

## Institute Innovation Council (IIC)


IIC established in year 2019-20 in association with **MoE Government of India** (Year 2019-20 onwards). The primary aim of MoE's Innovation Cell (MIC) is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.



**IIST IIC established certificate from MIC, Govt. of India**

## IIST IIC 2019-20

### IIST IIC Quarterly Activities Calendar for 2019-20



# INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE


## Quarterly Activities Calendar for IIC – 2019-20 at IIST

Academic Calendar	Time Line	Activities Type	Activities	Category	
Target Mass-Faculties & Students of Semesters III, V and VII.	Semester I	Quarter I (First three Months – September to November 2019)	IIC Calendar Activity	Formulate Council, Upload of 1st Quarter Action Plan with Minutes of Meeting of Council.	Mandatory
			IIC Calendar Activity	My Story - Entrepreneur's Life & Crossroad – Motivational Speak - To be Share by Entrepreneurs.	Mandatory
			IIC Calendar Activity	Organize One Day Workshop on Problem Solving/Design Thinking/Ideation Workshop/ Campus Hackathons etc.	Mandatory
			IIC Calendar Activity	My Story - Innovator's Life & Crossroad Motivational Speak - To be Share by Innovators.	Mandatory
			IIC Calendar Activity	Field/Exposure Visit to Village/Society /School/ Industry /Market –Identity real Life Problem.	Optional
			Self Driven Activity	Motivational Speak - To be Share by Entrepreneurs.	Mandatory
			Self Driven Activity	Technical Workshop on Emerging areas to promote innovation.	Mandatory
			Self Driven Activity	Life Lesson – Motivational Speak - To be Share by Famous Speaker.	Optional
			Self Driven Activity	Motivational Speak - To be Share by Entrepreneurs.	Mandatory

\*All IIC Driven Activity is Mandatory to participate.

\* We have to conduct minimum three activities from IIC Calendar and we try to conduct one self driven activity every month.

Mr. Ankit Jain  
President, IIC





Dr. V.R. Raghuvver  
Chairman, IIC  
Indore Institute of Science & Technology  
RAU, INDORE (M.P.)

### IIST IIC Resolution for 2019-20

Indore Institute of Science & Technology				
The first council meeting of Institution's Innovation Council (IIC), Indore Institute of Science and Technology, Indore was called by IIC Chairman / President Dr. V.R. Raghuvver / Mr. Ankit Jain to discuss upon the formulation and function of IIC & shared roles and responsibility among newly joined council members as per the guidelines of MHRD's Innovation cell.				
Sr. No.	Name of Member	Member Type (Teaching / Non Teaching / External Expert)	Key Role / Position assigned to IIC	Signature
1.	Dr. V.R. Raghuvver Principal, IIST	Teaching	Chairman	
2.	Mr. Ankit Jain HOD, Electronics & Communication Engineering	Teaching	President	
3.	Mrs. Sonali Tidke HOD, Computer Science & Engineering	Teaching	Convener	
4.	Dr. Vivek Mishra HOD, Mechanical Engineering	Teaching	IPR Activity Coordinator	
5.	Mrs. Samatha Singh HOD, Chemical Engineering	Teaching	Internship Activity Coordinator	
6.	Mr. Niraj Soni HOD, Civil Engineering	Teaching	Start up Activity Coordinator	
7.	Mr. Ankit Jain HOD, Electronics & Communication Engineering	Teaching	Innovation Activity Coordinator	
8.	Mrs. Murgi Patel Assistant Professor, Computer Science & Engineering	Teaching	Social Media Coordinator	
9.	Dr. Parimseta Chanchani Professor, Department of Chemistry	Teaching	Member	
10.	Dr. Irfan Mansoori Associate Professor, Department of Physics	Teaching	Member	
11.	Mr. Prashant Richhariya Assistant Professor, Computer Science & Engineering	Teaching	Member	
12.	Mr. Nitesh Pareek ZF Steering Gear (India) Limited, Indore	External Expert	Expert from nearby Industry	

Opp. IIM(Indore), Rau-Pithampur Road, Rau, Indore (MP) - 453331  
 822 407 1000 / 2000 / 3000 / 4000 / 5000 / Tel: (0773) 4010520 / Fax: (0773) 4010522 / Toll Free: 1800 103 3069



13.	Mr. Paresh Joshi Enviro Essential Pvt Ltd.	External Expert	Expert from nearby Industry	
14.	Mr. Manish Deo Namdev Cofounder of Marktime (MIIC-MNIT Innovation and Incubation Centre)	External Expert	Nearby Incubation Centre	

The council members met and discussed about the objective of IIC, type of activities (IIC calendar and Self-Driven), features of IIC portal for monthly report submission mechanism. The council members also discussed about collaborations with organizations to accelerate the activities of IIC. The council also deliberated on quarterly action plan in synchronization with activities and initiatives of other departments, centres and facilities in the Institute working towards promoting IPR, Innovation and Start up.

The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting on 14<sup>th</sup> Dec, 19.

Date: 30/09/19

Place: Indore

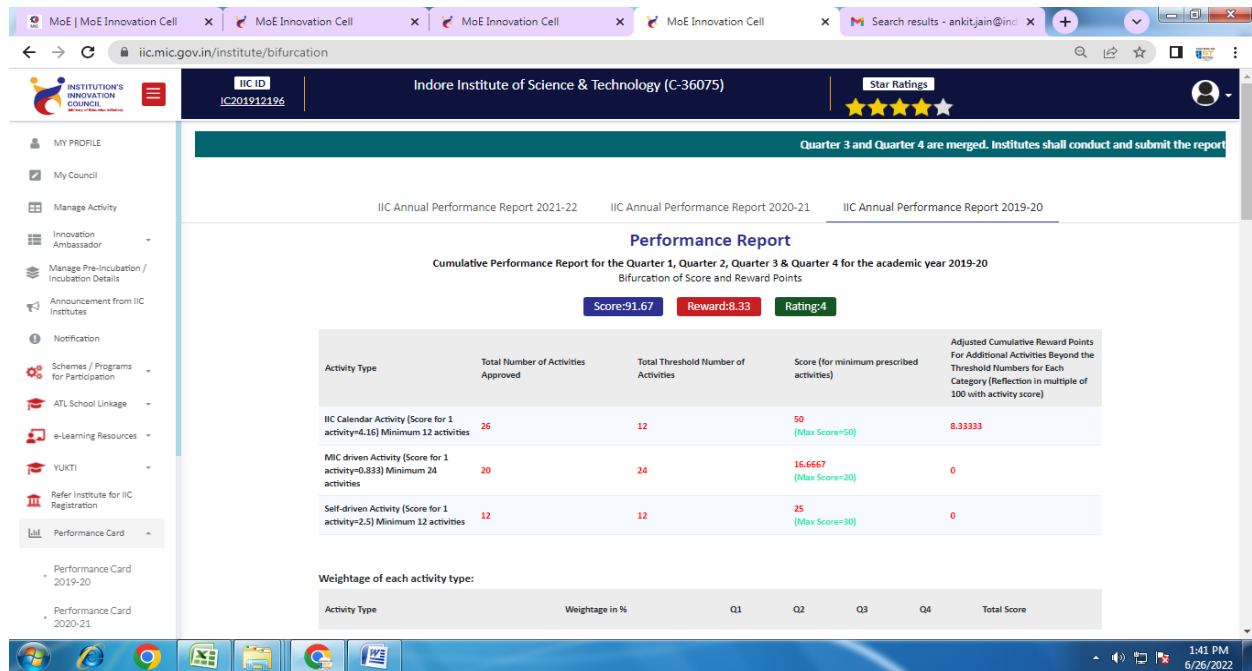


  
Signature & Seal  
PRINCIPAL  
Indore Institute of Science & Technology  
HALL, INDORE (M.P.)

\*Minutes of meeting to be attached

\*\* Attendance sheet of all the members to be attached

## IIST IIC Performance report for 2019-20




## IIST IIC Star Rating Certificate for 2019-20





## IIST IIC 2020-21

### IIST IIC Quarterly Activities Calendar for 2020-21


**INDORE INSTITUTE OF SCIENCE & TECHNOLOGY, INDORE**

Quarterly Activities Calendar for IIC – 2020-21 at IIST					
Academic Calendar		Time Line	Activities Type	Activities	Category
Target Mass - Faculty & Students of Semesters III, V and VII.	Semester I	Quarter I (First three Months – October to December 2020)	IIC Calendar Activity	IIC Council formation or up gradation (of existing council) at Institute level. Conduct first council meeting.	Mandatory
			IIC Calendar Activity	Orientation Session on National Education Policy (with a focus on Innovation and entrepreneurship)	Mandatory
			IIC Calendar Activity	Workshop on "Entrepreneurship and Innovation as Career Opportunity"	Mandatory
			IIC Calendar Activity	My Story - Motivational Session by Successful Entrepreneur/Startup founder.	Mandatory
			IIC Calendar Activity	Session on Problem Solving and Ideation Workshop	Optional
			Self Driven Activity	Seminar on IPR and Patent	Mandatory
			Self Driven Activity	Technical Internship on Latest Technology through SIG's	Mandatory
			Self Driven Activity	Motivational Speak - To be Share by Famous Speaker.	Optional
			Self Driven Activity	Motivational Speak - To be Share by Entrepreneurs.	Mandatory

\*All IIC Driven Activity is Mandatory to participate.

\* We have to conduct minimum three activities from IIC Calendar and we try to conduct one self driven activity every month.

Mr. Ankit Jain  
Vice President, IIC



Dr. Keshav Patidar  
Chairman, IIC

### IIST IIC Resolution for 2020-21





**Indore Institute of Science & Technology**  
www.indoreinstitute.com

**Indore Institute of Science & Technology**  
Affiliated to - RGPV (Bhopal) & Approved by - AICTE New Delhi

The first council meeting of Institution's Innovation Council (IIC), Indore Institute of Science and Technology, Indore was called by IIC Chairman / President Dr. Keshav Patidar/ Mr. Ankit Jain to discuss upon the formulation and function of IIC & shared roles and responsibility among newly joined council members as per the guidelines of MHRD's Innovation cell.

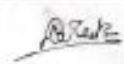



S. No.	Name of Member	Member Type (Teaching / Non Teaching / External Expert)	Key Role / Position assigned to IIC	Signature
1.	Dr. Keshav Patidar Principal, IIST	Teaching	Chairman	
2.	Mr. Ankit Jain HOD, Electronics & Communication Engineering	Teaching	Vice President	
3.	Dr. Niraj Soni HOD, Civil Engineering	Teaching	Convener	
4.	Dr. Dharendra Vikram Singh HOD, Mechanical Engineering	Teaching	IPR Activity Coordinator	
5.	Dr. Vivek Mishra Assistant Professor, Mechanical Engineering	Teaching	Innovation Coordinator	
6.	Mrs. Saranya Singh HOD, Chemical Engineering	Teaching	Internship Activity Coordinator	
7.	Mr. Puneet Duggal HOD, Computer Science and Engineering	Teaching	Startup Activity Coordinator	
8.	Mr. Ankit Jain HOD, Electronics & Communication Engineering	Teaching	ARDA Coordinator	
9.	Mrs. Manoj Patel Assistant Professor, Computer Science & Engineering	Teaching	Social Media Coordinator	
10.	Dr. Parvata Chaudhary Professor, Department of Chemistry	Teaching	Member	
11.	Dr. Arjun Munsoori Associate Professor, Department of Physics	Teaching	NIRF Coordinator	
12.	Mr. Naveen Prasad ZIF Steering Group (India) Limited, Indore	External Expert	Expert from nearby Industry	



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12.	Mr. Neetesh Pareek ZF Steering Gear (India) Limited, Indore	External Expert	Expert from nearby Industry	
13.	Mr. Paresb Joshi Enviro Essential Pvt Ltd.	External Expert	Expert from nearby Industry	
14.	Mr. Manish Deo Narule Cofounder of Markaine (MIRC- MNIT Innovation and Incubation Centre)	External Expert	Nearby Incubation Centre	
15.	Mr. Arvind Kumar Pindoriya	External Expert	Alumni	

The council members met and discussed about the objective of IIC, type of activities (IIC calendar and Self-Driven), features of IIC portal for monthly report submission mechanism. The council members also discussed about collaborations with organizations to accelerate the activities of IIC. The council also deliberated on quarterly action plan in synchronization with activities and initiatives of other departments, centres and facilities in the Institute working towards promoting IPR, Innovation and Start up.


The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting on 03<sup>rd</sup> Dec, 2020.

Date: 24/10/2020

Place: Indore



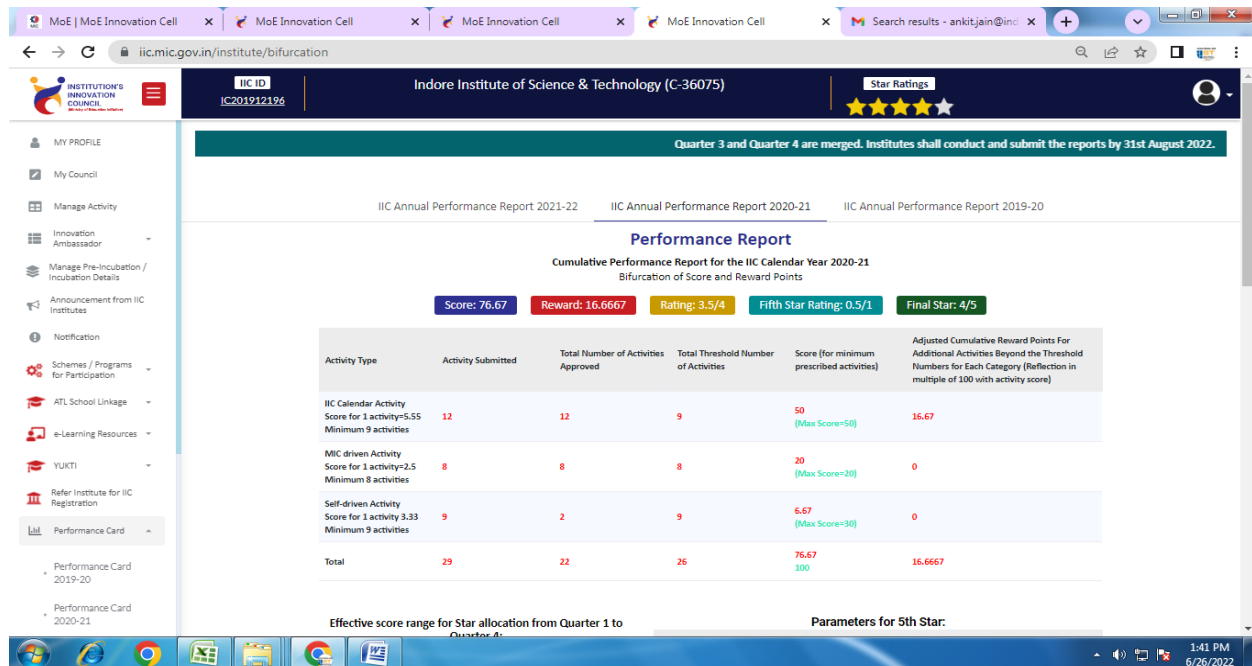
Signature & Seal

  
**PRINCIPAL**  
(IIC President or HOD)  
Indore Institute of Science & Technology  
RAU, INDORE (MP)

\*Minutes of meeting to be attached

\*\* Attendance sheet of all the members to be attached

## IIST IIC Performance report for 2020-21



## IIST IIC Star Rating Certificate for 2020-21





## Innovation Ambassador under IIST IIC



## Advance Level training certificate of Innovation Ambassador



## Basic Level training certificate of Innovation Ambassador



Inbox (46) - ankit.jain@indorei... x MoE | MoE Innovation Cell x MHRD | MHRD Innovation Cell x MoE Innovation Cell x Downloads x

icmic.gov.in/institute/ambassador

**INDORE INSTITUTE OF SCIENCE & TECHNOLOGY (C-36075)** Star Ratings: ★★★★★

Quarter 3 and Quarter 4 are merged. Institutes shall conduct and submit the reports by 31st August 2022.

### Registered Innovation Ambassador Details

Sr. No.	Name	Email	Contact	Expert Area	Download
1	Ankit Jain	ankit96927@gmail.com	9827596927	General	Certificate Available Soon
2	Ankit Jain	ankit.jain@indoreinstitute.com	9827596927	General	Certificate Available Soon
3	Dr. Irfan Mansuri	irfan.mansuri@indoreinstitute.com	9826967867	General	Certificate Available Soon
4	Margi Patel	margi.patel@indoreinstitute.com	9713362915	General	Certificate Available Soon

« Previous 1 Next »

### Not Registered Innovation Ambassador Details

Sr. No.	Name	Expert Area	Download
No Record Found for Not Registered Innovation Ambassador			

Next »

## List of faculty completed Innovation ambassador training

Inbox (46) - ankit.jain@... x MoE | MoE Innovation x MHRD | MHRD Innovation x MHRD | Innovation Cell x MoE Innovation Cell x Downloads x

ia.mic.gov.in/ambassador/dashboard

**Innovation Ambassador**

Welcome Ankit Jain!  
ankit96927@gmail.com  
Indore Institute of Science & Technology

**IA Training Sessions 2022**

TRAINING 2022	No. of Institutions	Foundation Level Training	Advanced Level Training
	308	1815	2
		Ongoing: 182	Ongoing: 0
		Completed: 42	Completed: 0

**IA Training Sessions 2021**

Dashboard, About IA, Profile, Change Password, Report, Mentor Clinic, Mentorship, Online Training, Download Certificate

## Login portal for Innovation Ambassador

# IIST IIC Annual Report 2020-21

## ANNUAL REPORT 2020-21

INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE



### A. About IIC Institute

#### • Vision / Mission of IIC established at the Institute

##### Vision

- To achieve recognition as an institution of excellence in innovation promotion ecosystem.

##### Mission

- Conduct periodic workshops/seminars to expose and promote innovative thinking.
- Network with entrepreneur development cell.
- Participate and Organize idea contests / Hackathon to showcase the Innovative Ideas.

#### • Journey of IIC established at the Institute

Our Journey start in year 2019-20 and during this year we got 4.5 star rating out of five and our two team won the SIH 2019-20 of software edition (Awarded one lakhs cash prize to each team). Apart from this, we start preincubation unit in the name of CARE and after IIC, we convert into incubation unit and started IPR Cell under the CARE. Our one team reached up to final of innovation contest 2020 and we have 04 IA Trainer in the campus and 04 outside expert associated with IIC IIST Cell. We also participate in ARIIA as well as adopt NISP Policy and form IISP policy aligns with NISP Policy.

#### • Diversified representation in the IIC established at the institute from industry, Interdisciplinary&Departments/ Units etc.

We have four expert representations in the Institute IIC are as follow:

1. Mr. Neetesh Pareek, Expert from nearby Industry ZFSteering Gear Limited, Indore India.
2. Mr. Paresh joshi, Expert from nearby Industry Enviro Essential Pvt. Ltd.
3. Mr. Manish Deo Namdeo, Nearby Incubation Center, Cofounder of Marktime & MIIC MNIT Innovation and Incubation Centre.
4. Mr. Arvind Kumar Pindoriya, External Expert, Alumni.

### B. Brief mention of key functionaries at the IIC Institute

#### • President (Mr. Ankit Jain)

- The President will constitute the IIC council and appoint its members. He is responsible for ensuring that Quarterly Council Meeting is



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### INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE



planned effectively. Conduct Council Meeting in accordance with prescribed rules and that matters are dealt with in an orderly, efficient manner.

- He/ will lead the IIC Council.
- He will have the IIC portal Login ID and will be the custodian of IIC portal login and data/ reports uploaded therein.
- He will call the meetings, set meeting agenda and will monitor the deliverable.
- He will be the main point of contact with MHRD Innovation Cell.
- He will respond to all communication from IIC National Coordination team (MHRD Innovation Cell) and will be responsible to ensure decent performance of IIC.
- He will coordinate with MHRD innovation cell and responsible for all the IIC activities in the institute
- He will ensure Institution's participation in IIC calendar activity and take lead in the Institution driven activities (own initiatives).
- He will ensure the effective implementation of IIC activities with the help of Convenor.
- He will be responsible for submitting the monthly progress/activity reports on the IIC portal.

#### • Vice President (Mr. Neetesh Pareek)

- It is an honorary post for a senior expert representative from Industry/Ecosystem enablers. He can be from faculty representative as well in case no experts are available.

#### • Convenor (Dr. Niraj Soni)

- The Convenor will work in close coordination with IIC president and will provide help wherever required for smooth conduction of activities.
- He will ensure the participation in the meeting and will prepare the meeting agenda at least 10 days prior to meeting with the inputs from all valuable council members and President
- He will ensure that the internal examination dates would not interfere with the IIC activities and coordinate with all departments to ensure the same.

#### • Coordinators etc.

Innovation activity coordinator (Dr. Vivek Mishra)

- Will work to promote innovation related activities on campus or as mandated in IIC council meeting.

Start-up activity coordinator (Prof. Puneet Duggal)



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INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE



- Will work to boost startup generation among students and related activities or as mandated in IIC council meeting.

Internship coordinator (Dr. Samatha Singh)

- Will work to arrange student internships in startups, so to expose them with startup ecosystem in India, real-life challenges in startup and their success stories or as mandated in IIC council meeting.

IPR activity coordinator (Dr. Dheerendra Vikram Singh)

- To promote awareness about IPRs and conduct related activities on campus or as mandated in IIC council meeting.

Social Media Coordinator (Mrs. Margi Patel)

- Will create and manage IIC page/account on Facebook, Twitter and YouTube and other relevant social media platforms. He / She will be responsible for posting all the relevant information about council meeting resolution and action plan, IIC activities and follow/tag MIC/IIC page and posts on these platforms. He/ She will also ensure that all students follow MIC/IIC page/account on social media to get first-hand information.

ARIJA Coordinator(Optional) (Mr. Ankit Jain)

- Coordinate for ARIJA related activities.

NIRF coordinator (Optional) (Dr. Iran Mansoori)

- Coordinate for NIRF related activities.

Members

- Dr. Parimeeta Chanchani

### **C. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution**

- Total No. of IIC Members - 14
- Total No. of IAs - 04
- Total No. of faculty Mentors From Portal - 04
- Pre-Incubation Units, If any – Yes EDC Cell
- Incubation Units, If any – Yes CARE





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- IP Facilitation Unit, If any - No

### **D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.**

- Incubation Center: - CARE
- Pre-Incubation Centre: - EDC Cell
- IPR Cell
- Robotics Club
- Drone Club
- AI Club

- ❖ The incubation and pre- incubation facilities for the faculty and students will be available at the campus 24x7 on all days.
- ❖ Provision of relevant services and mentoring support like provision of space, infrastructure, mentorship, seed funding, legal and patent support and use of facilities at the institution/ Start up Cell will attract 2-9.5% of equity or stake in the startup incubated. Depending on the infrastructure and other resources utilized, time and the kind of support services extended, the actual percentage may vary.

The institute has established an EDC and Incubation center which works under the direct supervision and administrative headship of the institution and senior faculty nominated by Institute Head. The Institute will coordinate the below said activities are as follows:

- ❖ Ensuring maximum student participation to go through the pre incubation process
- ❖ Link and collaborate the incubation center with external agencies and ecosystem enablers to provide network and incubate start-ups.
- ❖ Institute to provide seed funds if possible.



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INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE.



- ❖ Encourage student participation in experience sharing, participation in business plan competitions and organize competitions/ Hackathon.
- ❖ Recruit faculty with strong entrepreneurial/ industrial experience to foster the Innovation and Entrepreneurship culture at IIST Indore.

**E. Highlight Achievements (Narrative/Graphical/tabular representation)**

- **Number and Different types of I&E and IPR activities Conducted :** - Exclude Internship we conducted 10 Activities in year 2020-21
- **No. of student's & faculty ideas generated:** - No. of Students generates the idea was three teams total 12 students and no of faculty was one team total 4 faculty in year 2020-21.
- **No. of student's & faculty Innovation/prototypes developed:** - No. of Students generates the prototype was two teams total 08 students in year 2020-21.
- **No. of IPs generated, published and granted**  
No. of Patent published in year 2020-21 is three and total six faculties involve.
- **Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus:** - 1, 24000.00 in year 2020-21.
- **Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR:** - 32000.00 in year 2020-21.
- **No. of Technology Transfer and Commercialisation happened**  
Nil in Year 2020-21.

**F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum**  
[Profile of few faculties with 2-3 line of their achievements]



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### INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE



Mr. Ankit Jain, Assistant Professor Received Grant of 1 Lakhs rupees as Principal Coordinator from AICTE under SPICES Scheme for establishment of Drone Club in year 2020-21.

Mr. Atul Singh Kushwah, Assistant Professor and Mr. Ankit Jain, Assistant Professor winner in TBT (Task Based Training) in Year 2019-20 conducted by eYantra IIT Bombay.

Mr. Ravi Yadav, Technical Trainee Publish one Patent on Automatic Guidance system for Blind Community in year 2021.

Dr. Dheerendra Vikram Singh, Professor, Mr. Shantanu Roy, Assistant Professor, Mr. Lokesh Auringabdkar, Assistant Professor and Mr. Suveer Dubey Assistant Professor - Publish one Patent on Process and Self Monitoring AI Device for Optimizing the Performance of Hybrid Cascade Refrigeration system in Year 2021.

Mr. Ankit Jain, Assistant Professor Publish one Patent on A system and Method for analysing Dynamic out of Home Advertising based on real time viewers biometric information.

Mr. Abhay Singh Lodhi Student EC III Year securing second runner-up position in Jabalpur smart city start-up competition

#### G. Highlight selected best Innovations & images with mention of



inventor/innovation name

#### H. Highlight selected start-ups established by students/faculties with mention of founder/cofounder name - NA

#### I. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation - NA



## ANNUAL REPORT 2020-21

INDORE INSTITUTE OF SCIENCE AND TECHNOLOGY, INDORE



### N. Contact

President of Institute IIC - Mr. Ankit Jain  
M: - 9827596927 O: - 07314010656  
[ankit.jain@indoreinstitute.com](mailto:ankit.jain@indoreinstitute.com)

Chairman of Institute IIC - Dr. Keshav Patidar  
M: - 9926530687 O: - 07314010585  
[keshav.patidar@indoreinstitute.com](mailto:keshav.patidar@indoreinstitute.com)

  
  
**Principal**  
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