



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY [ARI-U-0284]

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

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)
Chemical Engg	Academic Department with lab facility	Chemical Engg	UG / PG / PhD	Technical	69	11	2
Civil Engg	Academic Department with lab facility	Civil Engg	UG / PG / PhD	Technical	204	33	11
Electrical Engineering	Academic Department with lab facility	Electrical Engineering	UG / PG / PhD	Technical	162	23	11
Mechanical Engineering	Academic Department with lab facility	Mechanical Engineering	UG / PG / PhD	Technical	291	41	19
Computer Science and Engineering	Academic Department with lab facility	Computer Science and Engineering	UG / PG / PhD	Technical	277	22	7
Electronics and Communication Engineering	Academic Department with lab facility	Electronics and Communication Engineering	UG / PG / PhD	Technical	191	23	11
Material Science and Metallurgical Engineering	Academic Department with lab facility	Material Science and Metallurgical Engineering	UG / PG / PhD	Technical	83	6	1
Architecture and Planning	Academic Department with lab facility	Architecture	UG / PG / PhD	Technical	156	27	6
Biological Science and Engineering	Academic Department with lab facility	Biological Science & Engineering	UG / PG / PhD	Technical	6	4	3
Energy	Academic Department with lab facility	Energy	UG / PG / PhD	Technical	23	7	5
Mathematics	Academic Department with lab facility	Mathematics	UG / PG / PhD	Technical	3	14	4
Physics	Academic Department with lab facility	Physics	UG / PG / PhD	Technical	12	5	5

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 : IC202013601

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

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

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	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	22-10-2019 00:00:00	24-10-2019 00:00:00	3	Within Campus	84	3	0	0	87	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No
2	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	05-11-2019 00:00:00	07-11-2019 00:00:00	3	Within Campus	85	3	0	0	88	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No
3	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	21-01-2020 00:00:00	23-01-2020 00:00:00	3	Within Campus	80	3	0	0	83	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No
4	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	11-02-2020 00:00:00	13-02-2020 00:00:00	3	Within Campus	76	3	0	0	79	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No
5	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	Awareness	Institute Lead Activity	Entrepreneurship Development Cell	18-02-2020 00:00:00	20-02-2020 00:00:00	3	Within Campus	76	3	0	0	79	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 20000	No

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

6	Entrepreneurship Development Programme	Entrepreneurship/Startup	Training	Institute Lead Activity	Entrepreneurship Development Cell	08-01-2020 00:00:00	08-02-2020 00:00:00	32	Within Campus	0	3	25	0	28	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200000	No
7	Entrepreneurship Development Programme	Entrepreneurship/Startup	Training	Institute Lead Activity	Entrepreneurship Development Cell	02-12-2019 00:00:00	31-12-2019 00:00:00	30	Outside Campus	0	1	25	0	26	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200000	No
8	Faculty Development Programme	Entrepreneurship/Startup	Training	Institute Lead Activity	Entrepreneurship Development Cell	18-11-2019 00:00:00	30-11-2019 00:00:00	13	Within Campus	0	5	0	19	24	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	250000	No
9	Technology based Entrepreneurship Development Programme	Entrepreneurship/Startup	Training	Institute Lead Activity	Entrepreneurship Development Cell	21-10-2019 00:00:00	07-12-2019 00:00:00	48	Outside Campus	0	1	26	0	27	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	300000	No
10	Women Entrepreneurship Development Programme	Entrepreneurship/Startup	Training	Institute Lead Activity	Entrepreneurship Development Cell	02-12-2019 00:00:00	31-12-2019 00:00:00	30	Within Campus	4	3	0	22	29	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	200000	No
11	Importance of Entrepreneurship	Entrepreneurship/Startup	Workshop	Student Lead Activity	Entrepreneurship Development Cell	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	65	6	0	0	71	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	60000	No
12	MEITY – E & ICT Academies Joint Summer Faculty Development Programs on Introduction to Programming: A Pedagogical Approach	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	E and ICT Academies (IIITDM Jabalpur)	17-06-2019 00:00:00	22-06-2019 00:00:00	6	Within Campus	5	15	0	0	20	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	150000	No

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

13	MEITY – E & ICT Academies Joint Summer Faculty Development Programs on Deep Learning and Applications	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	E and ICT Academies (IIITDM Jabalpur)	17-06-2019 00:00:00	22-06-2019 00:00:00	6	Within Campus	16	30	0	0	46	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	150000	No
14	Faculty Development Programme on Sensor Networks , Internet of Things and Internet of Everything	Innovation	Workshop	Institute Lead Activity	Department of Electronics and Communication	05-11-2019 00:00:00	14-11-2019 00:00:00	10	Within Campus	6	6	0	28	40	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
15	Faculty Development Programme on Artificial Intelligence, Machine Learning and Deep Learning	Innovation	Training	Institute Lead Activity	Department of Electronics and Communication	17-12-2019 00:00:00	26-12-2019 00:00:00	10	Within Campus	6	6	0	29	41	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
16	Faculty Development Programme on Robotics and AI	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Department of Electronics and Communication	24-06-2019 00:00:00	28-06-2019 00:00:00	5	Within Campus	6	6	0	30	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
17	Faculty Development Programme on Deep Learning and Applications	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Department of Electronics and Communication	09-12-2019 00:00:00	13-12-2019 00:00:00	5	Within Campus	10	6	0	40	56	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No

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

18	Faculty Development Program on Introduction to Programming: A Pedagogical Approach	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Department of Electronics and Communication	17-06-2019 00:00:00	22-06-2019 00:00:00	6	Within Campus	5	5	0	15	25	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
19	Faculty Development Program on Chip Design Hands on using open source EDA	Entrepreneurship/Startup, Innovation	Training	Student Lead Activity	Department of Electronics and Communication	16-12-2019 00:00:00	20-12-2019 00:00:00	5	Within Campus	6	6	0	45	57	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
20	Faculty Development Program on Chip Design Hands on using open source EDA	Entrepreneurship/Startup, Innovation	Training	Student Lead Activity	Department of Electronics and Communication	08-07-2019 00:00:00	12-07-2019 00:00:00	5	Within Campus	6	6	0	22	34	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
21	Faculty Development Program on Antenna Trends	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Department of Electronics and Communication	01-07-2019 00:00:00	05-07-2019 00:00:00	5	Within Campus	6	6	0	30	42	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
22	Faculty Development Program on Advance VLSI Design and Embedded System	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Department of Electronics and Communication	23-09-2019 00:00:00	27-09-2019 00:00:00	5	Within Campus	5	6	0	50	61	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
23	Faculty Development Program on Antenna Design, Testing and Electromagnetic Analysis	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Department of Electronics and Communication	02-12-2019 00:00:00	06-12-2019 00:00:00	5	Within Campus	6	6	0	50	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No

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

24	Faculty Development Program on Internet of Things (IoT) and its Applications	Entrepreneurship/Startup, Innovation	Training	Institute Lead Activity	Department of Electronics and Communication	09-12-2019 00:00:00	13-12-2019 00:00:00	5	Within Campus	6	6	0	40	52	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
25	Recent Trends in AI and ML	Entrepreneurship/Startup, Innovation	Training	Student Lead Activity	Department of Electronics and Communication	23-12-2019 00:00:00	27-12-2019 00:00:00	5	Within Campus	6	6	0	50	62	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
26	DrishTI online Contest by Texas Instruments University Program	Entrepreneurship/Startup, Innovation	Innovation Contest	Student Lead Activity	Department of Electronics and Communication	23-12-2019 00:00:00	27-12-2019 00:00:00	5	Within Campus	60	3	70	7	140	No		No
27	To Design "Sustainable Toilet" and "Sanitary Disposal Bin"	Entrepreneurship/Startup, Innovation	B-Plan Competitions	Student Lead Activity	Architecture and Planning	28-09-2019 00:00:00	02-10-2019 00:00:00	5	Within Campus	45	6	15	0	66	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
28	Advanced Techniques for Novel Material Synthesis and its Characterizations	Innovation	Workshop	Institute Lead Activity	Chemical Engg	04-11-2019 00:00:00	08-11-2019 00:00:00	5	Within Campus	10	8	0	21	39	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
29	Recent Trends on Artificial Intelligence and Machine Learning	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Computer Science and Engg	23-12-2019 00:00:00	27-12-2019 00:00:00	5	Within Campus	8	8	6	22	44	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
30	Robotics	Entrepreneurship/Startup, Innovation	Workshop	Student Lead Activity	Computer Science and Engg	10-12-2019 00:00:00	14-12-2019 00:00:00	5	Within Campus	12	10	5	17	44	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No

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

31	3D Printing and Design with Interdisciplinary Applications	Entrepreneurship/Startup	Training	Student Lead Activity	Mechanical Engineering	04-11-2019 00:00:00	08-11-2019 00:00:00	5	Within Campus	9	11	10	23	53	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
32	Concept and Trends of VR and AR in Game Programming	Entrepreneurship/Startup	Training	Student Lead Activity	Mathematics, Bioinformatics and Computer Applications	21-11-2019 00:00:00	25-11-2019 00:00:00	5	Within Campus	15	9	12	24	60	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	162000	No
33	Energy Conservation	Entrepreneurship/Startup	Awareness	Student Lead Activity	Energy Centre	02-03-2020 00:00:00	02-03-2020 00:00:00	1	Within Campus	74	13	0	0	87	No		No

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

No Data Filled!

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	Entrepreneurship and new venture creation	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Mechanical Engg	01-01-2020	25-04-2020	116	Online	190	40

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

No Data Filled!

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	Dr Vinita Mohindra	Humanities	Professor	No	No
2	Dr Fozia Z. Haque	Physics	Associate Professor	No	No
3	Dr V K Soni	Mechanical Engg	Associate Professor	No	No
4	Dr Manoj Arya	Mechanical Engg	Associate Professor	No	No
5	Dr Akhilesh Barve	Mechanical Engg	Associate Professor	No	No

6	Dr Anoop Arya	Electrical Engg	Associate Professor	No	No
7	Dr Manish Vishwakarma	Mechanical Engg	Associate Professor	No	No
8	Lalita Gupta	Electronics and Communication	Associate Professor	No	No

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

Srno	Name of Student Club	Type of Club	Year of Establishment	Type of Facilities Available at the Club	Student Club with Access to Other I&E Facilities at the HEI	No of Programs/Activities Organized by the Student Club During the AY 2019-20	Student Club Team Lead Name	Student Club Team Lead Email	Student Club Team Lead Phone
1	Entrepreneurship Development Cell	Startup Club	2015	Co-working Space, Work Stations	Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	4	Sameer Soni	sonisameer84@gmail.com	9131814577

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	Start Up Cell, MANIT ROLTA Incubation Center	Startup Cell	2018	Co-working Space, 3D Printing & Prototype Equipment, Work Stations	IPR Cell/Technology Transfer Centre, Student Clubs	IPR Cell/Technology Transfer Centre, Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Anoop Arya</td> </tr> <tr> <td>Facility Incharge Email</td> <td>anooparya.nitb@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9425376211</td> </tr> </table>	Facility Incharge Name	Dr Anoop Arya	Facility Incharge Email	anooparya.nitb@gmail.com	Facility Incharge Phone	9425376211	02	No	No	No
Facility Incharge Name	Dr Anoop Arya																
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Facility Incharge Phone	9425376211																

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	MANIT ROLTA Incubation Center	IEDC	2014	Co-working Space,3D Printing & Prototype Equipment, Work Stations	Incubation Unit,IPR Cell/Technology Transfer Centre,Student Clubs	Incubation Unit,IPR Cell/Technology Transfer Centre,Student Clubs	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr RK Mandlo</td> </tr> <tr> <td>Facility Incharge Email</td> <td>profkmandlo13@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9826296524</td> </tr> </table>	Facility Incharge Name	Dr RK Mandlo	Facility Incharge Email	profkmandlo13@gmail.com	Facility Incharge Phone	9826296524	10	Yes	<table border="1"> <tr> <td colspan="2">Yes</td> </tr> <tr> <td>Total Annual Income from Training and Skill Development Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)</td> <td>0</td> </tr> <tr> <td>Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)</td> <td>60000</td> </tr> </table>	Yes		Total Annual Income from Training and Skill Development Services (In Rupees)	0	Total Annual Income from (Technical and Business) Mentoring Services (In Rupees)	0	Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	60000	Yes
Facility Incharge Name	Dr RK Mandlo																								
Facility Incharge Email	profkmandlo13@gmail.com																								
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Total Annual Income from Training and Skill Development Services (In Rupees)	0																								
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Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees)	60000																								
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		TEQIP		Educational Institute		60000																			
3	IPR Cell	IEDC	2017	Work Stations	IPR Cell/Technology Transfer Centre	IPR Cell/Technology Transfer Centre	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Vinita Mohindra</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vinitamohindra@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9425008518</td> </tr> </table>	Facility Incharge Name	Dr Vinita Mohindra	Facility Incharge Email	vinitamohindra@gmail.com	Facility Incharge Phone	9425008518	04	No	No	No								
Facility Incharge Name	Dr Vinita Mohindra																								
Facility Incharge Email	vinitamohindra@gmail.com																								
Facility Incharge Phone	9425008518																								

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

No Data Filled!

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

Srno	Name of Incubation Facility	Year of Establishment	Incubation with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with Incubation Unit, if any (Optional)	Facility Details		Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the Incubation Facility Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by Incubation Centre/Facilities?		Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Incubation Centre/Facilities?
					Facility Incharge Name	Facility Incharge Email			Facility Incharge Phone	Yes	
1	MANIT ROLTA Incubation Centre	2014	Pre-Incubation, IPR Cell/Technology Transfer Centre, Student Clubs	TEQIP	Dr RK Mandloi	rkmandloi@gmail.com	9826296524	10	No	Yes	Yes
Source of Grant / Fund			Agency Name			Agency Type			Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)		

List the Innovation Park/Research Park Facilities at the HEI (>= 5000 Sq. Ft. Floor Area)

No Data Filled!

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?
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List the IPR Cell/Technology Transfer Centre Facilities at the HEI

1	IPR Cell	2015	Pre-Incubation, Incubation Unit, Student Clubs	TEQIP	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Dr Vinita Mohindra</td> </tr> <tr> <td>Facility Incharge Email</td> <td>vinitamohindra@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9425008518</td> </tr> </table>	Facility Incharge Name	Dr Vinita Mohindra	Facility Incharge Email	vinitamohindra@gmail.com	Facility Incharge Phone	9425008518	02	No	No	No
Facility Incharge Name	Dr Vinita Mohindra														
Facility Incharge Email	vinitamohindra@gmail.com														
Facility Incharge Phone	9425008518														

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	Fozia Z. Haque	Associate Professor	Entrepreneurship/Startup Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Disater Relief Drone		Within	
2	Dr Vinita Mohindra	Professor	IPR Protection & Commercialization	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Disaster Relief Drone		Within	
3	Dr Anoop Arya	Associate Professor	Idea/Innovation Development	7
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	Designing, development and demonstration of Motor cycle driver climate control device (MDCCD)		Within	
4	Dr V K Soni	Associate Professor	Idea/Innovation Development	10
	Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI	CIN (in case it is Startup)
	HDPI system		Within	

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

No Data Filled!

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	Designing Development and demonstration of Motorcycle driver climate control devices (MDCCD)	Product Innovation	Technological	MANIT TOLTA Incubation Center	Alumni	TRL 6 : Prototype system tested in intended environment close to expected performance.	TRL 6 : Prototype system tested in intended environment close to expected performance.	Innovation Development Ongoing	No	Yes	Grant Amount in Rs	160000	Yes	Amount Received in Rs.	160000						
											Name			Type		Gender		Email		Contact	
											Vijay Mamtani			Alumni Entrepreneur		Male		vijay@prayogik.in		9425673963	
													2								
Name		Type		Gender		Email		Contact													
Disaster Relief Drone	Product Innovation	Technological		Alumni	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	Yes	No									
													Name	Email							
Name		Type		Gender		Email		Contact													
Yashraj Sunhare		Alumni Entrepreneur		Male		sunhare.yash@gmail.com		9340449672													
3	HPDI system	Product Innovation	Technological		Student-Faculty	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	TRL 1 : Basic research. Principles postulated and observed but no experimental proof available.	Innovation Development Ongoing	No	No	No	Yes	No								

Name	Type	Gender	Email	Contact
Gopal Kumar Deshmukh	Faculty and Student	Male	gopaldeshmukh@gmail.com	9752910191

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

Srno	Name of the Venture/Startup/SME Unit Established with the Support of HEI	Type of Innovation of Venture/Startup/SME Unit	Nature of Innovation	Name of the Pre-Incubation/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/V C 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	Prayogik Technologies Pvt Ltd	Product Innovation	Technological	4950	Alumni	Venture with Corporate Identification Number (CIN) Registration U31100 MP2019 PTC048 210	2018-19	Received Incubation Support from Incubation Unit	No	No	No	No	No												
<table border="1"> <thead> <tr> <th>Name</th> <th>DIN number</th> <th>Type</th> <th>Gender</th> <th>Email</th> <th>Contact</th> </tr> </thead> <tbody> <tr> <td>Vijay Mamtani</td> <td>07518886</td> <td>Alumni Entrepreneur</td> <td>Male</td> <td>vijay@prayogik.in</td> <td>7045573807</td> </tr> </tbody> </table>														Name	DIN number	Type	Gender	Email	Contact	Vijay Mamtani	07518886	Alumni Entrepreneur	Male	vijay@prayogik.in	7045573807
Name	DIN number	Type	Gender	Email	Contact																				
Vijay Mamtani	07518886	Alumni Entrepreneur	Male	vijay@prayogik.in	7045573807																				

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	MP Council of Science and Technology	Govt. Agency (State)	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Seed fund	03	18-04-2019

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

No Data Filled!

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]
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1	Image/Video Defogging method	201921046007	National	2019 - 11	Uploaded
	2	Internet of Things based self adaptive and monitoring system for agriculture using mobile computing device	201944025741	National	2019 - 06

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

No Data Filled!

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

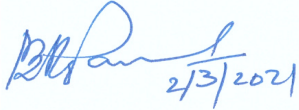
Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. N.S.Raghuwanshi (Head of Institute) and Dr. Manoj Arya (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

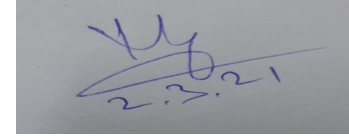
Thank you

The Head of Institute



Dr. N.S.Raghuwanshi
Head of the Institution,
BHOPAL, Madhya Pradesh

Nodal officer



Dr. Manoj Arya
Nodal Officer,
BHOPAL, Madhya Pradesh