	Department of Chemical Engineering	Academic Department with lab facility	Chemical Engineering, Polymer Engineering, Food Technology	UG / PG / PhD	Technical	390	25	8
7	Department of Electrical and Electronics Engineering	Academic Department with lab facility	Electrical and electronic Engg	UG / PG / PhD	Technical	316	32	6
8	Department of Electronics and communication Engineering	Academic Department with lab facility	ELECTRONICS AND COMMUNICATION ENGINEERING	UG / PG / PhD	Technical	632	48	18
9	Department of Management	Academic Department with lab facility	Management	UG / PG / PhD	Technical	188	17	6
10	Department of Mathematics	Academic Department with lab facility	Mathematics	UG / PG / PhD	Technical	353	12	3
11	Department of Mechanical Engineering	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	495	45	17
12	Department of Production Engineering	Academic Department with lab facility	production and industrial engineering	UG / PG / PhD	Technical	195	39	5

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13	Department of Remote Sensing	Academic Department with lab facility	Geospatial Technology and Applications	UG / PG / PhD	Technical	53	10	0
14	Department of Space Engineering and Rocketry	Academic Department with lab facility	Aerodynamics and Rocket Propulsion	UG / PG / PhD	Technical	6	12	5
15	Department of Physics	Academic Department with lab facility	Physics	UG / PG / PhD	Technical	135	13	9
16	Department of Hotel Management and Catering Technology	Academic Department with lab facility	Hotel Management, House keeping	UG / PG / PhD	Both	128	15	2
17	Department of Pharmaceutical Sciences and Technology	Academic Department with lab facility	Pharmacy	UG / PG / PhD	Both	303	30	8
18	Science and Technology Entrepreneurs Park (STEP)	Incubation Unit	Multidisciplinary	At all level	Technical	0	0	22
19	CAD Facility	Industry Institute Interface Unit	Multidisciplinary	At all level	Technical	0	3	0
20	Central Computing Facility	Research Unit / Park	multidisciplinary, HPC	At all level	Both	0	25	15
21	Central Workshop	Research Unit / Park	Multidisciplinary, CNC, Wirecut EDM	At all level	Technical	0	5	15
22	Central Instrumentation Facility	Industry Institute Interface Unit	Multidisciplinary	At all level	Technical	0	5	0
23	Institute Innovation Council	Pre-incubation unit	Multidisciplinary	UG / PG / PhD	Technical	40	15	0
24	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	patent filing	At all level	Both	0	2	0
25	Association of Computer Machinery (ACM)	Pre-incubation unit	Multidisciplinary	At all level	Both	45	1	0
26	Entrepreneurship Development Cell (EDC)	Pre-incubation unit	multidisciplinary	At all level	Both	50	2	0
27	Environment Protection and Awareness Club (EPAC)	Pre-incubation unit	multidisciplinary	At all level	Both	30	1	0
28	Institute of Electrical and Electronics Engineers (IEEE)	Pre-incubation unit	multidisciplinary	At all level	Both	32	1	0
29	The Institution of Engineering and Technology (IET)	Pre-incubation unit	multidisciplinary	At all level	Both	30	1	0
30	The Institution of Electronics and Telecommunication Engineers (IETE)	Pre-incubation unit	multidisciplinary	At all level	Both	25	1	0
31	Team Firebolt Racing	Pre-incubation unit	vehicle design	At all level	Technical	18	1	0
32	Team Srijan	Pre-incubation unit	vehicle design	At all level	Technical	20	1	0
33	Robolution	Pre-incubation unit	robotics and automation	At all level	Both	40	1	0
34	Team Aveon	Pre-incubation unit	vehicle design	At all level	Both	15	1	0

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

35	Photographic Society (PSOC)	Pre-incubation unit	Photography and film design	At all level	Both	50	1	0
36	Aerospace Society	Pre-incubation unit	Multidisciplinary	At all level	Both	70	1	0
37	Society for Industrial Management and Engineering	Pre-incubation unit	multidisciplinary	At all level	Both	25	3	0
38	Center for Water Research	Centre of Excellence with Advance Tools & Equipment	Water research	At all level	Both	50	15	30
39	Food Technology	Centre of Excellence with Advance Tools & Equipment	Research	At all level	Both	30	2	3

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 : IC201811124
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

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

Srno	Name of Program (Full Name)	Program Theme?	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Workshop on street junction design	Entrepreneurship/Startup	Workshop	Institute Lead Activity	ARCHITECTURE	22-08-2019 00:00:00	22-08-2019 00:00:00	1	Within Campus	25	3	0	0	28	No	No
2	sustainable future	Innovation	Workshop	Institute Lead Activity	ARCHITECTURE	09-12-2019 00:00:00	10-12-2019 00:00:00	2	Within Campus	60	3	0	0	63	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 35000	No
3	how to festival	Entrepreneurship/Startup	Workshop	Institute Lead Activity	ARCHITECTURE	23-09-2019 00:00:00	23-09-2019 00:00:00	1	Within Campus	60	3	0	0	63	No	No

4	Body Conscious Design	Innovation	Workshop	Institute Lead Activity	ARCHITECTURE	07-01-2020 00:00:00	07-01-2020 00:00:00	1	Within Campus	20	3	0	0	23	No	No
5	HUMAN CENTERED DESIGN	Innovation	Seminar	Institute Lead Activity	ARCHITECTURE	13-01-2020 00:00:00	13-01-2020 00:00:00	1	Within Campus	60	3	0	0	63	No	No
6	URURAL	Entrepreneurship/Startup	Seminar	Institute Lead Activity	ARCHITECTURE	09-12-2019 00:00:00	09-12-2019 00:00:00	1	Within Campus	50	3	0	0	53	No	No
7	Simply Body Talk Workshop	Entrepreneurship/Startup	Skill development	Student Lead Activity	Entrepreneurship Development Cell	09-07-2019 00:00:00	10-07-2019 00:00:00	2	Within Campus	22	2	0	0	24	No	No
8	National Innovation and Startup Policy 2019	Entrepreneurship/Startup	Seminar	Student Lead Activity	Entrepreneurship Development Cell	14-10-2019 00:00:00	14-10-2019 00:00:00	1	Within Campus	27	2	0	0	29	No	No
9	Flutter Study Jam	Entrepreneurship/Startup	Skill development	Student Lead Activity	Entrepreneurship Development Cell	11-09-2019 00:00:00	12-09-2019 00:00:00	2	Within Campus	30	0	0	0	30	No	No
10	Digital Tramsformation in Teaching Learning Process	Innovation	Skill development	Institute Lead Activity	TEQIP III and NPIU	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Within Campus	0	4	0	0	4	No	No
11	Recent experience on aerodynamic applied research and flow diagnostic tool development at NAL	Innovation	Skill development	Institute Lead Activity	Department of Space Engineering and rocketry	20-09-2019 00:00:00	20-09-2019 00:00:00	1	Within Campus	11	7	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 15174	No
12	autodesk revit	Innovation	Workshop	Institute Lead Activity	ARCHITECTURE	15-09-2019 00:00:00	17-09-2019 00:00:00	3	Within Campus	105	3	0	0	108	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 24778	No
13	RHINOCEROS and GRASSHOPPER	Innovation	Workshop	Institute Lead Activity	ARCHITECTURE	15-11-2019 00:00:00	17-11-2019 00:00:00	3	Within Campus	105	3	0	0	108	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 17434	No

14	Oeuvre – an architectural colloquium	Innovation	Seminar	Institute Lead Activity	ARCHITECTURE	08-02-2020 00:00:00	08-02-2020 00:00:00	1	Within Campus	150	13	0	0	163	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	27434	No	
15	Virtual Stock Simulation	Innovation	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	10-06-2019 00:00:00	28-06-2019 00:00:00	19	Within Campus	20	0	0	0	20	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No	
16	Investor's Hat	Innovation	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	22	2	0	0	24	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No	
17	Boom Merchant	Entrepreneurship/Startup	Awareness	Student Lead Activity	Entrepreneurship Development Cell	29-09-2019 00:00:00	29-09-2019 00:00:00	1	Within Campus	30	0	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	3000	No	
18	Virtual Stock Simulation	Innovation	Awareness	Student Lead Activity	Entrepreneurship Development Cell	18-12-2019 00:00:00	17-01-2020 00:00:00	31	Within Campus	30	0	0	0	30	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5000	No	
19	Emerging Trends for Smart Grid Automation and Industry 4.0	Innovation	Conference	Institute Lead Activity	Electrical and Electronics Engineering	05-12-2019 00:00:00	07-12-2019 00:00:00	3	Within Campus	15	5	59	12	91	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	500000	Award / Position / Recognition Secured — Best paper award; Title of Innovation / Start-up Secured the Award / Recognition — Best paper award; Award/Recognition/Achievement Received for — Novel Research Paper/Work	

20	IOT Based Power Electronic Interface for Green Energy Management system	Innovation	Workshop	Institute Lead Activity	Electrical and Electronics Engineering	20-05-2019 00:00:00	24-05-2019 00:00:00	5	Within Campus	11	16	10	4	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 510000	No
21	Mughlai Food Fest	Entrepreneurship/ Startup	Skill development	Institute Lead Activity	Hotel Management and Catering Technology	18-10-2019 00:00:00	18-10-2019 00:00:00	1	Within Campus	34	4	0	0	38	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No
22	Manufacturing Process Simulation Software Industry: DHIO Research & Engineering Pvt Ltd	Innovation	Workshop	Institute Lead Activity	Production Engineering	12-09-2019 00:00:00	13-09-2019 00:00:00	2	Within Campus	2	0	0	0	2	No	No
23	One Day Workshop- "X-Ray Residual stress analyzer"	Innovation	Workshop	Institute Lead Activity	Production Engineering	24-05-2019 00:00:00	24-05-2019 00:00:00	1	Within Campus	1	0	0	0	1	No	No
24	An outline of the optical flow diagnosis in representative aerodynamic experiments	Innovation	Skill development	Institute Lead Activity	Space Engineering and rocketry	18-10-2019 00:00:00	18-10-2019 00:00:00	1	Within Campus	7	7	0	0	14	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 17254	No
25	Flow control past bluff bodies	Innovation	Skill development	Institute Lead Activity	Space Engineering and rocketry	08-11-2019 00:00:00	08-11-2019 00:00:00	1	Within Campus	11	7	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 21303	No

26	Manufacturing of Large Solid Boosters	Innovation	Skill development	Institute Lead Activity	Space Engineering and rocketry	11-11-2019 00:00:00	11-11-2019 00:00:00	1	Within Campus	11	7	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 24523	No
27	Planetary Exploration using Lighter-Than-Air Systems	Innovation	Skill development	Institute Lead Activity	Space Engineering and rocketry	09-02-2020 00:00:00	09-02-2020 00:00:00	1	Within Campus	11	7	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 14389	No
28	A Quick Method to Draw Dimensionless Velocity Diagrams for Axial-Flow Compressors and Turbines Directly from Their Flow Coefficient, Loading Coefficient, and Reaction	Innovation	Skill development	Institute Lead Activity	Space Engineering and rocketry	02-03-2020 00:00:00	02-03-2020 00:00:00	1	Within Campus	13	7	0	0	20	No	No
29	A workshop on Arduino - A practical approach to problem solving	Innovation	Skill development	Student Lead Activity	Space Engineering and rocketry	04-03-2020 00:00:00	06-03-2020 00:00:00	3	Within Campus	6	0	0	0	6	No	No
30	Motor Haat 2.0: Inter-College Business Case Study Competitions	Entrepreneurship/Startup	B-Plan Competitions	Student Lead Activity	Student activity forum, BIT Mesra	18-02-2020 00:00:00	18-02-2020 00:00:00	1	Within Campus	32	8	93	0	133	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 12000	No
31	INTERNICO'19	Innovation	Skill development	Student Lead Activity	Student activity forum, BIT Mesra	07-11-2019 00:00:00	07-11-2019 00:00:00	1	Within Campus	70	5	17	1	93	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 10000	No

32	Fold & Fly	Innovation	Innovation Contest	Student Lead Activity	Aerospace Society, BIT Mesra	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	40	0	0	0	40	No	No
33	Solidworks Workshop	IPR	Workshop	Student Lead Activity	Aerospace Society, BIT Mesra	21-02-2020 00:00:00	21-02-2020 00:00:00	1	Within Campus	46	1	0	0	47	No	No
34	Data Science Workshop	Innovation	Workshop	Student Lead Activity	IEEE BIT Mesra	09-09-2019 00:00:00	09-09-2019 00:00:00	1	Within Campus	100	1	0	0	101	No	No
35	Data Structures and Algorithms Workshop	Innovation	Workshop	Student Lead Activity	IEEE BIT Mesra	01-11-2019 00:00:00	02-11-2019 00:00:00	2	Within Campus	150	0	0	0	150	No	No
36	Hack a Bit	Innovation	Hackathon	Student Lead Activity	IEEE BIT Mesra	18-10-2019 00:00:00	20-10-2019 00:00:00	3	Within Campus	500	1	1200	0	1701	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 740000	No
37	Mega Project	Innovation	Innovation Contest	Student Lead Activity	IEEE BIT Mesra	15-09-2019 00:00:00	15-09-2019 00:00:00	1	Within Campus	54	0	0	0	54	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 4564	No
38	Cicada	Innovation	Boot camp	Student Lead Activity	IEEE BIT Mesra	23-09-2019 00:00:00	24-09-2019 00:00:00	2	Within Campus	70	0	40	0	110	No	No
39	C/C++ Workshop	Innovation	Workshop	Student Lead Activity	IEEE BIT Mesra	30-08-2019 00:00:00	31-08-2019 00:00:00	2	Within Campus	200	0	0	200	400	No	No
40	Cash Flow	Entrepreneurship/Startup	Seminar	Student Lead Activity	IEEE BIT Mesra	23-09-2019 00:00:00	24-09-2019 00:00:00	2	Within Campus	200	0	10	0	210	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 2000	No
41	Matlab Workshop	Innovation	Workshop	Student Lead Activity	Electrical and Electronics Engineering Society,BIT Mesra	28-01-2020 00:00:00	30-01-2020 00:00:00	3	Within Campus	60	1	0	0	61	No	No

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

42	Student Mentorship Programme	Innovation	Innovation Contest	Student Lead Activity	Electrical and Electronics Engineering Society,BIT Mesra	20-01-2020 00:00:00	05-03-2020 00:00:00	46	Within Campus	30	1	0	0	31	No	No
43	EEESoc Interviews	Innovation	Mentoring Session	Student Lead Activity	Electrical and Electronics Engineering Society,BIT Mesra	07-01-2020 00:00:00	02-03-2020 00:00:00	56	Within Campus	10	1	0	0	11	No	No
44	Techdesk	Innovation	Innovation Contest	Student Lead Activity	IET On Campus, BIT Mesra	04-04-2019 00:00:00	25-04-2019 00:00:00	22	Within Campus	0	1	0	0	1	No	No
45	Google Explore ML Workshop	Innovation	Workshop	Student Lead Activity	IET On Campus, BIT Mesra	08-08-2019 00:00:00	09-08-2019 00:00:00	2	Within Campus	180	1	0	0	181	No	No
46	C/C++ Workshop	Innovation	Workshop	Student Lead Activity	IET On Campus, BIT Mesra	30-08-2019 00:00:00	01-09-2019 00:00:00	3	Within Campus	250	1	0	0	251	No	No
47	Bake the Code (Pantheon '19)	Innovation	Innovation Contest	Student Lead Activity	IET On Campus, BIT Mesra	28-09-2019 00:00:00	28-09-2019 00:00:00	1	Within Campus	60	1	0	0	61	No	No
48	Nuke Them All (Pantheon '19)	Innovation	Innovation Contest	Student Lead Activity	IET On Campus, BIT Mesra	29-09-2019 00:00:00	29-09-2019 00:00:00	1	Within Campus	70	1	0	0	71	No	No
49	Introduction to Git & GSoc	Innovation	Orientation Session	Student Lead Activity	IET On Campus, BIT Mesra	31-10-2019 00:00:00	31-10-2019 00:00:00	1	Within Campus	50	1	0	0	51	No	No
50	Python Workshop	Innovation	Workshop	Student Lead Activity	IET On Campus, BIT Mesra	11-11-2019 00:00:00	12-11-2019 00:00:00	2	Within Campus	100	1	0	0	101	No	No
51	Git Freeze	Innovation	Innovation Contest	Student Lead Activity	IET On Campus, BIT Mesra	14-12-2019 00:00:00	04-01-2020 00:00:00	22	Within Campus	20	1	0	0	21	No	No
52	Web Development Workshop	Innovation	Workshop	Student Lead Activity	IET On Campus, BIT Mesra	28-01-2020 00:00:00	31-01-2020 00:00:00	4	Within Campus	150	1	0	0	151	No	No
53	Tech relay (Bitotsav' 20)	Innovation	Innovation Contest	Student Lead Activity	IET On Campus, BIT Mesra	14-02-2020 00:00:00	14-02-2020 00:00:00	1	Within Campus	40	1	0	0	41	No	No

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

54	Microsoft Codess Roadshow	Innovation	Orientation Session	Student Lead Activity	IET On Campus, BIT Mesra	24-02-2020 00:00:00	24-02-2020 00:00:00	1	Within Campus	20	1	0	0	21	No	No
55	Linux and Networking workshop	Innovation	Workshop	Student Lead Activity	IET On Campus, BIT Mesra	13-03-2020 00:00:00	15-03-2020 00:00:00	3	Within Campus	50	1	0	0	51	No	No
56	Formula Car Exhibition	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Pantheon	29-09-2019 00:00:00	29-09-2019 00:00:00	1	Within Campus	35	1	650	1	687	No	No
57	Summer Internship	Innovation	Skill development	Student Lead Activity	Team Srijan	01-05-2019 00:00:00	15-06-2019 00:00:00	46	Within Campus	25	1	0	0	26	No	No
58	Solid Works Workshop	Innovation	Workshop	Student Lead Activity	Team Srijan	05-03-2020 00:00:00	05-03-2020 00:00:00	1	Within Campus	30	1	0	0	31	No	No
59	Basic Automobile Workshop	Innovation	Workshop	Student Lead Activity	FIREBOLT RACING	30-08-2019 00:00:00	30-08-2019 00:00:00	1	Within Campus	50	1	0	0	51	No	No
60	Techcrunch	Innovation	Ideation	Student Lead Activity	IETE BIT Mesra	16-05-2019 00:00:00	16-06-2019 00:00:00	32	Within Campus	60	0	0	0	60	No	No
61	CLD Workshop	Innovation	Workshop	Student Lead Activity	IETE BIT Mesra	05-09-2019 00:00:00	07-09-2019 00:00:00	3	Within Campus	170	0	0	0	170	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 12000	No
62	Hacktoberfest	Innovation	Seminar	Student Lead Activity	IETE BIT Mesra	12-10-2019 00:00:00	19-10-2019 00:00:00	8	Within Campus	140	0	60	0	200	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No
63	Inquizitive	Innovation	Innovation Contest	Student Lead Activity	IETE BIT Mesra	02-11-2019 00:00:00	05-11-2019 00:00:00	4	Within Campus	50	0	10	0	60	No	No
64	TechDec	Innovation	Innovation Contest	Institute Lead Activity	IETE BIT Mesra	15-12-2019 00:00:00	05-01-2020 00:00:00	22	Within Campus	50	0	20	0	70	No	No
65	MI-AI	Innovation	Workshop	Student Lead Activity	IETE BIT Mesra	01-02-2020 00:00:00	02-02-2020 00:00:00	2	Within Campus	55	0	0	0	55	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

Srno	Name of	Program	Program	Organizin	Organizin	Program	Program	Program	Participa	Participa	Total	Awards/R	Award /	Title of	Had institute spent expenses	Did any of the participants

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

	Program (Full Name)	Theme	Type	g Agency / Institute Name	g Agency Type	Start Date	End Date	Duration(in Days)	nts (Students)	nts (Faculty)	Number of Participants	ecognitions/Achievements	Position / Recognition Secured	Innovation / Start-up Secured the Award / Recognition	either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	received any awards/recognition for startup / innovation ideas / research
1	Emerging Trends for Smart Grid Automation and Industry	Innovation	Conference	Typhoon HIL and TEQIP 3	Govt. Agency (Central)	05-12-2019 00:00:00	07-12-2019 00:00:00	3	74	17	91	Yes	Best paper award	Best paper award	No	Award / Position / Recognition Secured — Best paper award; Title of Innovation / Start-up Secured the Award / Recognition — Best paper award; Award/Recognition/Achievement Received for — Novel Research Paper/Work
2	Course on IOT Based Power Electronic Interface for Green Energy Management system	Innovation	Workshop	TEQIP	Govt. Agency (Central)	20-05-2019 00:00:00	24-05-2019 00:00:00	5	21	20	41	No	---	---	No	No
3	Internship at Verzeo Bengaluru	Innovation	Training	Verzeo Bengaluru	Corporate / Industry Association	20-01-2020 00:00:00	30-03-2020 00:00:00	71	1	0	1	No	---	---	No	No
4	Internship at US Marketing Int., Jaipur	Innovation	Training	US Marketing Int., Jaipur	Corporate / Industry Association	20-01-2020 00:00:00	30-03-2020 00:00:00	71	1	0	1	No	---	---	No	No
5	Internship at COMFED, Patna	Innovation	Training	COMFED, Patna	Corporate / Industry Association	20-01-2020 00:00:00	30-03-2020 00:00:00	71	5	0	5	No	---	---	No	No
6	Internship at Miebach, Bengaluru	Innovation	Training	Miebach, Bengaluru	Corporate / Industry Association	19-12-2019 00:00:00	18-03-2020 00:00:00	91	1	0	1	No	---	---	No	No
7	Internship at Codeasylums, Bengaluru	Innovation	Training	Codeasylums, Bengaluru	Corporate / Industry Association	20-01-2020 00:00:00	31-03-2020 00:00:00	72	1	0	1	No	---	---	No	No

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

8	Internship at Edgistify, Thane	Innovation	Training	Edgistify, Thane	Corporate / Industry Association	20-01-2020 00:00:00	31-03-2020 00:00:00	72	1	0	1	No	---	---	No	No
9	Internship at PONCHO hospitality, Box 8, Mumbai	Innovation	Training	PONCHO hospitality, Box 8, Mumbai	Corporate / Industry Association	19-12-2019 00:00:00	18-03-2020 00:00:00	91	4	0	4	No	---	---	No	No
10	Internship at Delloite, Hyderabad	Innovation	Training	Delloite, Hyderabad	Corporate / Industry Association	20-01-2020 00:00:00	31-03-2020 00:00:00	72	2	0	2	No	---	---	No	No
11	Internship at Gorgonia n Tech, Bengaluru	Innovation	Training	Gorgonia n Tech, Bengaluru	Corporate / Industry Association	20-01-2020 00:00:00	31-03-2020 00:00:00	72	1	0	1	No	---	---	No	No
12	Implementation of Ergonomics in Manufacturing Industries	Innovation	Workshop	IIT Guwahati	Educational Institute	24-11-2019 00:00:00	28-11-2019 00:00:00	5	2	0	2	No	---	---	No	No
13	Faculty Development Program for Student Induction (FDP-SI) IIT Mandi, Mandi, All India Council for Technical Education(AICTE)	Innovation	Workshop	IIT Mandi	Educational Institute	30-06-2019 00:00:00	06-07-2019 00:00:00	7	1	0	1	No	---	---	No	No
14	Active Learning and Digital Tools (FDP-2019), at Indian Institute of Technology Hyderabad (IIT-Hyderabad)	Innovation	Workshop	IIT Hyderabad	Educational Institute	10-06-2019 00:00:00	14-06-2019 00:00:00	5	5	0	5	No	---	---	No	No

15	One day AICTE expert training program at New Delhi HQ	Innovation	Workshop	AICTE	Govt. Agency (Central)	27-02-2020 00:00:00	27-02-2020 00:00:00	1	5	5	10	No	---	---	No	No
16	Digital Transformation in Teaching Learning Process	Innovation	Skill development	TEQIP III and NPIU	Govt. Agency (Central)	14-02-2020 00:00:00	06-03-2020 00:00:00	22	0	4	4	No	---	---	No	No
17	Introduction to Family Engagement in Education	Innovation	Skill development	EDX	Educational Institute	02-09-2019 00:00:00	06-10-2019 00:00:00	35	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 4260	No
18	UGC-Sponsored 98th Orientation Programme	IPR	Orientation Session	UGC-HRD Centre, Ranchi University	Govt. Agency (Central)	04-12-2019 00:00:00	24-12-2019 00:00:00	21	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 2000	No
19	UGC-Sponsored Refresher Course in Women Sudies and Gender Sensitization(All Subjects)	Innovation	Training	UGC-HRD Centre, Ranchi University	Govt. Agency (Central)	02-07-2019 00:00:00	15-07-2019 00:00:00	14	0	2	2	No	---	---	2000 TotalTotal Expense Amount Incurred by Institute? (In Rupees)	No
20	National Workshop on Fire Research in Propulsion System	Innovation	Workshop	IIT Madras	Educational Institute	23-01-2020 00:00:00	23-01-2020 00:00:00	1	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 80000	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

#	Event	Type	Category	Level	Organizer	Start Date	End Date								Total Expense Amount Incurred by Institute? (In Rupees)	
21	FTP on Data Science and Data Analytics	Entrepreneurship/Startup	Training	Central	Govt. Agency (Central)	02-03-2020 00:00:00	12-03-2020 00:00:00	11	0	60	60	Yes	Trainer in Data Science and Data Analytics	Train the Trainer	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 2000	Award / Position / Recognition Secured: Trainer in Data Science and Data Analytics; Title of Innovation / Start-up Secured the Award / Recognition: Train the Trainer; Award/Recognition/Achievement Received for: Business Model/Start up
22	Summer school on Mathematical Finance	Entrepreneurship/Startup	Training	Autonomous	Non-Govt. Agencies	20-05-2019 00:00:00	21-06-2019 00:00:00	33	60	0	60	No	---	---	No	No
23	AICTE training and learning (ATAL) on Artificial Intelligence	IPR	Skill development	AICTE	Govt. Agency (Central)	01-12-2019 00:00:00	07-12-2019 00:00:00	7	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 21450	No
24	AICTE QIP Short term course on Advances in Materials Characterization techniques	Innovation	Skill development	AICTE	Govt. Agency (Central)	13-05-2019 00:00:00	17-05-2019 00:00:00	5	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 5287	No
25	FDP on ML Application in Software Engg	IPR	Training	NIT Warangal	Govt. Agency (Central)	11-06-2019 00:00:00	16-06-2019 00:00:00	6	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 11346	No
26	International Workshop on Deep Learning	IPR	Skill development	IBM Bangalore	Corporate / Industry Association	16-06-2019 00:00:00	21-06-2019 00:00:00	6	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 24519	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

27	ISI-ICTP summer School on Internet on things	IPR	Skill development	ISI Kolkata	Govt. Agency (Central)	22-07-2019 00:00:00	25-07-2019 00:00:00	4	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 21512	No
28	Short term Course at center of Excellence Bippharmaceutical Technology	IPR	Skill development	IIT Delhi	Educational Institute	10-12-2019 00:00:00	12-12-2019 00:00:00	3	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 38655	No
29	TEQIP-III course on Advancements in Remote Sensing Data Analysis	Innovation	Skill development	IIT roorkee	Educational Institute	17-06-2019 00:00:00	21-06-2019 00:00:00	5	0	1	1	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 12170	No
30	KIT Data Analytics with R	IPR	Skill development	IIT Kharagpur	Educational Institute	20-11-2019 00:00:00	22-11-2019 00:00:00	3	0	2	2	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees) 4736	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	architecture design VII	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Architecture	01-07-2019	31-12-2019	184	Offline	35	40
2	interior design	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Architecture	01-07-2019	31-12-2019	184	Offline	35	40
3	urban design	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Elective)	Architecture	01-07-2019	31-12-2019	184	Offline	35	40
4	architecture design VIII	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Architecture	01-07-2019	31-12-2019	184	Offline	35	40
5	professional practice and tendering process	Entrepreneurship/Startup	Short term Course	Bachelor	Architecture	01-07-2019	31-12-2019	184	Offline	35	40
6	urban infrastructure planning	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Architecture	01-07-2019	31-12-2019	184	Offline	12	40
7	Biosafety Bioethics and IPR	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Elective)	Bioengineering	01-01-2020	30-06-2020	182	Offline	30	45

8	Biosafety Bioethics and IPR	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Master	Bioengineering	01-01-2020	30-06-2020	182	Offline		30	45
9	Biotechnology Management	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Bioengineering	01-01-2020	30-06-2020	182	Offline		30	45
10	Entrepreneurship Business Plan	Entrepreneurship/Startup	Elective/Core Credit Course	Credit Course (Elective)	Chemical Engineering	01-01-2020	30-06-2020	182	Offline		90	40
11	Industrial Robotics	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Elective)	Production Engineering	01-01-2020	30-06-2020	182	Offline		30	40
12	Micro and Nano Manufacturing	IPR, Innovation	Elective/Core Credit Course	Credit Course (Elective)	Production Engineering	01-01-2020	30-06-2020	182	Offline		30	45
13	Statistical Quality Control	IPR, Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Production Engineering	01-01-2020	30-06-2020	182	Offline		30	40
14	Crytograph and Network Security	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Computer Sciences Engineering	01-01-2020	30-06-2020	182	Offline		60	40
15	Artifical Intelligence	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Computer Sciences Engineering	01-01-2020	30-06-2020	182	Offline		60	40
16	Big Data Analysis	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Computer Sciences Engineering	01-07-2019	31-12-2019	184	Offline		60	40
17	Machine Learning	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Computer Sciences Engineering	01-07-2019	31-12-2019	184	Offline		60	45
18	Internet of Things	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Computer Sciences Engineering	01-07-2019	31-12-2019	184	Offline		60	40
19	Deep Learning	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Computer Sciences Engineering	01-07-2019	31-12-2019	184	Offline		60	40
20	Cloud Computing	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Computer Sciences Engineering	01-01-2020	30-06-2020	182	Offline		60	40
21	Mechatronics and its Automation	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Bachelor	Mechanical Engineering	01-07-2019	31-12-2019	184	Offline		30	40
22	Entrepreneurship and Small Business Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engineering	01-01-2020	30-06-2020	182	Offline		30	40
23	Hotel Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Hotel Management and Catering Technology	01-01-2020	30-06-2020	182	Offline		31	40
24	Elements of Rocket Propulsion	Entrepreneurship/Startup, Innovation	Full time Program	Master	Space Engineering and Rocketry	01-07-2019	31-12-2019	184	Offline		24	45
25	Elements of Aerodynamics	IPR, Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Master	Space Engineering and Rocketry	01-07-2019	31-12-2019	184	Offline		24	45
26	Computational Fluid Dynamics	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Space Engineering and Rocketry	01-01-2020	30-06-2020	182	Offline		24	45

27	Entrepreneurship	Entrepreneurship/Startup	Elective/Core Credit Course	Master	Department of Management	01-07-2019	31-12-2019	184	Offline	60	40

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

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	Short term Course On IOT based Power Electronic Interface for Green Energy System	Entrepreneurship/Startup, Innovation	FDP in I&E / IPR	Department of Electrical and Electronics Engineering	20-05-2019	24-05-2019	5	Offline	45	30
2	Employability Skill Training Program	Entrepreneurship/Startup	Employment Generation Training Programs	Training and Placement	15-07-2019	18-09-2019	66	Offline	670	150

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	Vishal Shah	Electronics and Communication 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
Digital Transformation in Teaching Learning Process	Innovation	Short term Certificate	TEQIP-III	Govt. Agency (Central)	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

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
2	Dr. Priyank Kumar	Space Engineering and Rocketry	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
Digital Transformation in Teaching Learning Process	Innovation	Short term Certificate	TEQIP-III	Govt. Agency (Central)	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

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
3	Dr. S. C. Srivastava	Production 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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

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
4	Dr. Subrajeet Mohapatra	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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

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
5	Dr.Anand Bharti	Chemical 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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT BOmbay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

6	Dr. Somak Dutta		Production 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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT BOmbay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

7	Ritu Agrawal		Architecture		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT BOmbay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

8	Shelly Biswas		Assistant Professor		Space Engineering and Rocketry	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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

9	Animesh Ghosh		Assistant Professor		Pharmacetical Science and Technology	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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

10	Praveen Srivastava		Hotel Management and Catering Technology		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

11	Joyjeet Ghose		Production 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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

12	Seshadev Padhi		Mathematics		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

13	Dr. Manik Ghosh		Pharmacetical Science and Technology		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

14	Prakash Kumar		Assistant Professor		Production Engineering		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

15	Debasree Ghosh		Chemical 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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

16	Sumit Mishra		Chemistry		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

17	Nishikant Kumar		Hotel Management and Catering Technology		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

18	SUSHIL KUMAR DHIMAN		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	iit bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

19	KINGSHUK BOSE		Physics		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	iit bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

20	Neelima Sharma		Pharmacetical Science and Technology		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

21	Dr. Vinod Kumar Nigam		Bio Engineeering		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT BOmbay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

22	Swastika Ganguly		Pharmacetical Science and Technology		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

23	Vibha Rani Gupta		Electronics and Communication Engineering		Professor		No		Yes

	Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery

24	Sudip Das		Space Engineering and Rocketry		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT BOmbay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

25	Lakhbir Singh Brar		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

26	Mani Mohan		Civil and Environmental Science		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

27	Vandana Bhattacharjee		Computer Science and Engineering		Professor		No		Yes	

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

28	Dr. Praveen Mishra		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

29	Mrinal Kumar Pathak		Architecture		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

30	Sukalyan Chakraborty		Civil and Environmental Science		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

31	Papiya Mitra Mazumder		Pharmacetical Science and Technology		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

32	Dev Mani Pandey		Bio Engineeering		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

33	Nisha Gupta		Electronics and Communication Engineering		Professor		No		Yes	

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

34	JAWED IQBAL		Civil and Environmental Science		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

35	Abhijit Nag		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT BOmbay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

36	Shailendra Kumar Singh		Management		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

37	MILI GHOSH NEE LALA		Remote Sensing		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

38	Virendra Singh Rathore		Remote Sensing		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
	Advancements in Remote Sensing Data Analysis	Entrepreneurship/Startup, Innovation	Short term Certificate	IIT Roorkee	Govt. Agency (Central)	17-06-2019 00:00:00	21-06-2019 00:00:00	5	Offline
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

39	Dr DILIP KUMAR SINGH		Physics		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT BOmbay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

40	SMRITI MISHRA		Architecture		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

41	Dinesh Prasad		Bio Engineeering		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

42	Dr. Abhinav Kumar Shandilya		Hotel Management and Catering Technology		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT BOmbay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

43	Dr. Richa N. K. Sharma		Remote Sensing		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

44	Manish Kumar		Bio Engineeering		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

45	Prabjot Kaur		Mathematics		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

46	Kunal Mukhopadhyay		Bio Engineeering		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

47	Amitabh Verma		Management		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

48	R. Naresh Kumar		Civil and Environmental Science		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

49	ANJINI KUMAR TIWARY		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

50	Biswatrish Sarkar		Pharmacetical Science and Technology		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

51	Dr. Rishi Sharma		Physics		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

52	Bappa Acherjee		Production 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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

53	Dr. Binay Kumar		Production 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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

54	Dr Richa Pandey		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
		Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

55	Dr. Neeta Kumari		Civil and Environmental Science		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

56	Dr. Gautam Sarkhel		Chemical Engineering		Professor		No		Yes

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

57	Dr. Anupam Roy		Chemical 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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

58	Partha Mondal		Space Engineering and Rocketry		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

59	KOEL MUKHERJEE		Bio Engineeering		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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

60	Dr. Soumya Sidhishwari		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

61	Dr. Laxmi Narayan Pattanaik		Production 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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

62	Sudeepan J		Chemical 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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

63	SANJEET KUMAR		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
Advance Engg. Optimization through Intelligent Techniques(AEOTIT)	Entrepreneurship/Startup, Innovation	Short term Certificate	SVNIT Gujrat	Govt. Agency (Central)	13-05-2019 00:00:00	17-05-2019 00:00:00	5	Offline
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

64	Dr. Bhaskar Karn		Computer Science and 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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

65	Sujata Priyambada Dash		Management	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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

66	Shelly Srivastava		Management	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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

67	Gautam Shandilya		Hotel Management and Catering Technology	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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

68	BARNALI DASGUPTA GHOSH		Chemistry	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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

69	Dr. G T MOHANRAJ		Chemical 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
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

70	ANUPAM GHOSH		Management	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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

71	Dr. Abhimanyu Dev		Pharmacetical Science and Technology		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
	Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

72	Dr. Sneha Singh		Bio Engineeering		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
	A workshop on 3D Bioprinting & Biofabrication Technologies & their Applications	Entrepreneurship/Startup, Innovation	Short term Certificate	IIT Hyderabad	Govt. Agency (Central)	09-12-2019 00:00:00	14-12-2019 00:00:00	6	Offline

73	Dr. Shashwati Ghosh Sachan		Bio Engineeering		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

74	Dr Barij Nayan Sinha		Pharmacetical Science and Technology		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

75	G. K. Agarwal		Chemistry		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-QIP-STCON Microwave heating & Processing of Foods	Entrepreneurship/Startup, Innovation	Short term Certificate	IIT Bombay	Govt. Agency (Central)	13-05-2019 00:00:00	17-05-2019 00:00:00	5	Offline

76	K sridhar Patnaik		Computer Science and 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
	FDP on ML Application in Software Engg	Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	NIT Warangal	Govt. Agency (Central)	11-06-2019 00:00:00	16-06-2019 00:00:00	6	Offline

77	Hare Ram Singh		Bioengineering		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
	A workshop on 3D Bioprinting & Biofabrication Technologies & their Applications	Entrepreneurship/Startup, Innovation	Short term Certificate	IIT Hyderabad	Govt. Agency (Central)	09-12-2019 00:00:00	14-12-2019 00:00:00	6	Offline

78	Santosh Kumar Jha		Bioengineering		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
		A workshop on 3D Bioprinting & Biofabrication Technologies & their Applications	Entrepreneurship/Startup, Innovation	Short term Certificate	IIT Hyderabad	Govt. Agency (Central)	09-12-2019 00:00:00	14-12-2019 00:00:00	6	Offline

79	Indradeo Ram		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 training and learning (ATAL)on Artificial Intelligence	IPR, Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	NIT Patna	Govt. Agency (Central)	01-12-2019 00:00:00	07-12-2019 00:00:00	7	Offline

80	Anup Kumar Keshri		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 training and learning (ATAL)on Artificial Intelligence	IPR, Entrepreneurship/Startup, Innovation	Employment Generation Training Programs	NIT Patna	Educational Institute	01-12-2019 00:00:00	07-12-2019 00:00:00	7	Offline

81	DVVPRVB Suresh		Mathematics		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
		Faculty training on Data Science & analytics	Innovation	FDP in I&E, IPR	IIT Kanpur	Educational Institute	30-03-2020 00:00:00	08-04-2020 00:00:00	10	Offline

82	Radhamadhab Dalai		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
		Faculty Training on Robotics & Automation	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	IIT Kanpur	Educational Institute	17-02-2020 00:00:00	28-02-2020 00:00:00	12	Offline

83	Pawan K Shaw		Mathematics		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
		Faculty training on Data Science & analytics	Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	IIT Kanpur	Educational Institute	02-03-2020 00:00:00	12-03-2020 00:00:00	11	Offline

84	Narayan Sharma		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
		Faculty Training on Robotics & Automation	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	IIT Madras	Educational Institute	17-02-2020 00:00:00	28-02-2020 00:00:00	12	Offline

85	Muthu Kumar S		Bio 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
Advance Polymer composits& nano Composite	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	IIT Delhi	Educational Institute	13-03-2020 00:00:00	17-03-2020 00:00:00	5	Offline
Digital Transformation in Teaching Learning Process	Entrepreneurship/Startup	Short term Certificate	IIT Bombay	Educational Institute	14-02-2020 00:00:00	06-03-2020 00:00:00	22	Online

86	Alok Kumar		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
Faculty training on Data Science & analytics	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	IIT Gandhinagar	Educational Institute	23-03-2020 00:00:00	02-04-2020 00:00:00	11	Offline

87	K. Vamshi Kumar		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
Faculty Traing on Artificial Intelligence & Machine Learning	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	IIT Indore	Educational Institute	07-04-2020 00:00:00	17-04-2020 00:00:00	11	Offline

88	G. K. Mishra		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
Latest MIMO Technology for 5G N/W and IOT	Entrepreneurship/Startup, Innovation	Short term Certificate	IIT Kanpur	Educational Institute	18-04-2020 00:00:00	25-04-2020 00:00:00	8	Online

89	Janardan Sahay		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
Latest MIMO Technology for 5G N/W and IOT	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	IIT Kanpur	Educational Institute	18-04-2020 00:00:00	25-04-2020 00:00:00	8	Online

90	Arunangshu Pal		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
Faculty Training on Internet of Things(IOT)	IPR, Entrepreneurship/Startup, Innovation	FDP in I&E, IPR	IIT Bombay	Educational Institute	23-03-2020 00:00:00	27-03-2020 00:00:00	5	Offline

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	Society for Industrial Management and Engineering (SIME)	Idea Club	2019	Co-working Space	Pre-Incubation Unit	3	Anirudh Raju	sime@bitmesra.ac.in	8084412220
2	Aerospace Society	Innovation Club	2019	Co-working Space	Pre-Incubation Unit,Centre of Excellence with Advance Tools	5	Y Tarun Raghav	ytraghav@gmail.com	9471524484
3	IET On Campus	Innovation Club	2007	Co-working Space	Pre-Incubation Unit,Centre of Excellence with Advance Tools	13	Gyan Prakash Karn	mail@karngyan.com	8051005416
4	ENTREPRENEURSHIP DEVELOPMENT CELL	Startup Club	2007	Co-working Space	Pre-Incubation Unit,Centre of Excellence with Advance Tools	13	Utkarsh Mishra	utkarshmishra2909@gmail.com	8674960047
5	IETE	Innovation Club	2013	Co-working Space	Pre-Incubation Unit,Centre of Excellence with Advance Tools	4	Ravish Kumar	ravishjain024@gmail.com	9335036416
6	Society for Data Science	Idea Club	2019	Co-working Space	Pre-Incubation Unit,Centre of Excellence with Advance Tools	5	Nimish Tiwari	k.nimishtiwari@gmail.com	8299746890
7	Team AVEON	Innovation Club	2016	Co-working Space	Pre-Incubation Unit,Innovation Labs,Centre of Excellence with Advance Tools	3	Asim Prakash	asim22012000@gmail.com	9113468604
8	Association for Computing Machinery	Innovation Club	2010	Co-working Space	Pre-Incubation Unit,Centre of Excellence with Advance Tools	5	Kevin Mathew T	mathewtkevin@gmail.com	9234590104
9	Photographic Society	Startup Club	1980	Co-working Space	Pre-Incubation Unit,Centre of Excellence with Advance Tools	5	Ankitansu Swaroop	ankitanshuswaroop@gmail.com	8368167864
10	Team Firebolt	Innovation Club	2009	Co-working Space	Pre-Incubation Unit,Centre of Excellence with Advance Tools	3	Utkarsh Raj	utkarshrajfirebolt@gmail.com	9546156631

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

Srno	Name of Pre-Incubation Centre	Type of Facility	Year of Establishment	Type of Facilities Available at the Centre	Pre-Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Pre-Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Pre-Incubation Unit Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20	Had institute Generated Income either from Services Offered by Pre-Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation Centre/Facilities?

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	Entrepreneurship Development Cell	EDC	2009	Co-working Space	Innovation Labs,Innovation Park/Research Park,Student Clubs	Innovation Labs,Innovation Park/Research Park,Student Clubs	Facility Incharge Name	Vishal Shah	40	Yes	No	Yes
							Facility Incharge Email	vishalshah@bitmesra.ac.in				
							Facility Incharge Phone	9471503579				

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Own fund	Educational Institute	331000

2	Institute Innovation Cell	Innovation Centre	2019	Co-working Space	Innovation Labs,Student Clubs	Innovation Labs,Student Clubs	Facility Incharge Name	Dr. Ritesh Singh	4	No	No	Yes
							Facility Incharge Email	riteshsingh@bitmesra.ac.in				
							Facility Incharge Phone	9431171181				

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	own fund	Educational Institute	0

3	Central Computational Facility	Innovation Centre	2015	Co-working Space,Work Stations	Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs	Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name	Dr. V. Bhattacharya	5	Yes	No	Yes
							Facility Incharge Email	hod.cse@bitmesra.ac.in				
							Facility Incharge Phone	9431596469				

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	BIT Mesra	Educational Institute	9916

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

4	APPLIED OPTICS LAB	Innovation Centre	2008	Co-working Space,Work Stations	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,Student Clubs	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,Student Clubs	Facility Incharge Name: Dr. Sandeep Singh Solanki / Facility Incharge Email: hod.ece@bitmesra.ac.in / Facility Incharge Phone: 9334424256	5	No	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Own fund	Educational Institute	100000

5	BUILDING SCIENCE LABORATOTRY	Innovation Centre	2005	Co-working Space	Student Clubs	Student Clubs	Facility Incharge Name: Dr. Satyaki Sarkar / Facility Incharge Email: hod.arch@bitmesra.ac.in / Facility Incharge Phone: 9431597302	3	No	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Own fund	Educational Institute	285190

6	Computer Aided Design Laboratory	Innovation Centre	1998	Co-working Space,Work Stations	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name: Dr. D. P. Mishra / Facility Incharge Email: hod.mech@bitmesra.ac.in / Facility Incharge Phone: 7250582643	3	No	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Own fund	Educational Institute	0

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)

7	CARTOGRAPHY AND IMAGE INTERPRETATION	Innovation Centre	2002	Co-working Space,Work Stations	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Student Clubs	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Student Clubs	Facility Incharge Name	Dr. A. P. Krishna	3	No	No	Yes
							Facility Incharge Email	hod.rs @bitm esra.ac .in				
							Facility Incharge Phone	943110 0447				

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource		Own Fund		Educational Institute		6154

8	CONTROL SYSTEMS LAB	Innovation Centre	1975	Co-working Space	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name	Dr. Sarbani Chakraborty	3	No	No	Yes
							Facility Incharge Email	hod.ee e@bit mesra. ac.in				
							Facility Incharge Phone	943112 9477				

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource		Own fund		Educational Institute		40000

9	FIBER OPTIC RESEARCH LAB	Innovation Centre	2004	Co-working Space	Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name	Dr. S. S. Solanki	3	Yes	No	Yes
							Facility Incharge Email	hod.ec e@bit mesra. ac.in				
							Facility Incharge Phone	933442 4256				

Source of Grant / Fund		Agency Name		Agency Type		Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource		Own fund		Educational Institute		34732

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)

10	Rocket Propulsion Lab	Innovation Centre	1975	Co-working Space	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,Student Clubs	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,Student Clubs	Facility Incharge Name: Dr. Mohan Varma Facility Incharge Email: hod.ser@bitmesra.ac.in Facility Incharge Phone: 9431383073	5	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Own fund	Educational Institute	476779

11	NANO MATERIALS SYNTHESIS LAB	Innovation Centre	1990	Co-working Space	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre	Facility Incharge Name: Dr. S. K. Sinha Facility Incharge Email: hod.phy@bitmesra.ac.in Facility Incharge Phone: 9430195009	2	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Own Fund	Educational Institute	78151

12	POWER ELECTRONICS LAB	Innovation Centre	1975	Co-working Space	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs	Facility Incharge Name: Dr. S. Chakraborty Facility Incharge Email: hod.eee@bitmesra.ac.in Facility Incharge Phone: 9431129477	4	Yes	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Own Fund	Educational Institute	0

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)

| 13 | WIRELESS AND MICROWAVE CIRCUIT LAB | Innovation Centre | 1990 | Co-working Space | Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs | Incubation Unit,Innovation Labs,Innovation Park/Research Park,Centre of Excellence with Advance Tools,IPR Cell/Technology Transfer Centre,Student Clubs | Facility Incharge Name: Dr. S. S. Solanki; Facility Incharge Email: hod.ece@bitmesra.ac.in; Facility Incharge Phone: 9334424256 | 5 | Yes | No | Yes |

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus (In Rupees)
Institute's Own Fund / Resource	Own Fund	Educational Institute	0

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?
1	Center of Excellence in Biotechnology	2012	Pre-Incubation,Innovation Labs,IPR Cell/Technology Transfer Centre	TEQIP - II (World Bank)	Facility Incharge Name: Dr. Rakesh Kumar Sinha; Facility Incharge Email: hod.bio@bitmesra.ac.in; Facility Incharge Phone: 9431382724	20	No	No	Yes

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)
-	-	-	388275

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

2	Center of Excellence in Climatology	2011	Innovation Labs		Facility Incharge Name: HoD Physics / Facility Incharge Email: hod.phy@bitmesra.ac.in / Facility Incharge Phone: 9430195009	2	No	No	Yes

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	Own Fund	Educational Institute	0

3	Center for Water Research	2020	Pre-Incubation,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs	Institutional	Facility Incharge Name: Dr. R. Naresh Kumar / Facility Incharge Email: rnaresh@bitmesra.ac.in / Facility Incharge Phone: 9801160279	15	No	No	Yes

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	Institute fund	Educational Institute	3091166

4	Central Workshop	1975	Pre-Incubation,Incubation Unit,Innovation Labs,Innovation Park/Research Park,IPR Cell/Technology Transfer Centre,Student Clubs		Facility Incharge Name: Dr. Joyjeet Ghose / Facility Incharge Email: hod.pe@bitmesra.ac.in / Facility Incharge Phone: 9431927425	10	Yes	No	Yes

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	Institute fund	Educational Institute	33872

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	Name of the Funding Schemes	Facility Details	Total Nos of Dedicated Executive/Manag	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards

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

			the HEI	Available with Incubation Unit, if any (Optional)			ement team Strength Engaged at the Facility	Development and implementation during the Financial Year 2019-20?		Establishment/Operation of Incubation Centre/Facilities?
1	Science Technology and Entrepreneurs Park	1975	Pre-Incubation,Innovation Labs,Innovation Park/Research Park	Institute's own fund	Facility Incharge Name	Dr. Ritesh Singh	22	No	**Yes**	Yes
					Facility Incharge Email	riteshsingh@bitmesra.ac.in			Total Annual Income from Training and Skill Development Services (In Rupees) — 0	
						9431171181			Total Annual Income from (Technical and Business) Mentoring Services (In Rupees) — 0	
					Facility Incharge Phone				Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees) — 222350	

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	Birla Institute of Technology	Educational Institute	6731848

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?

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

| 1 | Central Instrumentation Facility | 2008 | Pre-Incubation,Incubation Unit,Innovation Labs | Institute's own fund | Facility Incharge Name: Dr. Gautam Sarkhel; Facility Incharge Email: gautamsarkhel@bitmesra.ac.in; Facility Incharge Phone: 9431382629 | 8 | No | Yes — Total Annual Income from Training and Skill Development Services (In Rupees): 0; Total Annual Income from (Technical and Business) Mentoring Services (In Rupees): 4323139; Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees): 0 | Yes |

Source of Grant / Fund	Agency Name	Agency Type	Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)
-	-	-	1454947

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	IPR Cell	2013	Pre-Incubation,Innovation Park/Research Park,Centre of Excellence with Advance Tools	Institutional, TEQIP	Facility Incharge Name: Dr. Ritesh Singh; Facility Incharge Email: riteshsingh@bitmesra.ac.in; Facility Incharge Phone: 9431171181	6	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	Own fund	Educational Institute	0

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	Vishal Shah	Assistant Professor	Entrepreneurship/Startup Development	14

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	FLOXUS	Within	
	Tip-Off	Within	
	Shape-AI	Within	
	EDSHED PRIVATE LIMITED	Outside	U74999MH2016PTC285868

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
2	Dr. Priyank Saxena	Assistant professor	Entrepreneurship/Startup Development	14

	Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Ticktactoe	Outside	

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	Padamshree R. M. Vasagam	Idea/Innovation Development	Unstructured Mentorship
2	Raj Kumar Pant	Idea/Innovation Development	Unstructured Mentorship
3	Sudipto Roy	Entrepreneurship/Startup Development	Unstructured Mentorship
4	Niraj Verma	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
5	Sunil K. Sinha	Idea/Innovation Development	Unstructured Mentorship
6	Subhabrata Ray	Idea/Innovation Development	Unstructured Mentorship
7	Chandan Guha	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
8	Pawan Bhageria	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
9	Randeep Agarwal	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
10	Alok Chaturvedi	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship
11	Anirudha Singh	Idea/Innovation Development,Entrepreneurship/Startup Development	Unstructured Mentorship

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

Srno	Name of the Innovation Generated with the Support of HEI	Type of Innovation	Nature of Innovation	Name of the HEI Supported Innovation Development	Innovation Developed by	Stage of Innovation/ Stage of TRL it started receiving the Support during the FY 2019-20	Stage of Innovation/ Stage of TRL reached as on 31st March 2020	Status Pre-Incubation/Incubation Support to Innovation as on 31st March 2020	Had the Innovation Received any Recognition at State, National, International Level Programs during the financial period 2019-20		Had the Innovation Converted into Venture/ Startup/ SME Unit during the financial period 2019-20	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Idea / Prototype / Innovations Development during the financial period 2019-20	Had the Innovations raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/HEI received any income/revenue from Idea/Prototype/Innovations for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019
1	Drought Modelling for International Water Management Institute (IWMI, Sri Lanka)	Process Innovation,Service Innovation	Non-Technological / Social / Community Innovation	Remote Sensing	Faculty	TRL 5 : Large scale prototype tested in intended environment.	TRL 5 : Large scale prototype tested in intended environment.	Innovation Adopted and Implemented at Ground	Agency Name	International Water Management Institute, Srilanka	No	No	No	No
									Agency Type	International Agencies				
									Award / Position / Recognition Secured	Certificate				

Name	Type	Gender	Email	Contact
Dr. C. Jeganathan	Faculty	Male	jeganathanc@bitmesra.ac.in	7763859236

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

Srn o	Name of the Venture/Sta rtup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Sta rtup/SME Unit	Nature of Innovat ion	Name of the Pre-Incubat ion/Inc ubation Unit of HEI Suppor ted Innovat ion Develo pment	Vent ure Foun ded by	Venture Registerd as		Year of Regi strati on	What is the current status of Pre-Incubation/Inc ubation 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-incubat ion/Inc ubation Centre/ HEI receive d any income /revenu e from venture /startup for the pre-incubat ion/inc ubation support and the service s offered by Pre-incubat ion/inc ubation or institut e during the financi al period 2019-20	Has the Start-up Grown to a stage of Employ ment Genera tion to 10 Numbe rs or an annual Turnov er to Rs. 50 Lakhs during the financi al year 2019-20
1	FLOXUS EDUCATIO N PRIVATE LIMITED	Product Innovation	Techno logical	6228	Stud ent	Venture with Corporate Identification Number (CIN) Registration	U80220JH2 020PTC014 856	2019 -20	Received Incubation Support from Incubation Unit	Agency Name	BITOSA Mumbai	Grant Amount in Rs	200000	Loan/Investment Agency Name	BITOSA	No	Yes
										Agency Type	Not-Govt. Agencies			Agency Type	BITOSA		
										Award / Position / Recognition Secured	Sharktank			Total Loan/Angel Investment/VC Fund raised by Start-up during the period of pre-incubation/incuba tion support at your Pre-incubation/incuba tion or institute financial period 2019-20 (in Rupees)	BITOSA		
														Date of Investment Raised	BITOSA		

Name	DIN number	Type	Gender	Email	Contact
Utkarsh Mishra	08834171	Student	Male	utkarshmishra2909@gmail.com	8340235961
Hritik Shubham	-	Student	Male	hritikshubham11111@gmail.com	9123499293

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	LAB Automate Technologies, INC	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	10	09-02-2020
2	Avankia Software Pvt. Ltd. Bangalore, India	Corporate / Industry Association	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	12-02-2020
3	Georgia Institute of Technology, USA	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	06-03-2020
4	Sikkim Manipal University, India	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	12-03-2020
5	Virginia Polytechnic Institute and State University, USA	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	12-03-2020
6	NORTHEASTERN University, Boston, Massachusetts	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	11-06-2020
7	ERLDC, POSOCO	Govt. Agency (Central)	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring	0	22-06-2020
8	ILLINOIS Institute of Technology, USA	Educational Institute	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Mentoring,Networking	0	12-11-2019

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

No Data FIled!

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	METHOD OF PREPARATION OF 3-(ISOXAZOLYLMETHYL)-1,2,4-OXADIAZOLE DERIVATIVES	201931037081	National	2019 - 09	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 FIled!

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

No Data FIled!

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 Mr. Colonel Sukhpal Singh (Head of Institute) and Dr. PRIYANK KUMAR (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
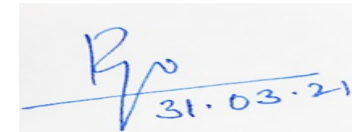
Thank you

The Head of Institute

Nodal officer

Mr. Colonel Sukhpal Singh
Head of the Institution,
Ranchi, Jharkhand

Dr. PRIYANK KUMAR
Nodal Officer,
Ranchi, Jharkhand

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