



ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS



MoE
Ministry of Education
Government of India

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

Institute Name: Oriental Institute of Science & Technology, Thakral Nagar, Opp Patel Nagar, Raisen Road, Bhopal-462021 [ARI-C-36117]

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	Centre for Incubation and Technology Enhancement	Incubation Unit	Technology Enhancement in Computer Science/Information Technology and Electronics & Communication	UG / PG / PhD	Technical	1080	103	68
2	Institutional Innovation Council	Incubation Unit	All branches of engineering	UG / PG / PhD	Technical	2500	258	68
3	Industry Institute Partnership Cell	Industry Institute Interface Unit	All branches of Engineering	UG / PG / PhD	Technical	2500	258	68
4	IPR Cell	IPR Cell / Patent Facilitation Unit / Technology Transfer Centre	All branches of engineering	UG / PG / PhD	Technical	2500	258	68

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 : IC201912201
Trained Innovation Ambassadors at HEI	YES	Not Required
Participation in Smart India Hackathon (SIH)	Yes	Not Required
Facilitated listing start-ups/ technologies in Young India combating COVID with Knowledge, Technology and Innovation (YUKTI 2.0) portal of MIC	Yes	Not Required
Participation in National Education Alliance of Technology (NEAT)	Yes	Not Required

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

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

1	INFOCUS	Entrepreneurship/Startup	Mentoring Session	Institute Lead Activity	Centre for Incubation and Technology Enhancement	11-03-2020 00:00:00	14-03-2020 00:00:00	4	Within Campus	258	20	73	8	359	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	10000	No
2	My Story - Innovator's Life & Crossroad- Motivational Speak - To be Share by Innovators	Entrepreneurship/Startup	Motivational speak	Student Lead Activity	IIC	01-11-2019 00:00:00	01-11-2019 00:00:00	1	Within Campus	60	7	5	3	75	No		No
3	Organise One Day Workshop on "Entrepreneurship and Innovation as Career Opportunity"	Entrepreneurship/Startup	Workshop	Institute Lead Activity	IIC	13-09-2019 00:00:00	13-09-2019 00:00:00	1	Within Campus	87	5	0	0	92	No		No
4	One Day Workshop on Problem Solving	Innovation	Workshop	Student Lead Activity	IIC	17-10-2019 00:00:00	17-10-2019 00:00:00	1	Within Campus	211	17	6	1	235	No		No
5	Field Exposure Visit to B-Nest	Entrepreneurship/Startup	Exposure visit	Institute Lead Activity	IIC	26-09-2019 00:00:00	26-09-2019 00:00:00	1	Outside Campus	115	9	0	0	124	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2000	No
6	Entrepreneur's Life – Motivational Speak - To be Share by Entrepreneurs	Entrepreneurship/Startup	Motivational speak	Institute Lead Activity	IIC	11-10-2019 00:00:00	11-10-2019 00:00:00	1	Within Campus	600	50	0	0	650	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)	2500	No

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration (in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured	Had institute spent expenses either from own resource/ received fund towards sending delegation to participate / represent the activity /event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research
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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 the Organization	Event/Program Name	Workshop/Workshop	Institution/Institution	International/International	Start Date/Start Date	End Date/End Date	No. of Students/No. of Students	No. of Faculties/No. of Faculties	No. of Staff/No. of Staff	No. of Participants/No. of Participants	Yes/No	Award/Award	Recognition/Recognition	Total Total Expense Amount Incurred by Institute? (In Rupees)	Yes/No
1	NEXTGEN	Innovation	Workshop	Institution Industry Partnership Cell	International Agencies	28-03-2020 00:00:00	30-03-2020 00:00:00	3	249	10	259	No	---	---	8000	No

Section 2 > i : List the Academic Programs on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period (2019-20)

Srno	Title of Course/Subject Offered	Program Theme	Type of Course	Course Offering Department/Centre/Unit Name	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Intellectual Property Rights	IPR	Elective/Core Credit Course	Bachelor	Rajiv Gandhi Proudlyogiki Vishwavidyalaya Bhopal	02-07-2019	07-12-2019	159	Offline	360	90
2	Entrepreneurship and Management	Entrepreneurship/Startup	Elective/Core Credit Course	Bachelor	Rajiv Gandhi Proudlyogiki Vishwavidyalaya Bhopal	02-01-2019	27-06-2019	177	Offline	120	90

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	Entrepreneurship Awareness Camp	Entrepreneurship/Startup	EDP in I&E / IPR	NSTEDB	08-03-2019	11-03-2019	4	Offline	80	30
2	Faculty Development Program on Entrepreneurship	Entrepreneurship/Startup	FDP in I&E / IPR	CITE	01-08-2019	14-08-2019	14	Offline	45	42

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
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1	CITE	Startup Club	2017	Work Stations	Incubation Unit	3	Mohd Ahmed	mohdahmed@oriental.ac.in	7974524747
2	Institutional Innovation Council	Innovation Club	2018	None	Pre-Incubation Unit, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	10	Hasnine Mirza Mazaharul	hasninemirza@oriental.ac.in	9200226488

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	EDC Cell Oriental Institute of Science and Technology	Startup Cell	2007	Work Stations	Centre of Excellence with Advance Tools	Centre of Excellence with Advance Tools	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Hasnine Mirza Mazaharul</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hasninemirza@oriental.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9200226488</td> </tr> </table>	Facility Incharge Name	Hasnine Mirza Mazaharul	Facility Incharge Email	hasninemirza@oriental.ac.in	Facility Incharge Phone	9200226488	02	Yes	No	Yes
Facility Incharge Name	Hasnine Mirza Mazaharul																
Facility Incharge Email	hasninemirza@oriental.ac.in																
Facility Incharge Phone	9200226488																
			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		EDC Oriental Institute of Science and Technology			International Agencies		0							

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

No Data Filled!

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	B NEST	2018	Innovation Labs, Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre	Bhopal Smart City Development Corporation Limited	<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Yogesh Khakre</td> </tr> <tr> <td>Facility Incharge Email</td> <td>indiayk@gmail.com</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>8359056878</td> </tr> </table>	Facility Incharge Name	Yogesh Khakre	Facility Incharge Email	indiayk@gmail.com	Facility Incharge Phone	8359056878	15	Yes	No	Yes
Facility Incharge Name	Yogesh Khakre														
Facility Incharge Email	indiayk@gmail.com														
Facility Incharge Phone	8359056878														
Source of Grant / Fund		Agency Name			Agency Type		Total Grants / Funds Received by Incubation Facility exists in Campus (In Rupees)								
2	AIC-AARTECH	2017	Centre of Excellence with Advance Tools, IPR Cell/Technology Transfer Centre		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Amey Waingankar</td> </tr> <tr> <td>Facility Incharge Email</td> <td>hello@aic-aartech.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9111105831</td> </tr> </table>	Facility Incharge Name	Amey Waingankar	Facility Incharge Email	hello@aic-aartech.in	Facility Incharge Phone	9111105831	4	Yes	No	No
Facility Incharge Name	Amey Waingankar														
Facility Incharge Email	hello@aic-aartech.in														
Facility Incharge Phone	9111105831														

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

No Data Filled!									
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Section 3 > ii > e : List the IPR Cell/Technology Transfer Centre Facilities at the HEI

Srno	Name of IPR Cell/Technology Transfer Centre Facility	Year of Establishment	IPR Cell/Technology Transfer Centre with Access to Other I&E Facilities at the HEI	Name of the Funding Schemes Available with IPR Cell/Technology Transfer Centre, if any (Optional)	Facility Details	Total Nos of Dedicated Executive/Management team Strength Engaged at the Facility	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation Development and implementation during the Financial Year 2019-20?	Had institute Generated Income either from Services Offered by IPR Cell/Technology Transfer Centre?	Had the IPR Cell/Technology Transfer Centre Provided any Funding Support for Idea/Prototype/Innovation/Startup/Venture Development and implementation during the Financial Year 2019-20?						
1	Institutional Property Rights Cell	2017	Innovation Labs		<table border="1"> <tr> <td>Facility Incharge Name</td> <td>Pankaj Pandey</td> </tr> <tr> <td>Facility Incharge Email</td> <td>pankajpandey@oriental.ac.in</td> </tr> <tr> <td>Facility Incharge Phone</td> <td>9039869664</td> </tr> </table>	Facility Incharge Name	Pankaj Pandey	Facility Incharge Email	pankajpandey@oriental.ac.in	Facility Incharge Phone	9039869664	04	No	No	No
Facility Incharge Name	Pankaj Pandey														
Facility Incharge Email	pankajpandey@oriental.ac.in														
Facility Incharge Phone	9039869664														

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	Mohd Ahmed	Assistant Professor	Entrepreneurship/Startup Development	3
Name of Idea/Innovation/ Startup Mentored		Mentoring Setup [Within (or) Outside] HEI		CIN (in case it is Startup)
Atone Cab		Within		

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

No Data Filled!

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	ELECTROMAGNETIC FLOW METER	Process Innovation	Technological		Student	TRL 2 : Technology formulation - Concept and application have been formulated.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	No	No	No	No	No
				Name		Type		Gender		Email		Contact	
				Abhishek Mishra		Faculty		Male		abhishekmishra277@gmail.com		9753884584	
				Name		Type		Gender		Email		Contact	
				Kamraan Khan		Innovator/Entrepreneur External to Institute		Male		technisters@gmail.com		9584351579	

2	Easyport	Service Innovation	Technological		Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 9 : Full commercial application, technology available for consumers.	Innovation Adopted and Implemented at Ground	Agency Name	3M	No	No	No	No
									Agency Type	Corporate / Industry Association				
									Award / Position / Recognition Secured	3rd Prize				

Name	Type	Gender	Email	Contact
Atharva Kulkarni	Student	Male	hello@easyport.in	07552529258

Name	Type	Gender	Email	Contact
-	-	Male	-	-

3	Spot Wash	Service Innovation	Technological		Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 8 : First of a kind commercial system. Manufacturing issues solved.	Innovation Adopted and Implemented at Ground	Agency Name	Madhya Pradesh Startup and Innovation	No	No	No	No
									Agency Type	Govt. Agency (State)				
									Award / Position / Recognition Secured	3rd prize				

Name	Type	Gender	Email	Contact
Afroz Khan	Student	Male	afrozkh@gmail.com	8120266490

Name	Type	Gender	Email	Contact
Sameer Khan	Student	Male	sameerkhanofficial@gmail.com	8120266490

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 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	Technisters	Product Innovation	Technological	7282	External to the Institute/ incubatee	Venture with Corporate Identification Number (CIN) Registration 23BHXP3907M1Z2	2017-18	Graduated from the 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>Kamraan Khan</td> <td>23BHXP3907M1Z2</td> <td>Innovator/Entrepreneur External to Institute</td> <td>Male</td> <td>technisters@gmail.com</td> <td>9584351579</td> </tr> <tr> <td>Abhishek Mishra</td> <td>-</td> <td>Faculty</td> <td>Male</td> <td>abhishekmishra277@gmail.com</td> <td>9753884584</td> </tr> </tbody> </table>														Name	DIN number	Type	Gender	Email	Contact	Kamraan Khan	23BHXP3907M1Z2	Innovator/Entrepreneur External to Institute	Male	technisters@gmail.com	9584351579	Abhishek Mishra	-	Faculty	Male	abhishekmishra277@gmail.com	9753884584
Name	DIN number	Type	Gender	Email	Contact																										
Kamraan Khan	23BHXP3907M1Z2	Innovator/Entrepreneur External to Institute	Male	technisters@gmail.com	9584351579																										
Abhishek Mishra	-	Faculty	Male	abhishekmishra277@gmail.com	9753884584																										

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	B-NEST	Corporate / Industry Association	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation	3	05-02-2019
2	AIC-AARTECH	Non-Govt. Agencies	Providing (or) Receiving Incubation/Pre-Incubation Support Services to Innovators/Startups	Incubation,Mentoring,Networking,Investment,Seed fund	2	15-03-2019

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

No Data Filled!

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. K. G. Sudhakar (Head of Institute) and Mr. Md Ahmed (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. K. G. Sudhakar
Head of the Institution,
Bhopal, Madhya Pradesh

Nodal officer



Mr. Md Ahmed
Nodal Officer,
Bhopal, Madhya Pradesh