



ARIIA

ATL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: MIT Academy of Engineering [ARI-C-41725]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Beneficiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Mechanical Engineering	Academic Department with lab facility	Engineering and Technology	UG / PG / PhD	Technical	731	47	30
2	Civil Engineering	Academic Department with lab facility	Engineering and Technology	UG / PG / PhD	Technical	275	17	10
3	Chemical Engineering	Academic Department with lab facility	Engineering and Technology	UG / PG / PhD	Technical	273	17	14
4	Electronics Engineering	Academic Department with lab facility	Engineering and Technology	UG / PG / PhD	Technical	199	17	11
5	Electronics and Telecommunication Engineering	Academic Department with lab facility	Engineering and Technology	UG / PG / PhD	Technical	591	26	12
6	Computer Engineering	Academic Department with lab facility	Engineering and Technology	UG / PG / PhD	Technical	620	33	17
7	Information Technology	Academic Department with lab facility	Engineering and Technology	UG / PG / PhD	Technical	320	16	11
8	Corporate Relations	Industry Institute Interface Unit	Engineering and Technology	UG / PG / PhD	Technical	665	4	2
9	MITAoE Entrepreneurial Development Foundation	Incubation Unit	Sector Agnostic	At all level	Both	732	7	2
10	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	Engineering and Technology	At all level	Both	127	2	2
11	Establishment of Centre of Excellence through modernization of VLSI lab	Centre of Excellence with Advance Tools & Equipment	Science and Technology	UG / PG / PhD	Technical	83	2	2
12	Digital Prototype	Centre of Excellence with Advance Tools & Equipment	science and technology	UG / PG / PhD	Both	196	2	2

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 : IC201810630
Trained Innovation Ambassadors at HEI	NO	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)	No	Not Required

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?		Did any of the participants received any awards/recognition for startup / innovation ideas / research?	
															Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1500	Award / Position / Recognition Secured	certification of appreciation
1	Industry 4.0: Unseen Challenges	Innovation	Seminar	Institute Lead Activity	School of Mechanical and Civil Engineering	19-02-2020 00:00:00	19-02-2020 00:00:00	1	Within Campus	20	0	0	0	20	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	1500	No	
2	Awareness & applications of IoT organized by SEE in association with IET pune LN	Entrepreneurship/Startup, Innovation	Workshop	Institute Lead Activity	IET pune	20-02-2020 00:00:00	20-02-2020 00:00:00	1	Within Campus	100	1	0	0	101	No		No	
3	Partnership event with Incubated Hackathon	Entrepreneurship/Startup	Workshop	Student Lead Activity	Developers Student Club	14-12-2019 00:00:00	14-12-2019 00:00:00	1	Within Campus	15	0	0	0	15	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4500	Award / Position / Recognition Secured	certification of appreciation
																Title of Innovation / Start-up Secured the Award / Recognition	on completion of workshop	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	

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4	2 days Workshop on Drones and RC Planes.	Innovation	Workshop	Student Lead Activity	MITAOE Aero Modeling Club	07-09-2019 00:00:00	08-09-2019 00:00:00	2	Within Campus	10	0	0	0	10	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6500	Award / Position / Recognition Secured	certification of appreciation
																	Title of Innovation / Start-up Secured the Award / Recognition	On completion of workshop
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
5	TECHNO MELA 2k19 – National Level Socio-Technical Symposium -	Innovation	Innovation Contest	Student Lead Activity	GirlScript Club	15-09-2019 00:00:00	15-09-2019 00:00:00	1	Within Campus	278	16	0	0	294	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	47000	Award / Position / Recognition Secured	certification of appreciation
																	Title of Innovation / Start-up Secured the Award / Recognition	For various track
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
6	Free Online Course on "Design Solar System for Homes" in collaboration with Energy Swaraj Foundation	Entrepreneurship/Startup, Innovation	Skill development	Institute Lead Activity	Digital Design Club	15-07-2019 00:00:00	15-07-2019 00:00:00	1	Within Campus	36	0	0	0	36	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	Award / Position / Recognition Secured	certification of appreciation
																	Title of Innovation / Start-up Secured the Award / Recognition	On completion of Training programme
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

7	Innovators In The Campus	Entrepreneurship/Startup	Innovation Contest	Institute Lead Activity	MITAoE Entrepreneurial Development Foundation	24-12-2019 00:00:00	24-12-2019 00:00:00	1	Within Campus	40	0	0	0	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	5500	Award / Position / Recognition Secured	certification of appreciation
																Title of Innovation / Start-up Secured the Award / Recognition	For all various track	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
8	Practice Venture Booster	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	MITAoE Entrepreneurial Development Foundation	16-11-2019 00:00:00	16-11-2019 00:00:00	1	Within Campus	50	0	0	0	50	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4500	No	
9	Intellectual Property Rights Awareness Program	IPR	Mentoring Session	Institute Lead Activity	MITAoE Entrepreneurial Development Foundation and MSME (DI) Mumbai	19-11-2019 00:00:00	19-11-2019 00:00:00	1	Within Campus	127	0	0	0	127	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	9500	Award / Position / Recognition Secured	certification of appreciation
																Title of Innovation / Start-up Secured the Award / Recognition	certification of appreciation	
																Award/Recognition/Achievement Received for	Idea/Innovation/Prototype	
10	Watch A Movie...!!! Related to Innovation and Startup	Entrepreneurship/Startup	Awareness	Student Lead Activity	Ecell MITAOE	19-10-2019 00:00:00	19-10-2019 00:00:00	1	Within Campus	93	2	0	0	95	No	No		
11	Inkl- Essay Writing Competition on Innovation and Entrepreneurship	Entrepreneurship/Startup	Awareness	Student Lead Activity	Ecell MITAOE	17-10-2019 00:00:00	17-10-2019 00:00:00	1	Within Campus	37	0	0	0	37	No	No		

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12	Innovation Day	Entrepreneurship/Startup	Awareness	Institute Lead Activity	MITAoE Entrepreneurial Development Foundation	15-10-2019 00:00:00	15-10-2019 00:00:00	1	Within Campus	119	0	0	0	119	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	7800	Award / Position / Recognition Secured	Best Innovation and Startup Award
																	Title of Innovation / Start-up Secured the Award / Recognition	Winner-HAB INDUSTRIES PVT LTD
																	Award/Recognition/Achievement Received for	Business Model/Startup
13	Workshop on Entrepreneurship and Innovation as career opportunity	Entrepreneurship/Startup	Workshop	Institute Lead Activity	MITAoE Entrepreneurial Development Foundation	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Within Campus	174	0	0	0	174	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	4500	No	No
14	IPL Auction	Entrepreneurship/Startup	Awareness	Student Lead Activity	Ecell MITAOE	21-09-2019 00:00:00	21-09-2019 00:00:00	1	Within Campus	60	0	0	0	60	No	No	No	No
15	Idea Box Competition	Entrepreneurship/Startup	Ideation	Institute Lead Activity	MITAoE Entrepreneurial Development Foundation	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	45	0	0	0	45	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	6000	Award / Position / Recognition Secured	Winner-Best Idea
																	Title of Innovation / Start-up Secured the Award / Recognition	Sehat- An autonomus robot for hospital manegement, Navigation and priliminary health check up
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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16	PRAKAL P 2019 15th National Level Chemical Engineering Students Conference "PRAKAL P-2019" with theme "Waste to Energy"	Innovation	Conference	Institute Lead Activity	School of Chemical Engineering	16-09-2019 00:00:00	17-09-2019 00:00:00	2	Within Campus	150	12	230	0	392	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	87000	Award / Position / Recognition Secured	second prize in poster presentation
17	TEDX MITAOE	Innovation	Motivational speak	Institute Lead Activity	MIT Academy of Engineering	18-01-2020 00:00:00	18-01-2020 00:00:00	1	Outside Campus	153	15	127	0	295	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	476000	No	Novel Research Paper/Work

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity / event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
1	CAD Modeling cum competition	Innovation	Workshop	School of Mechanical and Civil Engineering, MITAOE, Pune	Educational Institute	11-05-2019 00:00:00	11-05-2019 00:00:00	1	20	0	20	No	---	---	No	No
2	PATENT SEARCHING, DRAFTING AND FILING	IPR	Workshop	IPR Cell and Startup Cell, MITAOE, Pune	Educational Institute	29-05-2019 00:00:00	02-06-2019 00:00:00	5	0	1	1	No	---	---	No	No

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3	Techtrix	Innovation	Innovation Contest	D. Y. Patil Institute of Technology, Pimpri-Chinchwad, Pune	Educational Institute	27-09-2019 00:00:00	27-09-2019 00:00:00	1	1	0	1	Yes	Second Position	Second Position	No	Award / Position / Recognition Secured	Second Position	Title of Innovation / Start-up Secured the Award / Recognition	Second Position	Award/Recognition/Achievement Received for	Novel Research Paper/Work
4	Mindspark	Innovation	Innovation Contest	College of Engineering Pune	Educational Institute	28-09-2019 00:00:00	28-09-2019 00:00:00	1	1	0	1	Yes	second prize	second prize	No	Award / Position / Recognition Secured	second prize	Title of Innovation / Start-up Secured the Award / Recognition	second prize	Award/Recognition/Achievement Received for	Novel Research Paper/Work
5	Innovation to Enterprises Competition Clusture Level	Innovation	Innovation Contest	Savitribai Phule Pune University	Educational Institute	18-12-2019 00:00:00	18-12-2019 00:00:00	1	1	0	1	Yes	second prize	second prize	No	Award / Position / Recognition Secured	second prize	Title of Innovation / Start-up Secured the Award / Recognition	second prize	Award/Recognition/Achievement Received for	Novel Research Paper/Work

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6	SAE BAJA 2020(Virtuals)	Innovation	Innovation Contest	Chitkara University-Punjab	Educational Institute	12-07-2019 00:00:00	13-07-2019 00:00:00	2	30	0	30	Yes	9th rank at All india Ranking	Innovation at Vehicle Structure	Total Total Expense Amount Incurred by Institute? (In Rupees)	200000	Award / Position / Recognition Secured	9th rank at All india Ranking	Title of Innovation / Start-up Secured the Award / Recognition	Innovation at Vehicle Structure	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
7	SAE BAJA2020(Main Event),Indore-Madhya Pradesh,	Innovation	Innovation Contest	Chitkara university - Punjab	Educational Institute	22-01-2020 00:00:00	27-01-2020 00:00:00	6	37	0	37	Yes	16th in all india ranking	4th in Rockcrawl 5th in Suspension and traction 6th in Statics	Total Total Expense Amount Incurred by Institute? (In Rupees)	400000	Award / Position / Recognition Secured	16th in all india ranking	Title of Innovation / Start-up Secured the Award / Recognition	4th in Rockcrawl 5th in Suspension and traction 6th in Statics	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
8	GO KART Championship 2020, IKR Bhopal,21-25 January 2020	Innovation	Innovation Contest	Indian Karting Race, Bhopal	Corporate / Industry Association	22-01-2020 00:00:00	25-01-2020 00:00:00	4	25	0	25	Yes	CHAMPIONSHIP All india Ranking 1, Prize Worth Rs. 1,20,000	Future award Best Design Award Bet crosspad award Endurance runnerup	Total Total Expense Amount Incurred by Institute? (In Rupees)	150000	Award / Position / Recognition Secured	CHAMPIONSHIP All india Ranking 1, Prize Worth Rs. 1,20,000	Title of Innovation / Start-up Secured the Award / Recognition	Future award Best Design Award Bet crosspad award Endurance runnerup	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
9	Cran-O-Mania, IIT Bombay Techfest	Innovation	Skill development	IIT Bombay	Educational Institute	05-01-2020 00:00:00	05-01-2020 00:00:00	1	5	0	5	No	---	---	No	No	No	No	No	No	No	

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10	Boeing Techfest, at IIT BOMBAY	Innovation	Ideation	IIT Bombay	Educational Institute	03-01-2020 00:00:00	04-01-2020 00:00:00	2	14	0	14	Yes	3 teams selected in finals with Rs. 15000 price money	Boeing Aeromodelling	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	Award / Position / Recognition Secured	3 teams selected in finals with Rs. 15000 price money
																	Title of Innovation / Start-up Secured the Award / Recognition	Boeing Aeromodelling
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
11	OpRahat Techfest (Drone), at IIT BOMBAY , on 4th January 2020	Innovation	Ideation	IIT Bombay	Educational Institute	04-01-2020 00:00:00	04-01-2020 00:00:00	1	17	0	17	No	---	---	No		No	
12	SCHEMC ON 2019	Innovation	Conference	Shroff S. R. Rotary Institute of Chemical Technology Ankleshwar Gujrat	Educational Institute	17-10-2019 00:00:00	18-10-2019 00:00:00	2	4	0	4	Yes	Best Oral Presentation Award	DESIGN OF A CNG or LPG LEAKAGE DETECTION SYSTEM FOR PROCESS INDUSTRY, HOUSEHOLD PURPOSE and TRANSPORTATION VEHICLES	No		Award / Position / Recognition Secured	Best Oral Presentation Award
																	Title of Innovation / Start-up Secured the Award / Recognition	DESIGN OF A CNG or LPG LEAKAGE DETECTION SYSTEM FOR PROCESS INDUSTRY, HOUSEHOLD PURPOSE and TRANSPORTATION VEHICLES
																	Award/Recognition/Achievement Received for	Novel Research Paper/Work

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13	14th AISSMS Engineering Today 2019, CADWAR Event	Innovation	Ideation	All India Shri Shivaji Memorial Society, Pune	Educational Institute	18-09-2019 00:00:00	20-09-2019 00:00:00	3	5	0	5	Yes	2nd position with Received Gift card of Rs.5000	CADWAR	Total Total Expense Amount Incurred by Institute? (In Rupees)	5400	Award / Position / Recognition Secured	2nd position with Received Gift card of Rs.5000
																	Title of Innovation / Start-up Secured the Award / Recognition	CADWAR
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
14	Creo Modeling, Sinhgad Karandak	Innovation	Awareness	Sinhgad College of Engineering, Pune	Educational Institute	05-11-2019 00:00:00	06-11-2019 00:00:00	2	20	0	20	No	---	---	No	No	No	No
15	SAE Aero Design Challenge Competition	Innovation	Innovation Contest	SAEINDIA Southern Section, Tamil Nadu	Non-Govt. Agencies	15-08-2019 00:00:00	01-03-2020 00:00:00	20	14	1	15	Yes	Got 6th rank - All India Rank	Team BLITZKERG (regular model)	Total Total Expense Amount Incurred by Institute? (In Rupees)	140000	Award / Position / Recognition Secured	Got 6th rank - All India Rank
																	Title of Innovation / Start-up Secured the Award / Recognition	Team BLITZKERG (regular model)
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
16	Air-O-task	Innovation	Innovation Contest	AISSMS Engineering college, Pune	Educational Institute	18-09-2019 00:00:00	19-09-2019 00:00:00	2	10	0	10	Yes	2nd position with Received Gift card of Rs.5000	Innovative Drone Design	No	No	Award / Position / Recognition Secured	2nd position with Received Gift card of Rs.5000
																	Title of Innovation / Start-up Secured the Award / Recognition	Innovative Drone Design
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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17	GRAVITAS IDRL Indian Drone Racing League	Innovation	Innovation Contest	VIT institute of technology, Pune	Educational Institute	12-10-2019 00:00:00	13-10-2019 00:00:00	2	12	0	12	Yes	1st rank in beginner level and 16th rank in all over india (pro level)	Innovative Drone	Total Total Expense Amount Incurred by Institute? (In Rupees)	20000	Award / Position / Recognition Secured	1st rank in beginner level and 16th rank in all over india (pro level)	Title of Innovation / Start-up Secured the Award / Recognition	Innovative Drone	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
18	Aerosweep in association with IDRL at TESSERACT, Annual Science and Technology Festival	Innovation	Innovation Contest	PANDIT DEENDAYA PETROLEUM UNIVERSITY, Gandhinagar, Gujarat	Educational Institute	08-11-2019 00:00:00	10-11-2019 00:00:00	3	25	0	25	Yes	7th rank in all over india (pro level)	Innovative Drone	Total Total Expense Amount Incurred by Institute? (In Rupees)	20000	Award / Position / Recognition Secured	7th rank in all over india (pro level)	Title of Innovation / Start-up Secured the Award / Recognition	Innovative Drone	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
19	Indian Drone Racing League, IDRL competition	Innovation	Innovation Contest	VJTI College of engineering, Matunga, Mumbai	Educational Institute	27-12-2019 00:00:00	28-12-2019 00:00:00	2	16	0	16	Yes	4th place	Innovative Drone Model	Total Total Expense Amount Incurred by Institute? (In Rupees)	12000	Award / Position / Recognition Secured	4th place	Title of Innovation / Start-up Secured the Award / Recognition	Innovative Drone Model	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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20	Indian Drone Racing League	Innovation	Innovation Contest	BITS PILANI GOA	Educational Institute	02-02-2020 00:00:00	03-02-2020 00:00:00	2	27	0	27	Yes	7th rank all over India	Innovative Drone Model	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	Award / Position / Recognition Secured	7th rank all over India	Title of Innovation / Start-up Secured the Award / Recognition	Innovative Drone Model	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
21	Projection Line of Sight Event for Drone	Innovation	Innovation Contest	Parul University, Vadodara, Gujarat	Educational Institute	14-02-2020 00:00:00	15-02-2020 00:00:00	2	13	0	13	Yes	3rd rank in all over India	Innovative Drone	Total Total Expense Amount Incurred by Institute? (In Rupees)	13500	Award / Position / Recognition Secured	3rd rank in all over India	Title of Innovation / Start-up Secured the Award / Recognition	Innovative Drone	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
22	Hackathon Rakathon 2.0	Innovation	Hackathon	Rakuten India	Corporate / Industry Association	09-11-2019 00:00:00	10-11-2019 00:00:00	2	27	1	28	Yes	Participation and Recognition	Smart Communication- Auto Signalling in Railways	Total Total Expense Amount Incurred by Institute? (In Rupees)	10000	Award / Position / Recognition Secured	Participation and Recognition	Title of Innovation / Start-up Secured the Award / Recognition	Smart Communication- Auto Signalling in Railways	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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23	WorldSkills Kazan 2019	Innovation	Hackathon	WorldSkills International	International Agencies	24-08-2019 00:00:00	27-08-2019 00:00:00	4	2	1	3	Yes	Medallion Of Excellence (2 Lakh Rs. To Each Competitor.)	Mobile Robotics	Total Total Expense Amount Incurred by Institute? (In Rupees)	701000	Award / Position / Recognition Secured	Medallion Of Excellence (2 Lakh Rs. To Each Competitor.)	Title of Innovation / Start-up Secured the Award / Recognition	Mobile Robotics	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
24	Technovanza 2029	Innovation	Hackathon	Veer mata Jijabai Technological Institute, Mumbai	Educational Institute	27-12-2019 00:00:00	29-12-2019 00:00:00	3	10	1	11	Yes	Winner in Robo Strike with Price money 15000	Mobile Robotics	Total Total Expense Amount Incurred by Institute? (In Rupees)	15000	Award / Position / Recognition Secured	Winner in Robo Strike with Price money 15000	Title of Innovation / Start-up Secured the Award / Recognition	Mobile Robotics	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
25	Texas Instruments- India Innovation Challenge Design Contest (IICDC)	Innovation	Innovation Contest	DST and Texas Instruments (TI) Inc	Corporate / Industry Association	01-07-2019 00:00:00	31-03-2020 00:00:00	27	12	3	15	Yes	200 dollar price money components (Two teams Reached in finals)	1. Sehat-Medical Assistant Robot For Preliminary Diagnostic, 2. Membrane Filtration and Gas Absorption Of Vehicular Exhaust	Total Total Expense Amount Incurred by Institute? (In Rupees)	16500	Award / Position / Recognition Secured	200 dollar price money components (Two teams Reached in finals)	Title of Innovation / Start-up Secured the Award / Recognition	1. Sehat-Medical Assistant Robot For Preliminary Diagnostic, 2. Membrane Filtration and Gas Absorption Of Vehicular Exhaust	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

26	Innovate for Smart Pimpri Chinchwad	Innovation	Innovation Contest	Pimpri Chinchwad College of Engineering, Pune	Educational Institute	13-09-2019 00:00:00	26-09-2019 00:00:00	14	30	5	35	Yes	Winner	Sehat- An autonomous robot for hospital management, Navigation and preliminary health check up	Total Expense Amount Incurred by Institute? (In Rupees)	9800	Award / Position / Recognition Secured	Winner
																	Title of Innovation / Start-up Secured the Award / Recognition	Sehat- An autonomous robot for hospital management, Navigation and preliminary health check up
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
27	Drone racing	Innovation	Innovation Contest	Pimpri Chinchwad College Of Engineering and Research (PCCOER), Ravet	Educational Institute	12-02-2020 00:00:00	13-02-2020 00:00:00	2	2	1	3	Yes	1st prize with Rs. 6000 price money	Innovative Drone Model	Total Expense Amount Incurred by Institute? (In Rupees)	9800	Award / Position / Recognition Secured	1st prize with Rs. 6000 price money
																	Title of Innovation / Start-up Secured the Award / Recognition	Innovative Drone Model
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
28	PRISM Competition, Primal Research Ideas in Science and Management	Innovation	Hackathon	CHRIST (Deemed to be University) Hosur Road, Bengaluru, India	Educational Institute	22-07-2019 00:00:00	22-07-2019 00:00:00	1	1	1	2	Yes	1st Runnerup with Rs. 40000 Price Money	Fetal Distress Classification Using Machine Learning	Total Expense Amount Incurred by Institute? (In Rupees)	13400	Award / Position / Recognition Secured	1st Runnerup with Rs. 40000 Price Money
																	Title of Innovation / Start-up Secured the Award / Recognition	Fetal Distress Classification Using Machine Learning
																	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype

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

29	International Collegiate Programming Contest is an algorithmic programming contest for college students	Innovation	Hackathon	ACM and ICPC Headquarters Baylor University ICPC Headquarters One Bear Place 97141 Waco, TX 76798-7141 USA	International Agencies	18-10-2019 00:00:00	18-10-2019 00:00:00	1	18	3	21	Yes	Runnerup at India level with Received vouchers for CCDSAP	Coding Competition world League	No	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>Runnerup at India level with Received vouchers for CCDSAP</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Coding Competition world League</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	Runnerup at India level with Received vouchers for CCDSAP	Title of Innovation / Start-up Secured the Award / Recognition	Coding Competition world League	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype			
Award / Position / Recognition Secured	Runnerup at India level with Received vouchers for CCDSAP																									
Title of Innovation / Start-up Secured the Award / Recognition	Coding Competition world League																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
30	Smart City Hackathon 2020	Innovation	Hackathon	Govt of Madhya Pradesh	Govt. Agency (State)	10-04-2019 00:00:00	19-04-2019 00:00:00	10	6	1	7	Yes	2nd Runnerup	Smart Garbage collector	<table border="1"> <tr> <td>Total Total Expense Amount Incurred by Institute? (In Rupees)</td> <td>11700</td> </tr> </table>		Total Total Expense Amount Incurred by Institute? (In Rupees)	11700	<table border="1"> <tr> <td>Award / Position / Recognition Secured</td> <td>2nd Runnerup</td> </tr> <tr> <td>Title of Innovation / Start-up Secured the Award / Recognition</td> <td>Smart Garbage collector</td> </tr> <tr> <td>Award/Recognition/Achievement Received for</td> <td>Idea/Innovation/Prototype</td> </tr> </table>		Award / Position / Recognition Secured	2nd Runnerup	Title of Innovation / Start-up Secured the Award / Recognition	Smart Garbage collector	Award/Recognition/Achievement Received for	Idea/Innovation/Prototype
Total Total Expense Amount Incurred by Institute? (In Rupees)	11700																									
Award / Position / Recognition Secured	2nd Runnerup																									
Title of Innovation / Start-up Secured the Award / Recognition	Smart Garbage collector																									
Award/Recognition/Achievement Received for	Idea/Innovation/Prototype																									
31	e-Yantra Robotics Competition (eYRC 2019-20)	Innovation	Innovation Contest	IIT Bombay	Educational Institute	15-09-2019 00:00:00	31-03-2020 00:00:00	19	24	3	27	No	---	---	No	No										
32	KPIT Sparkle 2020	Innovation	Innovation Contest	KPIT Technologies Limited, Pune	Corporate / Industry Association	29-02-2020 00:00:00	01-03-2020 00:00:00	2	4	1	5	No	---	---	No	No										
33	Mitsubishi Electric Cup 2020	Innovation	Innovation Contest	B.M.S. College of Engineering, Bull Temple Road, Bengaluru	Educational Institute	01-09-2019 00:00:00	15-02-2020 00:00:00	16	4	1	5	No	---	---	No	No										
34	IoT India Congress	Innovation	Innovation Contest	The Institution of Engineering and Technology (IET)	Non-Govt. Agencies	17-09-2019 00:00:00	18-09-2019 00:00:00	2	20	2	22	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

35	Entrepreneurship Educator Certification Programme	Entrepreneurship/Start-up	Training	Wadhvani Foundation	International Agencies	05-06-2019 00:00:00	28-12-2019 00:00:00	20	0	3	3	Yes	Entrepreneurship Educator Certification Level-1	Entrepreneurship Educator	Total Total Expense Amount Incurred by Institute? (In Rupees)	18400	Award / Position / Recognition Secured	Entrepreneurship Educator Certification Level-1	
																	Title of Innovation / Start-up Secured the Award / Recognition	Entrepreneurship Educator	
																	Award/Recognition/Achievement Received for	Business Model/Start up	

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	Prototyping	IPR, Entrepreneurship/Startup, Innovation	Full time Program	Credit Course (Compulsory)	All UG Programme	01-08-2020	29-11-2020	121	Offline	757	56
2	Basics of Entrepreneurship	IPR, Entrepreneurship/Startup, Innovation	Full time Program	Credit Course (Compulsory)	All UG Programme	01-08-2019	29-11-2019	121	Offline	843	36
3	Design Thinking	Entrepreneurship/Startup, Innovation	Elective/Core Credit Course	Credit Course (Compulsory)	All UG Programme	01-08-2019	29-11-2019	121	Offline	462	56

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	Training on Dassault-3D experience CATIA software	Innovation	Employment Generation Training Programs	School of Mechanical and Civil Engineering	01-05-2019	07-05-2019	7	Offline	20	40
2	Mentor Development Programme by Mentoring India program	Entrepreneurship/Startup	MDP in I&E / IPR	Bharatiya Yuva Shakti Trust and Certification by Citi and Guilds (CandG) London	20-06-2019	30-12-2019	194	Online	26	64

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)

No Data Filled!

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	MITAOE Aero Modeling CLub	Innovation Club	2018	Co-working Space	Innovation Labs	2	Sumit Sakarkar	sasakarkar@mitaoe.ac.in	8329535196
2	Developers Student Club	Innovation Club	2018	Co-working Space,Work Stations	Incubation Unit,Innovation Labs	4	Aditya Birangal	aabirangal@mitaoe.ac.in	9890082434
3	Codechef College Chapter	Innovation Club	2018	Co-working Space,Work Stations	Incubation Unit,Innovation Labs	5	Mayur Ghodekar	msgghodekar@mitaoe.ac.in	7522914357
4	Entrepreneurship Development Cell	Startup Club	2018	Co-working Space,Work Stations	Pre-Incubation Unit,Incubation Unit,IPR Cell/Technology Transfer Centre	12	Vinay Khandagale	vgkhandagale@mitaoe.ac.in	7888257351

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?						
1	PROTOTYPE LAB	Innovation Centre	2018	3D Printing & Prototype Equipment	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>PROF. A.S. CHANDORE</td> </tr> <tr> <td>Facility Incharge Email</td> <td>aschandore@mech.mitaoe.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9665723437</td> </tr> </table>	Facility Incharge Name	PROF. A.S. CHANDORE	Facility Incharge Email	aschandore@mech.mitaoe.ac.in	Facility Incharge Phone	9665723437	0	No	No	Yes
Facility Incharge Name	PROF. A.S. CHANDORE																
Facility Incharge Email	aschandore@mech.mitaoe.ac.in																
Facility Incharge Phone	9665723437																
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			MITAOE			Educational Institute			2321000								

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

2	CAD/CAM LAB	Innovation Centre	2006	Work Stations	Innovation Labs	Innovation Labs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>PROF. D.B. PANCHAL</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dbpanchal@mech.mepune.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9881227745</td> </tr> </table>	Facility Incharge Name	PROF. D.B. PANCHAL	Facility Incharge Email	dbpanchal@mech.mepune.ac.in	Facility Incharge Phone	9881227745	1	No	No	Yes
Facility Incharge Name	PROF. D.B. PANCHAL																
Facility Incharge Email	dbpanchal@mech.mepune.ac.in																
Facility Incharge Phone	9881227745																
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					MIT Academy of Engineering			Educational Institute		249000							

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	Establishment of Centre of Excellence through modernization of VLSI lab	2019	Innovation Labs	AICTE (under MODROB)	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr.D.Y .Sakhare</td> </tr> <tr> <td>Facility Incharge Email</td> <td>dysakhare@etx.mepune.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8149205941</td> </tr> </table>	Facility Incharge Name	Dr.D.Y .Sakhare	Facility Incharge Email	dysakhare@etx.mepune.ac.in	Facility Incharge Phone	8149205941	2	No	No	Yes
Facility Incharge Name	Dr.D.Y .Sakhare														
Facility Incharge Email	dysakhare@etx.mepune.ac.in														
Facility Incharge Phone	8149205941														
Source of Grant / Fund				Agency Name			Agency Type		Total Grants / Funds Received by CoE Facility exists in Campus (In Rupees)						
Funding Agency				AICTE (under MODROB)			Govt. Agency (Central)		967200						

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?
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Section 3 > ii > c : List the Incubation Facilities at the HEI (>= 1500 Sq. Ft. Floor Area)

1	MITAOE Entrepreneurial Development Foundation	2019	Pre-Incubation, Innovation Labs, IPR Cell/Technology Transfer Centre	MIT Academy of Engineering	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Tukaram B. Sonawane</td> </tr> <tr> <td>Facility Incharge Email</td> <td>edcell@mitaoe.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8087323146</td> </tr> </table>	Facility Incharge Name	Tukaram B. Sonawane	Facility Incharge Email	edcell@mitaoe.ac.in	Facility Incharge Phone	8087323146	02	Yes	No	Yes
Facility Incharge Name	Tukaram B. Sonawane														
Facility Incharge Email	edcell@mitaoe.ac.in														
Facility Incharge Phone	8087323146														
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				MIT Academy of Engineering		Educational Institute		1078941							

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

No Data Filled!

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

No Data Filled!

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

Srno	Name of the Faculty	Designation of the Faculty	Mentor Expert Area	Years of Experience in Mentorship (In Years)
1	Mr. Shailesh Bhokare	Incubation Manager	Entrepreneurship/Startup Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Preskilet		Within	
	Go green		Within	
	Power of Vision		Within	
	RAB Ride		Within	
2	Prof. Tukaram Sonawane	CEO	Entrepreneurship/Startup Development	3

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

		Name of Idea/Innovation/ Startup Mentored	Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		HAB Industries Pvt Ltd	Within	U74999PN2019PTC186258
		HunarPro Skilling Pvt Ltd	Within	U80900PN2019PTC181771
		Inventnote	Within	
		TechSword Solutions	Within	AAD-2785
		Kosity Food	Within	
		MICKEY CREATION AND IT CONSULTANCY PRIVATE LIMITED	Within	U72501PN2018PTC176219
3	Prof. P. R. Hatte	Dean	Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		.	Within	
4	Dr. Parag Sutar	Asst Prof	Entrepreneurship/Startup Development	2
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		-	Within	
5	Mr. Rudragauda Patil	Asst Prof	Entrepreneurship/Startup Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		-	Within	
6	Mr. Dhananjay Deore	Asst Prof	Entrepreneurship/Startup Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		-	Within	
7	Mr. Mahendra Shete	Asst Prof	Entrepreneurship/Startup Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		-	Within	
8	Mr. Mahesh Vibhute	Asst Prof	Entrepreneurship/Startup Development	1
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
		-	Within	
9	Dr. Abhijit Malge	Head and Dean	IPR Protection & Commercialization	2

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

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

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

Srno	Name of the External Expert/Agency as Mentor	Mentor Expert Area	Type of Mentorship
1	Ankit Machar	Entrepreneurship/Startup Development	Unstructured Mentorship
2	Swarup Pandya	Entrepreneurship/Startup Development	Unstructured Mentorship
3	Ram Bende	Entrepreneurship/Startup Development	Unstructured Mentorship
4	Raj Bhat	Entrepreneurship/Startup Development	Unstructured Mentorship
5	Santosh Kawale	Idea/Innovation Development,Entrepreneurship/Startup Development,IPR Protection & Commercialization	Unstructured Mentorship
6	Sushant Kulkarni	IPR Protection & Commercialization	Unstructured Mentorship
7	Niharika Gaur	Entrepreneurship/Startup Development	Unstructured Mentorship
8	Pradip Gaikwad	Entrepreneurship/Startup Development	Unstructured Mentorship
9	Abhishek Rotkar	Entrepreneurship/Startup Development	Unstructured Mentorship
10	Mr. Rohit Lalwani	Entrepreneurship/Startup Development	Unstructured Mentorship
11	Mr. Rishi Kapal	Entrepreneurship/Startup Development	Unstructured Mentorship
12	Mr. Surendra Agarwal	Entrepreneurship/Startup Development	Unstructured Mentorship
13	Mr. Sukhendu Deb Roy	Entrepreneurship/Startup Development	Unstructured Mentorship
14	Mr. Jigar Jivani	Entrepreneurship/Startup Development	Unstructured Mentorship
15	Mr. Girish Deogaonkar	Entrepreneurship/Startup Development	Unstructured Mentorship
16	Mr. S.H.Pande	Entrepreneurship/Startup Development	Unstructured Mentorship
17	Mr. Mohit Dubey	Entrepreneurship/Startup Development	Unstructured Mentorship
18	Mr. Kapil Shelake	Entrepreneurship/Startup Development	Unstructured Mentorship
19	Ms. Jyoti Chandwani	Entrepreneurship/Startup Development	Unstructured Mentorship
20	Mr. Akash Surekha	Entrepreneurship/Startup Development	Unstructured Mentorship
21	Mr. Rakhi Sharma	Entrepreneurship/Startup Development	Unstructured Mentorship
22	Ms. Niharika Gaur	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	Automation of distribution of fertilizers	Product Innovation	Technological		Faculty	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	TRL 5 : Large scale prototype tested in intended environment.	Innovation Development Ongoing	No	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>25000</td> </tr> </table>	Grant Amount in Rs	25000	No	No
Grant Amount in Rs	25000														
				Name		Type		Gender		Email		Contact			
				Mr. S Warpe		Faculty		Male		stwarpe@mitaoe.ac.in		93704776656			
2	Electrophysiological Human to human Interface	Process Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	<table border="1"> <tr> <td>Grant Amount in Rs</td> <td>20000</td> </tr> </table>	Grant Amount in Rs	20000	No	No
Grant Amount in Rs	20000														
				Name		Type		Gender		Email		Contact			
				Dr. A N Bhute		Faculty		Male		anbhute@mitaoe.ac.in		0			

3	Remote Operable System and Device for Emergency Medical Device	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email			Contact			
Dr. Sheetal Kumar Jain		Faculty			Male		deputydirector.cr@mitaoe.ac.in			9226196885			
4	System and Method for Detecting Audio Feedback and Performing Action Thereupon	Product Innovation	Technological		Faculty	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email			Contact			
Dr. Sheetal Kumar Jain		Faculty			Male		deputydirector.cr@mitaoe.ac.in			9226196885			
5	Design and Development of Cooling System for agricultural application	Product Innovation	Technological		Faculty	TRL 2 : Technology formulation. Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email			Contact			
Mr. R A Patil		Faculty			Male		rapatil@mech.mitaoe.ac.in			9881850823			

6	Purification TPC by TTP from natural resources by three phase partitioning by Ultrasound	Process Innovation	Technological		Faculty	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 20000	No	No
Name		Type			Gender		Email			Contact			
Dr. Sandeep Shewale		Faculty			Male		spshevale@mitaoe.ac.in			9823272765			
7	Device Development for monitoring the library utilization	Product Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email			Contact			
Dr. Prachi Rajarpolu		Faculty			Female		prrajrapollu@entc.maepune.ac.in			9881211256			
8	Self-Balancing robot as intelligent personal Assistant	Product Innovation	Technological		Faculty	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 3 : Applied research. First laboratory tests completed; proof of concept.	Innovation Development Ongoing	No	No	Grant Amount in Rs 10000	No	No
Name		Type			Gender		Email			Contact			
Dr. Smita Kulkarni		Faculty			Male		sskulkarni@entc.maepune.ac.in			0			

9	Design and Development of robust Control System for DC/DC Buck Conv for smooth starter for DC motor	Service Innovation	Technological		Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No	15000	No	No										
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Dr. Aniket Gundecha</td> <td>Faculty</td> <td>Male</td> <td>adgundecha@entc.maepune.ac.in</td> <td>0</td> </tr> </tbody> </table>															Name	Type	Gender	Email	Contact	Dr. Aniket Gundecha	Faculty	Male	adgundecha@entc.maepune.ac.in	0
Name	Type	Gender	Email	Contact																				
Dr. Aniket Gundecha	Faculty	Male	adgundecha@entc.maepune.ac.in	0																				
10	A web based platform for monitoring communication skills of students	Product Innovation	Non-Technological / Social / Community Innovation		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Ongoing	No	No	No		No	No										
<table border="1"> <thead> <tr> <th>Name</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Shoab Shaikh</td> <td>Student</td> <td>Male</td> <td>shoyabshaikh@mitaoe.ac.in</td> <td>7875772916</td> </tr> </tbody> </table>															Name	Type	Gender	Email	Contact	Shoab Shaikh	Student	Male	shoyabshaikh@mitaoe.ac.in	7875772916
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Name	Type	Gender	Email	Contact																				
Dhanesh Pawar	Student	Male	dbpawar@mitaoe.ac.in	9112912383																				
11	Integrating versatile industrial technologies to revolutionize the method of Vehicular Exhaust Treatment, for a sustainable development solution.	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	No		No	No										

		Name			Type				Gender			Email		Contact
		Mistry Ronak Yogesh			Student				Male			rymistry@mitaoe.ac.in		9689436405
12	Eye-care software to prevent eye sight problems while using digital gadgets.	Service Innovation	Non-Technological / Social / Community Innovation		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	No	No	
	Name		Type				Gender			Email		Contact		
	Prathmesh Salunkhe		Student				Male			pssalunkhe@mitaoe.ac.in		9766134445		
	Name		Type				Gender			Email		Contact		
Omkar bhandare		Student				Male			opbhandare@mitaoe.ac.in		7841908598			
Vaishnavi Pulate		Student				Male			vdpulate@mitaoe.ac.in		9834566661			
13	Innovating integrated Smart home solutions at affordable price	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation. Concept and application have been formulated.	Innovation Development Ongoing	No	No	No	No	No	
	Name		Type				Gender			Email		Contact		
	Dain Shaji		Student				Male			dsdaniel@mitaoe.ac.in		8237882259		
	Name		Type				Gender			Email		Contact		
Raghuvendra Chate		Student				Male			rmchate@mitaoe.ac.in		9175590100			

14	Difficulty in lifting water cans due to unavailability of support so, we are preparing a handle mechanism which will directly fit with the water can with high durability which will make the lifting of can easier and reduces stress on your body.	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	Agency Name	Wadhvani Foundation	No	No	No	No
									Agency Type	Not-Govt. Agencies				
									Award / Position / Recognition Secured	Recognition by Global Jury Evaluation				
Name		Type			Gender		Email			Contact				
Mayur Malekar		Student			Male		mbmalekar@mitaoe.ac.in			7276962820				
Name		Type			Gender		Email			Contact				
Sneha Machale		Student			Female		ssmachale@mitaoe.ac.in			9763902781				
15	Rising Phoenix- Robot manufacturing used to carry heavy luggage. Also, it can be used to protect the border areas using wireless RF module network.	Product Innovation	Technological		Student	TRL 0 : Idea. Unproven concept, no testing has been performed.	TRL 2 : Technology formulation . Concept and application have been formulated.	Innovation Development Ongoing	Agency Name	Wadhvani Foundation	No	No	No	No
									Agency Type	Not-Govt. Agencies				
									Award / Position / Recognition Secured	Recognition by Global Jury Evaluation				
Name		Type			Gender		Email			Contact				
SHREYANSH GUPTA		Student			Male		sgupta@mitaoe.ac.in			9149309904				

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

Sr no	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/Incubation Unit of HEI Supported Innovation Development	Venture Founded by	Venture Registered as	Year of Registration	What is the current status of Pre-Incubation/Incubation Support to Venture/Startup/ SME Unit as on 31st March 2020?	Had the Venture Received any Recognition at State, National, International Level Programs during the financial period 2019-20?	Had Centre/institute provided any Financial support (either own resource or fund received from agencies) in terms of Seed Grant/Fund Support to Venture establishment during the financial period 2019-20	Had the venture/startup raised any Seed fund/Angel Investment/VC during the period of receiving pre-incubation/incubation support at your Pre-incubation/incubation or HEI during the financial period 2019-20	Had the Pre-incubation/Incubation Centre/ HEI received any income/revenue from venture /startup for the pre-incubation/incubation support and the services offered by Pre-incubation/incubation or institute during the financial period 2019-20	Has the Start-up Grown to a stage of Employment Generation to 10 Numbers or an annual Turnover to Rs. 50 Lakhs during the financial year 2019-20																								
1	HAB industries pvt .Ltd	Product Innovation	Non-Technological	6745	Alumni	<table border="1"> <tr> <td>Venture with Corporate Identification Number (CIN) Registration</td> <td>U74999PN 2019PTC18 6258</td> </tr> </table>	Venture with Corporate Identification Number (CIN) Registration	U74999PN 2019PTC18 6258	2019-20	Received Incubation Support from Incubation Unit	<table border="1"> <tr> <td>Agency Name</td> <td>MITAOE Entrepreneurial Development Foundation</td> </tr> <tr> <td>Agency Type</td> <td>Educational Institute</td> </tr> <tr> <td>Award / Position / Recognition Secured</td> <td>Best Innovation and Startup Award</td> </tr> </table>	Agency Name	MITAOE Entrepreneurial Development Foundation	Agency Type	Educational Institute	Award / Position / Recognition Secured	Best Innovation and Startup Award	No	No	No	Yes																
Venture with Corporate Identification Number (CIN) Registration	U74999PN 2019PTC18 6258																																				
Agency Name	MITAOE Entrepreneurial Development Foundation																																				
Agency Type	Educational Institute																																				
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NISHANT SHIVAJI KAWADE	-	Faculty and Student	Male	nishantkawade1@gmail.com	8793021509																																
Basavraj Patil	-	Faculty and Student	Male	basavrajpati.97@gmail.com	9422796677																																
Aniket Bendale	-	Faculty and Student	Male	aniketbendale56@gmail.com	8308267534																																

5	TechSword Solutions LLP	Service Innovation	Non-Technological	6745	Alumni	Venture with Corporate Identification Number (CIN) Registration AAD-2785	2014-15	Received Incubation Support from Incubation Unit	No	No	No	No				
Name		DIN number		Type		Gender		Email		Contact						
Kunal Raut		07068371		Alumni Entrepreneur		Male		info@techswordsolutions.net		7773926949						
SNEHA POPAT RAUT		08427867		Innovator/Entrepreneur External to Institute		Female		-		-						
6	Mickey Creation and Consultancy Pvt Ltd	Service Innovation, Market-place Innovation	Non-Technological	6745	Student	Venture with Corporate Identification Number (CIN) Registration U72501PN 2018PTC17 6219	2018-19	Received Incubation Support from Incubation Unit	Agency Name DIPP	No	No	No	Yes			
Name		DIN number		Type		Gender		Email						Contact		
Hardik Arora		08117823		Student		Male		admin@mickeycreation.co						9414464148		
ABHISHEK SARRAF		08775208		Innovator/Entrepreneur External to Institute		Male		-		-						
ANJANA ARORA		08117824		Innovator/Entrepreneur External to Institute		Female		-		-						
Agency Type Govt. Agency (Central)		Award / Position / Recognition Secured		Recognition												

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	ELENO Group	Educational Institute	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation, Mentoring, Networking	2	04-09-2019
2	Auto cluster Development & Research Institute, Pune	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation, Incubation, Mentoring, Networking	1	26-08-2019
3	INNOVETIA Consulting Engineering, Pune	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation, Mentoring, Networking	3	26-07-2019
4	SMAK Industries, Pune	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation, Mentoring, Networking	4	05-02-2020
5	Yash Udyog, Pune	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation, Mentoring, Networking	5	05-02-2020

6	Red Hat linux ind. Pvt Ltd	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Mentoring,Networking	10	25-11-2019
7	Param Ayurveda Pune	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Mentoring,Networking	2	25-02-2020
8	Data fortune software sol. Pvt ltd, pune	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Mentoring,Networking	9	11-03-2020
9	AIC Pinnacle	Non-Govt. Agencies	Providing (or) Receiving Mentor and Handholding Support to Support I&E Activities	Pre-incubation,Incubation,Mentoring,Networking	3	12-12-2019
10	Intoit Solutions	Corporate / Industry Association	Collaboration with Startups/Industry Associations/Knowledge Agencies to Promote I&E Activities and/or Internship Opportunities	Pre-incubation,Incubation,Mentoring	6	26-08-2019
11	MS Law Partners	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Mentoring,Networking	7	29-01-2020
12	ANSYS, Inc. Software	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Mentoring	7	24-01-2020
13	Blue prints Pune	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Pre-incubation,Mentoring,Networking	8	01-07-2019

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

No Data Filled!

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

Srno	Title/Name of Patent	IP Registration Number	Date of Filed/Published (Year, Month)	Application Level	Copy of receipt / application screenshot [PDF or Image]
1	Puncture Assistance Device for Easy Movement of Two Wheeled Automobile	201921030007	National	2019 - 07	Uploaded
2	Water level and quality detection methods and system for buildings water tanks using	201921036651	National	2019 - 09	Uploaded
3	Battery Life Management System and Method	202021005342	National	2020 - 02	Uploaded
4	System and Method for Detecting Audio Feedback and Performing Action Thereupon	201921021618	National	2019 - 05	Uploaded
5	Remotely Operable System and Device for Emergency Medical Services	201921021159	National	2019 - 05	Uploaded

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

No Data Filled!

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

No Data Filled!

Declaration

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

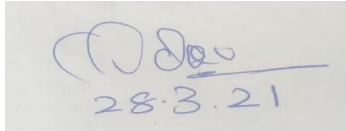
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Mahesh D. Goudar (Head of Institute) and Mr. Tukaram B. Sonawane (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

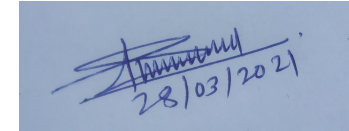
The Head of Institute



Handwritten signature of Dr. Mahesh D. Goudar and date 28.3.21

Dr. Mahesh D. Goudar
Head of the Institution,
Pune, Maharashtra

Nodal officer



Handwritten signature of Mr. Tukaram B. Sonawane and date 28/03/2021

Mr. Tukaram B. Sonawane
Nodal Officer,
Pune, Maharashtra