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: Indore Institute of Science & Technology, Village Dehri, Opp IIM, Pithampur Road, Indore 453 331 [ARI-C-36075]

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

Srno	Department / Center / Unit Name	Type of Department / Center / Unit	Mention the Stream / Discipline / Sector of focus	Department / Center / Unit Level	Program Type	Student / Benificiary Strength (2019-20)	Academic Staff Strength (2019-20)	Non-academic Staff Strength (2019-20)
1	Centre for Application of Research in engineering CARE	Incubation Unit	Computer Science, Electronics, Mechanical, Information Technology, Chemical , Civil	UG / PG / PhD	Technical	1268	129	31
2	Department of Computer Science and Engineering	Academic Department with lab facility	Computer Science Engineering	UG / PG / PhD	Technical	693	43	9
3	Department of Chemcial Engineering	Academic Department with lab facility	Chemical Engineering	UG / PG / PhD	Technical	97	12	4
4	Department of Electronics and Communication	Academic Department with lab facility	Electronics and Communication	UG / PG / PhD	Technical	73	14	4
5	Department of Information Technology	Academic Department with lab facility	IT	UG / PG / PhD	Technical	104	12	2
6	Department of Mechanical Engineering	Academic Department with lab facility	Mechanical	UG / PG / PhD	Technical	206	36	8
7	Department of Civil Engineering	Academic Department with lab facility	Civil	UG / PG / PhD	Technical	97	12	4
8	EDC	Pre-incubation unit	Computer Science, Electronics, Mechanical, Information Technology, Chemical , Civil	UG / PG / PhD	Both	1268	129	31

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 : IC201912196
Trained Innovation Ambassadors at HEI	YES	Not Required

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

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

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

Srno	Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Did any of the participants received any awards/recognition for startup / innovation ideas / research?
1	Sustainable development	Entrepreneurship/ Startup	Skill development	Institute Lead Activity	Department of Civil Engineering	01-10-2019 00:00:00	15-10-2019 00:00:00	15	Within Campus	6	2	0	0	8	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 5000	No
2	Workshop on Advanced IOT Application	Entrepreneurship/ Startup	Workshop	Institute Lead Activity	Department of Electronics and Communication Engineering	29-06-2019 00:00:00	05-07-2019 00:00:00	7	Within Campus	16	2	0	0	18	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees) 700	No
3	AI and ML for Product Development	Entrepreneurship/ Startup, Innovation	Skill development	Institute Lead Activity	Computer Science	10-02-2020 00:00:00	15-02-2020 00:00:00	6	Within Campus	150	4	0	0	154	No	No

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

Srno	Name of Program (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	Safety Health and Environment Issues and Challenges in Realistic world	Innovation	Workshop	Medicaps University Indore	Educational Institute	05-11-2019 00:00:00	06-11-2019 00:00:00	2	0	5	5	No	---	---	No	No

2	Bio Medical Waste E-Waste and Hazardous Waste Management	IPR	Workshop	Madhya Pradesh Pollution Control Board	Govt. Agency (State)	01-02-2020 00:00:00	01-02-2020 00:00:00	1	0	1	1	No	---	---	No		No
3	i5 Summit	Entrepreneurship/Startup	Start-up Conclave	Indian institute of Management Indore	Educational Institute	08-08-2019 00:00:00	10-08-2019 00:00:00	3	75	2	77	No	---	---	No		No
4	SIH 2019	Innovation	Hackathon	AICTE, New Delhi	Educational Institute	01-04-2019 00:00:00	31-10-2019 00:00:00	21	8	2	10	No	---	---	TotalTotal Expense Amount Incurred by Institute? (In Rupees)	16000	No

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

No Data FIled!

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

Srno	Title of the Training Program	Program Theme	Type of Course	Course Offering Department/Centre/ Unit Name	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Numbers of Participants	Total Numbers of Contact Hours of Course (Minimum 30 Contact hours)
1	Short term Training Program on Process Modeling and Simulation of Micro and Macro Steady State and Dynamic Models	Entrepreneurship/Startup	Employment Generation Training Programs	Department of Chemical Engineering	17-02-2020	22-02-2020	6	Offline	110	30

Section 2 > iii : List the Full Time Faculties had with a Degree (UG/PG/PhD) in Innovation/IPR/Entrepreneurship and (or) Received Specialized Training program of I&E, IPR (MDP, EDP, FDP, Short-term Certificate Course, of minimum 30 hours Duration) conducted by various State, Central Govt. agencies, and Knowledge Agencies in the Academic Period (2019-20)

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20
1	Ankit Jain	Electronics and Cpommunciation	Assistant Professor	No	Yes

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
IIC Online Session Conducted by IIC to Promote Innovation, IPR, Entrepreneurship and startups	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	IIC	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

Srno	Faculty Name	Department/Centre/Unit Name	Designation	Do you have a degree in I&E & IPR?	Had the faculty received training on I&E & IPR during AY 2019-20
2	Dr. Parimeeta Chanchani	Department of Chemistry	Associate Professor	No	Yes

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
IIC Online Session Conducted by IIC to Promote I and E, IPR and Startups	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	IIC	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

3	Dr. Samidha Saxena		Deaprtment of Chemistry		Assistant Professor		No		Yes	

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
IIC Online Session Conducted by IIC to promote I and E, IPR and Startups	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	IIC	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

4	Dr. Namrata Kaushal		Department of Mathematics		Associate Professor		No		Yes	

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
IIC Online Session conducted by IIC to promote I and E, IPR and Startups	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	IIC	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

5	Dr. Jyoti Gupta		Deaprtment of Mathematics		Assistant Professor		No		Yes	

Training Name	Training Theme	Type of Course	Training Agency Name	Training Agency Type	Training Start Date	Training End Date	Training Duration (in Days)	Mode of Delivery
IIC Online Session Conducted by IIC to Promote I and E, IPR and Startups	IPR, Entrepreneurship/Startup, Innovation	Short term Certificate	IIC	Govt. Agency (Central)	28-04-2020 00:00:00	22-05-2020 00:00:00	25	Online

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

No Data FIled!

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

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

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

1	ENTREPRENEURSHIP DEVELOPMENT CELL	EDC	2019	Co-working Space	Incubation Unit	Incubation Unit	Facility Incharge Name: Prof Puneet Duggal Facility Incharge Email: puneet.duggal@indoreinstitute.com Facility Incharge Phone: 9893186681	3	Yes	No	No

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 Flled!

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?
1	CARE (Center for Application and Research in Engineering)	2018	Pre-Incubation		Facility Incharge Name: Dr. Dheerendra Vikram Singh Facility Incharge Email: dheerendrav.singh@indoreinstitute.com Facility Incharge Phone: 9827215156	3	Yes	No	No

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

No Data Flled!

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

No Data Flled!

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

No Data Flled!

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

No Data FIled!

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	Brahman	Product Innovation	Technological		Student	TRL 2 : Technology formulation . Concept and application have been formulated.	TRL 4 : Small scale prototype built in a laboratory environment ("ugly" prototype).	Innovation Development Completed	Agency Name	MHRD, MHRDs Innovation cell, AICTE	No	Grant Amount in Rs	24000	No	No
									Agency Type	Educational Institute					
									Award / Position / Recognition Secured	1st Rank in Smart India Hackathon					

Name	Type	Gender	Email	Contact
Sanskar Shrivastava	Student	Male	sanskar.shrivastavacs2018@indoreinstitute.com	8503937916

| 2 | Arcyon. Your Health Adviser | Product Innovation | Technological | | Student | 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 | | 24000 | No | No |

	Agency Name	MHRD, MHRDs Innovation cell, AICTE
	Agency Type	Govt. Agency (Central)
	Award / Position / Recognition Secured	1st Rank in Smart India Hackathon
	Grant Amount in Rs	24000

Name	Type	Gender	Email	Contact
Aaveg Gupta	Student	Male	aaveggupta.work@gmail.com	9318459553

| 3 | Saloon Aggregator | Service Innovation | Technological | | Student | TRL 2 : Technology formulation. Concept and application have been formulated. | TRL 2 : Technology formulation. Concept and application have been formulated. | Innovation Development Ongoing | No | No | No | | No | No |

Name	Type	Gender	Email	Contact
Deepak Sharma	Student	Male	deepaksharma17898@gmail.com	7987409855

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

No Data FIled!

Section 7 > i : List all the Collaborations with External Agencies and Co-Creation of I&E Activities by the HEI

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!

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

No Data FIled!

Declaration

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

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Keshav Patidar (Head of Institute) and Mr. Ankit Jain (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.

Thank you

The Head of Institute

Nodal officer

Dr. Keshav Patidar
Head of the Institution,
Indore, Madhya Pradesh

Mr. Ankit Jain
Nodal Officer,
Indore, Madhya Pradesh

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