

Annual Report 2020-21

JHARKHAND RAI UNIVERSITY, RANCHI (IC201912699)



A. About IIC Institute

Objectives

Jharkhand Rai University, Ranchi has established Institution's Innovation Council (IIC) under Ministry of Education (MOE), Govt. of India in the year September 2019 to systematically foster the culture of Innovation. The main objective of IIC at JRU is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform these ideas into prototypes while they are still in their informative years.

Major Focus

- To create a vibrant local innovation ecosystem.
- Start-up supporting mechanism in HEIs.
- Prepare institute for Atal Ranking of institutions on innovation achievements framework.
- Establish function ecosystem for scouting ideas and pre-incubation of ideas.
- Develop better cognitive ability among students.

Function of IIC

- To conduct various Innovations, IPR and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

B. Brief mention of key functionaries at the IIC Institute

Sr. No.	Name of Member	Member Type (Teaching/ Non-teaching / External Expert)	Key Role/ Position assigned in IIC
1	Dr. Piyush Ranjan	Teaching	Registrar
2	Dr. Shraddha Prasad	Teaching	President
3	Prof. Kumar Amrendra	Teaching	Convener
4	Prof. Rashmi	Teaching	Co-Convener
5	Prof. Prashant Jaiwardhan	Teaching	Social Media Coordinator

6	Dr. Amrita Majumdar	Teaching	ARIIA Coordinator
7	Prof. Anuradha Sharma	Teaching	NIRF Coordinator
8	Dr. Supriti Jana	Teaching	Startup Activity Coordinator
9	Prof. Gaurav Kumar Verma	Teaching	Internship Activity Coordinator
10	Prof. Sushma Priya	Teaching	Member
11	Dr. Hemlata Kumari	Teaching	Member
12	Mr. Sanjay Sengar	External Expert	Member
13	Malavika Sharma	External Expert	Member
14	Jayakrishnan J.S	External Expert	Member
15	Rajesh Prasad	Member (Alumni)	Innovation coordinator
16	Deepak Kumar	Member (Alumni)	Startup coordinator
17	Shyam Sundar Pradhan	Member (Alumni)	To organize workshops
18	Ekta Kumari Gupta	Member (Alumni)	Internship coordinator
19	Sudhanshu Kumar Singh	Member (Student)	IPR Coordinator
20	Sunil Mardi	Member (Student)	Social Media Coordinator
21	Sourabh Kumar	Member (Student)	Member
22	Shashikant Prasad	Member (Student)	Startup Coordinator
23	Navneet Kumar	Member (Student)	Member
24	Faisal Raza	Member (Student)	IPR Coordinator
25	Abhinav Kumar Gupta	Member (Student)	Member
26	Shashwat Kumar	Member (Student)	Member

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

- Total No. of IIC Members : 26
- Total No. of IAs : 12
- Total No. of faculty Mentors From Portal : 10
- Pre-Incubation Units, If any: Yes
- Incubation Units, If any: Not yet.
- IP Facilitation Unit, If any: Not yet.

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

Jharkhand Rai University has established Institution's Innovation Council under MOE's Innovation Cell. IIC Student Club, JRU actively participates and promotes the culture of innovation and entrepreneurship in the university. Few of the students participated in the Idea Pitching Contest, which was held across the India. Their ideas were selected and mentoring, support and hand holding procedures were carried on so that, it can result into start up. The students regularly participate in different entrepreneurial activities to promote Innovation and Entrepreneurship in the campus.

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

- Number and Different types of I&E and IPR activities Conducted

Sl No.	Activity Name	Date(s)
1	EDC Mentorship Programme	1st April 2017
2	Introduction about EDC in Orientation Program	Aug-17
3	Invited Talk	1st July 2017
4	Workshop	Mar-18
5	Lecture on “Current trends of Engineering in Start-ups”.	Dec-17
6	Idea Pitching in Entrepreneurship Awareness Drive	4th Oct 2018
7	Field Visit	Oct-17
8	Expert talk on Entrepreneurship and Youth Leadership	24th March 2018
9	Workshop on Entrepreneurship Awareness Camp (EAC)	01 Nov 2018 to 03 Nov 2018
10	Workshop on Entrepreneurship Awareness Camp (EAC)	13 Mar 2019 to 15 Mar 2019
11	Seminar on Entrepreneurship Development Programme	Apr-19
12	Workshop on Entrepreneurship Awareness Drive (EAD)	Oct-19
13	Workshop on Entrepreneurship Awareness Camp (EAC)	18 Nov 2019 to 20 Nov 2019
14	Idea Pitching Session	Nov-19
15	India First Leadership Talk Series	06th June 2020
16	Leadership Talk with Shri R Subramanyam	13th June 2020
17	Global Entrepreneurship Summit 2020	31st Jan- 02nd Feb 2020
18	1 day National Level Awareness Program (NLAP) - 2020	25th Feb 2020
19	Webinar on Opportunity for Entrepreneurs in Agro Food Processing	22nd May 2020
20	Webinar on Entrepreneurship Skill Development- Let’s Talk Future	16th May 2020
21	Online Webinar Series by IIC on Entrepreneurship	28th April 2020 to 22nd May 2020
22	WebApp development on COVID opd	23rd May 2020
23	1 day webinar on Medicinal Plant Based Integrated Farming System: An Option For Entrepreneurship Development	Jun-20
24	1 day webinar on Exploring Horticultural Nursery As Profitable Enterprise In Eastern India	30-06-20
25	1 day webinar on Indian Dairy Industry: Challenges And Opportunities	08-07-20
26	1 day webinar on Opportunities For Entrepreneurs In Agro-Food Processing	Jun-20

27	1 day webinar on Application Of IPR In The Field Of Agriculture	13-06-20
28	Webinar on National Education Policy 2020: "Features & Prospects"	25th Sept 2020
29	Workshop on Entrepreneurship Awareness Drive (EAD)	26th Nov 2020
30	A Webinar on Jharkhand Education Summit 2020	22nd Oct 2020
31	Orientation Session ROOTS 2020	29th - 30th Oct 2020
32	Idea Pitching Contest To Promote Entrepreneurship Amongst Tribal Women of Nation	31st Oct 2020
33	National Conference on Empowering Tribal Women: Entrepreneurship & Skill Development, a way towards Atmanirbhar Bharat (NCETW 2020)	5th Dec 2020
34	1 Day Webinar on Financial Literacy	24th Nov 2020
35	1 Day Webinar on Financial Literacy	28th Nov 2020
36	1 Day Webinar on Role of Financial Institutions in Agri Entrepreneurship Development in India	21st June 2020
37	Mentorship Session for Innovators (or) Student Entrepreneurs through experts and (or) Innovation Ambassadors/Innovation Agent	12th Jan 2021
38	Global Entrepreneurship Summit (GES) 2021	25th-28th Feb 2021
39	Expert Talk on Entrepreneurship and Family Business "Design Your Future"	27th Feb 2021
40	IIC Quarter 3 Meeting, Session 2020-2021	11th March 2021
41	Expert Talk on "Struggle of Startups in the path of Success"	26th March 2021
42	Panel Discussion on "Family Business are the source of Innovation"	10th April 2021
43	Talk on "From your Ph.D./ Masters Thesis to a start-up" (MIC Driven Activity of Quarter 3)	23rd April 2021
44	Talk on " Why IP is important in academia? "	26th April 2021
45	Expert Talk on Entrepreneurship Opportunity in Seed Sector	08th May 2021
46	Expert Talk on Protect your Invention through IPR Policies	22nd May 2021
47	Webinar on "Protection of plant varieties under IPR regime in India"	28th May 2021
48	Expert Talk on "Entrepreneurship as a Career Path"	29th May 2021
49	Panel Discussion on Transforming New Ideas into Reality	9th June 2021
50	Expert Talk on Deep Dive into The World of R&D and Innovation of Silk Proteins as Pharmaceutical Biomaterial	12th June 2021
51	Expert talk on "Intellectual Property Rights:Context,Basics & Implications"	26th June 2021
52	IIC Quarter 4 Meeting, Session 2020-2021	14th July 2021

53	One Week E- Faculty Development Program on “Intellectual Property Rights and its Application”	19th July-24th July 2021
54	Expert Talk on "Influence of Intellectual Property Rights on Marketing Strategies"	30th July 2021
55	National Webinar on Research, Innovation and Ranking	11th August 2021
56	Expert Talk on Agri-Clinic and Agri-Business: Opportunities for Entrepreneurship Development	13th August 2021
57	Alumni Talk on Multi-Faceted benefits of Noni (Morinda Citrifolia) production - An Entrepreneurial possibility in Jharkhand	14th August 2021
58	WORKSHOP ON Entrepreneurship Development In Value Chain Management of Mushroom For Nutrition, Employment And Income Security	
59	IIC Annual Report	-
60	World Entrepreneurs Day Celebration	21st - 24th August 2021

- No. of student's & faculty ideas generated
 - Student- 10
- No. of student's & faculty Innovation/prototypes developed: Not yet.
- No. of IPs generated, published and granted: Not yet.
- No. of Student & Faculty Start-ups/Ventures established: 9 start-ups by students
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus : Not yet.
- Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR : Not yet.
- No. of Technology Transfer and Commercialisation happened: Technology Transfer: 0 and Commercialisation: 6

F. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum

1. Prasenjeet Kumar got awarded for producing rare noni plant in Jharkhand which grows wild in the coastal areas of Orissa, Kerala, Karnataka and Tamil Nadu. Andaman and Nicobar Islands has the highest naturally grown populations of noni plants. But, Prasenjit is farming noni in Kasmaar district, Bokaro, which is in central India. For this he got recognition from different government bodies.



G. Highlight selected best Innovations & images with mention of inventor/innovation name

1. Mr Vishal Sahu, an alumni of Jharkhand Rai University, Ranchi started his own start-up “**eMurga.com**”. **eMurga.com** is Jharkhand's First Online Chicken Shop. They provides fresh, Hygienic, high quality and affordable chicken with germ free packaging.



2. Mr. Shyam Sundar Pradhan, a student of MCA from Jharkhand Rai University started his own IT company “**SP WEBCARE**”. It is an IT Company which deals in all IT Services like, Website Designing & Development, Application Development, ERP Solution, CCTV Camera Services, Computer Lab Setup and Smart Home Automation etc. SP WEBCARE started in 2017. In the time of COVID, he have started a new branch of SP WEBCARE which is located in Seraikella-Kharsawan, Jharkhand.



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

Startup Details				
Sl. No.	Name	Name of the Start-up	Nature of Start-up	Date of Commencement
1	SHYAM SUNDAR PRADHAN	SP WEBCARE	WEB DEVELOPMENT, SOFTWARE DEVELOPMENT, IT TRAINING	2nd Oct, 2018

2	RAJESH PRASAD, SHUBHAM RANA, SUNEEL KUMAR, HRISHIKESH MAJHI, JITENDRA KUMAR SHARMA, DHARMENDRA THAKUR	KHELTE RAHO	SPORTS EVENT MANAGEMENT, ONLINE SCORING	27th Oct, 2017
3	VISHAL SAHU	E-MURGA	E-COMMERCE	5th Dec, 2016
4	PRASENJEET KUMAR	CULTIVATION OF RARE NONI	AGRICULTURE	17th July, 2016
5	PRASENJEET KUMAR	JIVANBODH AGROTECH	AGROTECH	21st, Nov 2019
6	PRASENJEET KUMAR	DIVYANSH HATCHERY AND FARM EQUIPMENTRS	BUSINESS (DEALERSHIP)	25th Aug, 2019
7	SUNNY SINGH	AN OWL'S EYE	ONLINE TRACKING OF SCHOOL BUS	15th Feb, 2016
8	Shashwat Kumar	Bergbite Food Tech	Food Technology	21-03-20
9	Anshika	ARUMA	Firm	15.08.2020

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

Prasenjeet Kumar got awarded for producing rare noni plant in Jharkhand which grows wild in the coastal areas of Orissa, Kerala, Karnataka and Tamil Nadu. Andaman and Nicobar Islands has the highest naturally grown populations of noni plants. But, Prasenjit is farming noni in Kasmaar district, Bokaro, which is in central India. For this he got recognition from different government bodies

- J.** Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs
- ARIIA – participation and Rank
 - NISP Adoption status - Trained Faculty, Policy Formulated, Policy Implementation (in process)
 - Smart India Hackathon: Student participated
- K.** Detail of Social Media & Connections of IIC institute
- Facebook: <https://www.facebook.com/JRU-Innovation-Cell-112831420185862>
 - Instagram: <https://www.instagram.com/jharkhandraiuniversity/>
 - Twitter: <https://twitter.com/JhRaiUniv>
 - Youtube: <https://www.youtube.com/channel/UC1p0W9JEY1xjMtk6nujnpuw/videos>

- L.** Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

Testimonial by: **Prasenjeet Kumar**, B.Sc. Agri. (Alumni), Start-up Founder-Jivanbodh Agrotech.

Institution's Innovation Council, Jharkhand Rai University, Ranchi gives an opportunity to build the spirit of Entrepreneurship among students. Various Entrepreneurship related activities is conducted on a regular basis. This creates an ecosystem that fosters the culture of Innovation in the University. It creates an insight for the student right from Idea Generation to successful start-ups. The University organizes periodic workshop / seminars/ interactions with entrepreneurs, investors, professionals and creates a mentor pool for student innovator. It also organizes Idea Pitching Competition, mini contest with the involvement of industries. The students on a regular basis participate in Global Entrepreneurship Summit each year organized by E-Cell IIT Kharagpur. It gives an exposure to interact with academia, industry professional, successful Entrepreneurs.

Testimonial by: **Prof. Rashmi**, Co-Convener, Institution's Innovation Council, Jharkhand Rai University.

Ministry of Education's Innovation Cell (MIC) launched the Institution's Innovation Council (IIC) program in collaboration with AICTE to systematically foster the culture of Innovation and start-up ecosystem in higher education institutions. The primary goal of this council is to inspire, encourage and nurture the young students for different activities involved in pre-incubation, incubation and making successful start-ups. Jharkhand Rai University Ranchi has established Institution Innovation Council for promoting different activities related to Innovation, IPR, Start-up and Entrepreneurship. Faculties and students are the members of IIC. The IIC cell conducts quarterly meetings in every quarter to plan the quarterly activities and review quarterly conducted activities. Due to these activities, students get chance to participate in various innovation related initiatives and competition organized by MHRD. IIC, JRU Ranchi helps students to experiment latest technologies to get some prototype for building their confidence. Leadership Talk, Innovation Ambassador Training Program are such events that is conducted by MIC in which faculty members participates on a regular basis which helps in developing Innovation and Entrepreneurial Ideas among faculties. The strong Mentor pool at JRU, supports the students for their proper execution of their innovative ideas and help them to develop entrepreneurial skills.

M. Images



इंटरप्रेन्योर बन कर आसानी से बन सकते हैं स्वावलंबी



रांची. राय यूनिवर्सिटी में बुधवार को तीन दिवसीय इंटरप्रेन्योरशिप अवैरनेस कैप का समापन हुआ, कैप का आयोजन एक्सआइएसएस रांची, विज्ञान एवं प्रौद्योगिकी विभाग भारत सरकार, इडीआईआई गुजरात की ओर से किया गया था, इसमें कॉलेज के विभिन्न संकाय के फाइनल इयर के विद्यार्थी शामिल हुए.

भौतिक पर वस्तु के रूप में एक्सआइएसएस के इंडीपी विभागाध्यक्ष प्रो हरप्रीत सिंह अहलवालिया मौजूद रहे, उन्होंने विद्यार्थियों को नौकरी के पीछे न भागते हुए खुद को स्वावलंबी बनाने की बात कही, कहा कि जीवन में कई

ऐसे विकल्प हैं, इसमें शिक्षा हथियार के रूप में कारगर साबित होता है, पढ़ाई के बाद विद्यार्थी शिक्षा के क्षेत्र से ही जुड़ कर कई पैसे का सृजन कर सकते हैं, उद्योग व व्यवसाय का क्षेत्र नहीं संभालना और नौकरी का सृजन करती है, हरप्रीत सिंह ने विद्यार्थियों को अपने बिजनेस आइडिया का प्लान किसी सरकारी संस्थान से जुड़ कर पूरा करने की जानकारी दी, तीन दिवसीय कार्यशाला में सहायक प्रोफेसर आरीफ हुसैन और विनोद गिरी ने विद्यार्थियों को बिजनेस प्लान का प्रोजेक्ट रिपोर्ट तैयार करने की जानकारी दी, कार्यक्रम को सफल बनाने में प्रो रश्मि समेत अन्य का सहयोग रहा.



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