



ANNUAL REPORT

Institution Innovation Council (IIC)

(September 2021 to August 2022)

IIC 4.0

The vision of the University is to become a role model among the higher educational institutions globally and aims at nurturing young minds to lead a sustainable transformation of society through excellence in value-based education, research, innovation, and entrepreneurship.

OP Jindal University, Raigarh has established an Institution Innovation Council (IIC) during the calendar year 2019-20 as per the norms of MHRD's Innovation Cell, Government of India. The role of IIC-OPJU is to create a vibrant local innovation ecosystem, Start-up supporting Mechanism in the University.

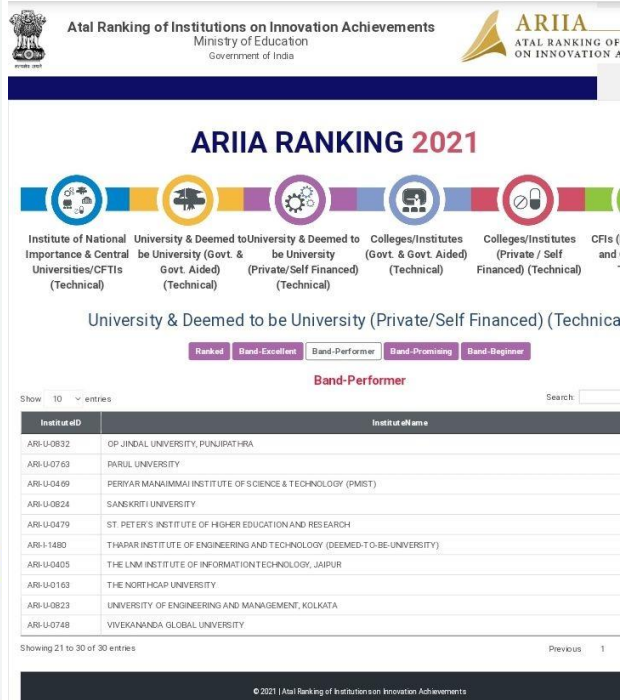
The following are the key functionaries of IIC 4.0 in the University

President	Dr. R. D. Patidar, Vice Chancellor, OPJU
Vice President	Dr. Siddharth S Chakrabarti, ME
Convener	Dr. Saket Jeswani, SoM
Co-Convener	Dr Deepayan Priyadarshi, CE
Innovation Activity Coordinator	Dr. I.A. Qadri, EE
Start-up Activity Coordinator	Dr Vikas Kumar, SoM
Internship Activity Coordinator	Dr. Swapnasarit Kar, CE
IPR Coordinator	Dr Satish Kanhed, ME / Dr. Sandeep Biswal, EE
Social Media Coordinator	Prof Umashankar Pandey, CSE
ARIIA (Atal Ranking of Institutions on Innovation Achievements) Coordinator	Prof Akash Pandey, ME/Dr. R.S. Singh, SoS
NIRF Coordinator	Dr Deepak Singh, EE /Dr Ajit Singh, ME
Patent Expert/IP Expert	Adv. Swapnil Gawande, Director: BLI Consultancy Pvt. Ltd.
MIC Activity Coordinator & Member	Dr Trinath Talapaneni, MME
Innovation Ambassador & Member	Dr Sanjay Singh, Humanaties

Innovation Ambassador & Member	Mr Bhupendra Tripathi, SoM
Innovation Ambassador & Member	Dr Himanshu Vaishnaw, SoM
Innovation Ambassador & Member	Dr Rekha Sharma, SoM
Start-up Alumni Entrepreneur	Amit Patel, CEO Chalbo India Private Limited
Expert from nearby Industry/Industry association/Ecosystem Enablers	Mr Ramdas Katre, EVP, JPL Tamnar

Major Activities

1. OPJU Institutional Innovation Council (IIC) under the Ministry of Education-‘MoE’s Innovation Cell (MIC)’ has submitted the data for the Atal Ranking of Institutions on Innovation Achievements (ARIIA)-2021 a scheme of AICTE. In the year 2021, out of 1430 Universities/Institutes, OPJU applied for the first time and bagged a position in the **Band Performer**. OPJU stood in the first 40 universities & Deemed to be the Universities (Private/Self-Financed) category. Also, under the dynamic leadership of Dr. R D Patidar, Vice-Chancellor & the President-IIC, the University has also established an incubation center- “OPJU innovation center” at OPJU Campus to promote startup, entrepreneurship, and innovation within Chhattisgarh state and outside. (https://www.opju.ac.in/iic_opju.php)



2. The council regularly conducts meetings to decide on the IIC calendar, MIC, and self-driven activity for every quarter.





3. Department of Mechanical Engineering in association with IIC, SAE collegiate Club organized a webinar for students, startup innovators and inquisitive learners on “Future trends in EV Technologies” attended on 9th October 2021. OPJU was delighted to host Mr Brahmanand Reddy Patil, Vice President & Head-Central R&D, CREAT UNO MINDA Enterprise Pune, India as a speaker for the session. The speaker discussed

electric mobility and its future. He said that the new age EV start-ups are consumer focussed and working on highly radical vehicle design. He articulated salient features of EV design which includes mechanical design, materials, software and hardware used. The session was attended by 120+ participants.



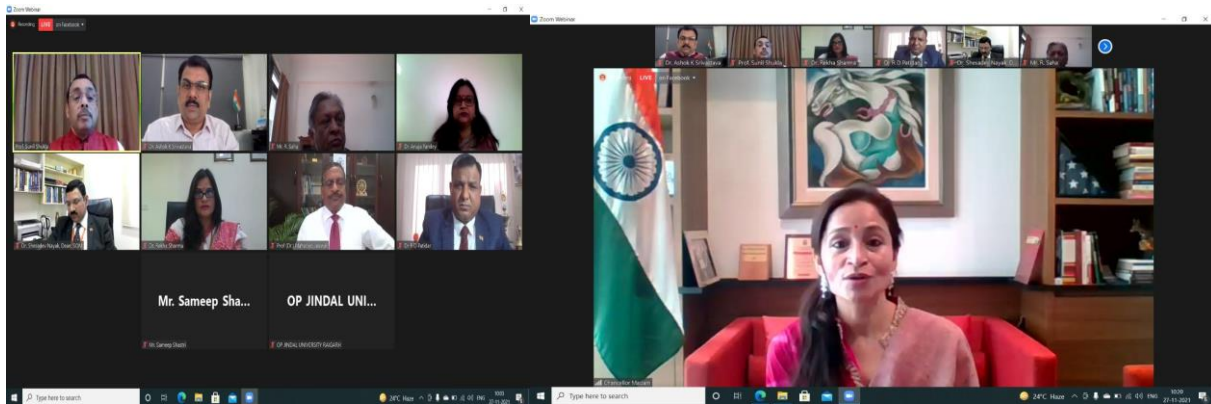
- Dr Adil Khan & Dr Saket Jeswani, under Institution Innovation Council (IIC), organized a workshop on “Entrepreneurship & Innovation as Career Opportunity” on 22nd Nov 2021. The workshop was conducted by Dr Mohd Yasir Arafat, from Aligarh Muslim University. Total 41 students and 7 faculties participated in the workshop.



- School of Management in association with IIC successfully conducted the "2nd International Conference on Role of Innovation, Entrepreneurship and Management for

Sustainable Development". This conference was organized by OP Jindal University, Raigarh on Nov 27-28, 2021 in association with India Case Research Centre-All India Management Association & Chhattisgarh Chambers of Commerce and Industries. More than 100 full papers were presented from various countries and discussed their research findings in different sub-themes of management such as Marketing, HR, General Management, entrepreneurship, economics, operation and case studies.

The international conference started with the welcome address given by Dr. R.D.Patidar, Vice-Chancellor, OP Jindal University, inaugurated by the honorable Chancellor Smt. Shallu Jindal, Chairperson, JSPL Foundation; addressed by the Chief Guest Mr. Sameep Shastri, Chairman Institute of Governance & Leadership and Vice-chairman - BRICS Chamber of Commerce & Industry; special guest Prof (Dr.) Mahadeo Jaiswal, Director, IIM Sambalpur; guest of honour Dr. Anuja Pandey, Director, ICRC, AIMA New Delhi; guest of honour Prof. Sunil Shukla, Director, Entrepreneurship Development Institute; guest of honour Mr. R. Saha, Senior Advisor to Confederation of Indian Industries and concluded with the vote of thanks from Dr. S.Nayak, Associate Dean School of Management, OP Jindal University. The valedictory session was addressed by Prof. Raj Agarwal, Director, CME, AIMA was the chief guest, guest of honour Mr. Nishant Mishra, Senior Vice President, HR, HDFC Life Insurance Co. Ltd, report of the conference given by Dr. Jaya Prakash Rath and vote of thanks was given by Dr.Saket Jeswani, Conveners of the international conference respectively.



ओपी जिन्दल यूनिवर्सिटी में रोल ऑफ़ इनोवेशन, दो दिवसीय अंतरराष्ट्रीय डिजिटल सम्मेलन

सतत विकास के लिए इनोवेशन एवं उद्यमिता को बढ़ावा दे : शालू जिन्दल

देश के अनेक शोधकर्ता एवं विद्वान कर रहे भागीदारी

■ नवभारत न्यूज़ | रायगढ़
www.navbharat.news

जेएसपीएल फाउंडेशन की चेयरपर्सन एवं ओपी जिन्दल विश्वविद्यालय (ओपीजेयू) की कुलाधिपति श्रीमती शालू जिन्दल ने कहा कि सतत विकास के लिए इनोवेशन, उद्यमिता एवं प्रबंधन शीर्ष प्राथमिकता हैं जो उत्पादकता बढ़ाने, उभरते बाजारों से उत्पन्न अवसरों का फायदा उठाने एवं ज्ञान संचालित प्रतिस्पर्धात्मक लाभ पैदा करने की कुंजी हैं। श्रीमती जिन्दल आज ओपीजेयू द्वारा रोल ऑफ़

इनोवेशन, आंत्रप्रेन्योरशिप एंड मैनेजमेंट फॉर सस्टेनेबल डेवलपमेंट विषय पर आयोजित दो दिवसीय अंतरराष्ट्रीय डिजिटल सम्मेलन में अपने विचार प्रकट कर रही थीं। उन्होंने कहा कि सतत विकास केवल विकासशील देशों ही नहीं बल्कि सभी देशों के लिए चिंता का विषय है। यह एक बड़ी चुनौती है और इसे प्राप्त करने के लिए आवश्यक है कि स्थानीय, क्षेत्रीय और वैश्विक स्तर पर मूलभूत मुद्दों की तुरंत पहचान की जाए। उन्होंने आह्वान किया कि शोधकर्ता और विद्वान एक साथ मिलकर सतत विकास के लिए इनोवेशन एवं उद्यमिता को बढ़ावा देने का पुनीत कार्य करें।



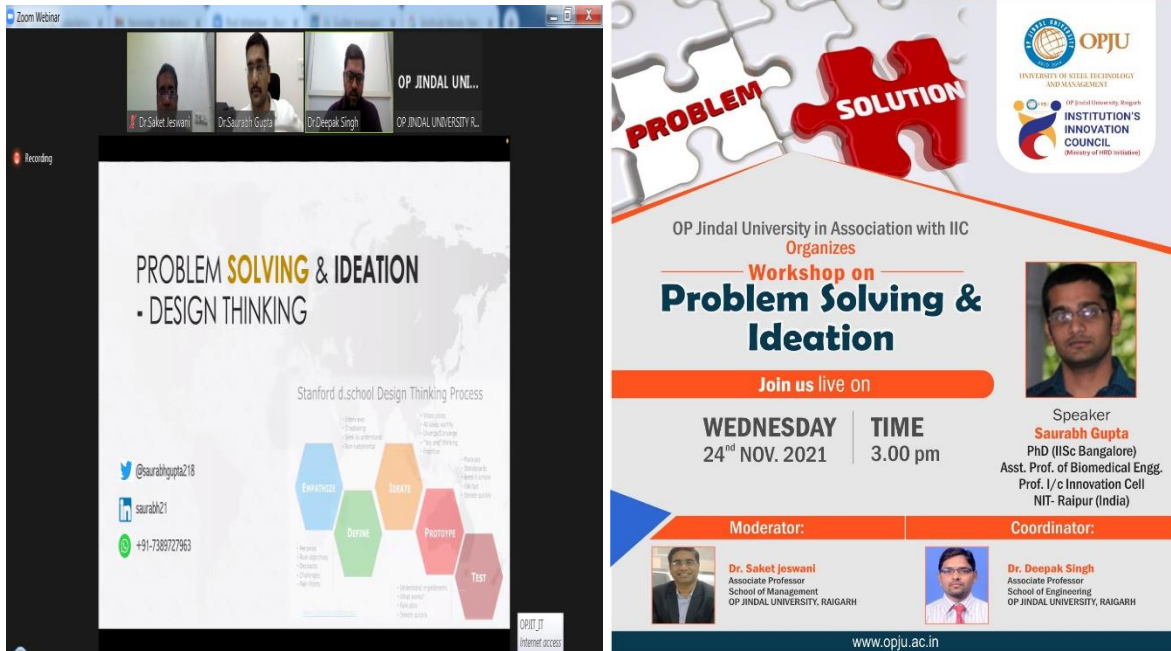
श्रीमती शालू जिन्दल.

सम्मेलन का उद्घाटन इंडियन इंस्टीट्यूट ऑफ़ गवर्नेंस एंड लीडरशिप के चेयरमैन एवं ब्रिक्स चैंबर ऑफ़ कॉमर्स एंड इंडस्ट्री (ब्रिक्स सीआईआई) के उपाध्यक्ष समीप शास्त्री ने किया। उन्होंने अपने संबोधन में कहा कि इनोवेशन सभी क्षेत्र में हो रहे हैं और यह जानना आवश्यक है कि उद्यमिता के माध्यम से सतत विकास में किस तरह से सहयोग

किया जा सकता है। समय तेजी से बदल रहा है और हमें इनोवेशन और उद्यमिता की ओर ध्यान देने की आवश्यकता है। आवश्यकता है कि युवा आगे आएँ और अपने ज्ञान, इनोवेशन और उद्यमिता के माध्यम से तमाम समस्याओं का हल ढूँढ़ें। ऑल इंडिया मैनेजमेंट एसोसिएशन के सहयोग से आयोजित इस अंतरराष्ट्रीय सम्मेलन का उद्देश्य इनोवेशन, उद्यमिता एवं प्रबंधन से जुड़े सभी स्टेक होल्डर्स को एक मंच पर लाना और सतत विकास में उनकी भूमिका पर चर्चा करना है। सम्मेलन में आईसीआरसी, एआईएमए नई दिल्ली की निदेशक डॉ. अनुजा पांडे, उद्यमिता

संस्थान-अहमदाबाद के महानिदेशक प्रो. सुनील शुक्ला, भारतीय उद्योग परिसंघ (सीआईआई) नई दिल्ली के वरिष्ठ सलाहकार आर. साहा, आईआईएम-संबलपुर के निदेशक प्रोफेसर (डॉ.) महादेव जायसवाल, ओपीजेयू के कुलपति डॉ. आरडी पाटीदार एवं सीआईआई के निदेशक व ओपीजेयू में मेटालर्जिकल व मैटीरियल इंजीनियरिंग के विभागाध्यक्ष डॉ. अशोक श्रीवास्तव समेत अनेक गण्यमान्य लोग भाग ले रहे हैं। इस अवसर पर डॉ. पाटीदार ने स्वागत करते हुए कहा कि सतत विकास के लिए इनोवेशन, उद्यमिता पर प्रबंधन ने जीवन की गुणवत्ता पर ध्यान दिया है।

6. Dr Saket Jeswani, & Dr Deepak Singh under Institution Innovation Council (IIC), organized a workshop on “Problem Solving & Ideation” on 24th Nov 2021. The speaker of the seminar was Dr. Saurabh Gupta, Asst. Prof of Biomedical Engg & Prof I/C Innovation Cell, NIT, Raipur and more than 80 students participated in this workshop.

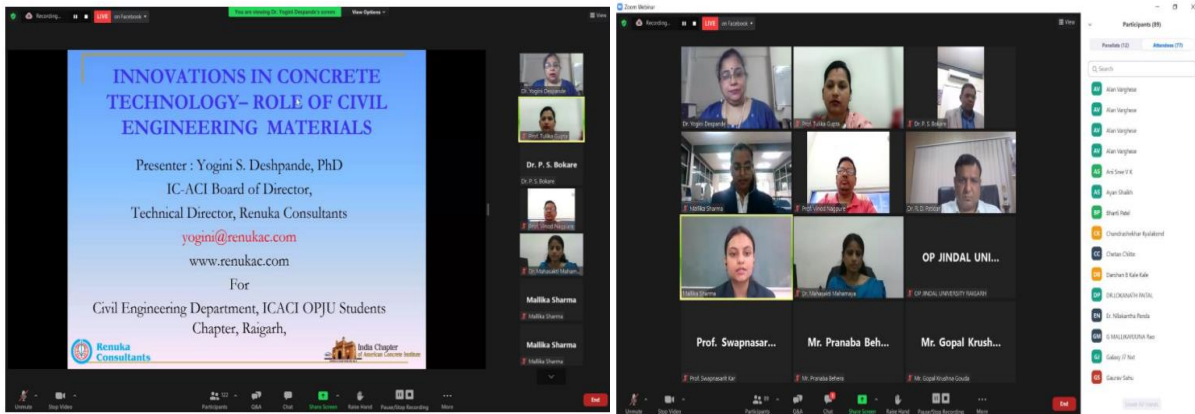


- OP Jindal University, Raigarh - Institutions Innovation Council (under the Ministry of Education's Innovation Cell) organized an Awareness Session On NEP-2020: A Vision for New Horizon on 11th November 2021 on the theme of NEP-2020 in association with NSS. The objective of this webinar was to create awareness about NEP-2020 among faculty, staff and students. The focus of the session was on the new policies and practices of NEP-2020.

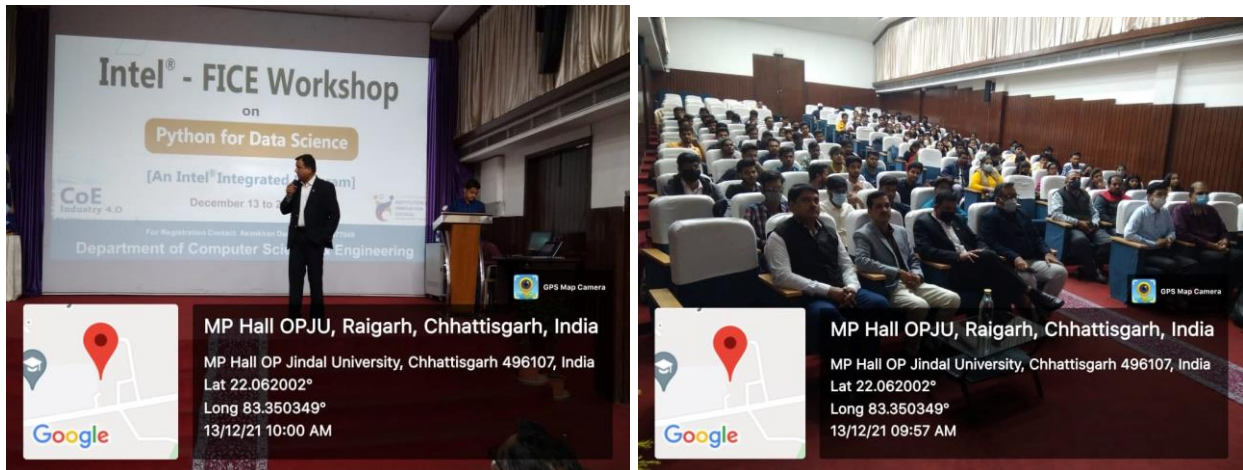


- A workshop has been organized in association with Civil Engineering department and IC-ACI student chapter on 12th Nov, 2021. The Knowledge about the magical concrete was delivered by Dr. Yogini Deshpande. Concrete is the heart of any RCC construction. Speaker delivers very smoothly about the new

technics and innovations in the field of Concrete. Around 170 + students are present and feedback is taken from all attendees



- A workshop has been organized in association with Computer Science & Engineering Department on “Python for Data Science” attended by more than 100 participants. The workshop was jointly organized by Intel-FICE & OPJU from 13th Dec to 24th Dec 2021 and covered the basic and advanced programming of Python.



- OP Jindal University in association with IIC has organized some important celebration activities as mentioned below:

Energy Conservation Day

OP Jindal University, Raigarh - Institutions Innovation Council (under the Ministry of Education's Innovation Cell) organized **Energy Conservation Meet** on **13 December 2021** on the theme of *Energy Conservation in association with NSS and*

NTPC, Lara. The objective of this workshop was to create awareness about energy conservation and impart knowledge about the need and importance of energy conservation among faculty, staff, and students. The focus of the session was on Energy Conservation and how to ensure energy conservation in day to day life



World Pollution Day



OP Jindal University, Raigarh - Institutions Innovation Council (under the Ministry of Education's Innovation Cell) organized 'World Pollution Day' on 24.12.2021, with two events in the University campus. In the first event, the entire fraternity of OP Jindal University planted trees across the campus. In the second event, ideation and presentation by the students were conducted on the theme "Stop Pollution Before it Stops Our Breath". Many student groups presented their ideas from various departments on this topic.





11. Institution Innovation Council in coordination with School of Management organized a workshop on “Achieving Problem-solution Fit & Product-Market Fit” on 14 January 2022, lasted for one hour from 3 PM to 4 PM. The speaker of the workshop was Dr. Balamurugan Annamalai, Assistant Professor, IIM Sambalpur. The Session was hosted by Dr. Saket Jeswani along with Dr. Vikash Kumar.

In the session, Dr. Balamurugan delivered about basics of Marketing, along with VFUD Evaluation framework, and discussed product launch. Also deliberated about cultural difference and its impact on product, how a company adjust their strategies for their same product for different places as per change in culture. The topic is firstly covered at India (National) level and then at the International level and concluded that actually “we are consuming culture”.

School of Management & Institution Innovation Council (IIC)

Organizes

Workshop On

Achieving Problem- Solution Fit & Product- Market Fit

14 Jan (Friday)
3 to 4 PM

Speaker
Dr. Balamurugan Annamalai
Asst. Prof., IIM Sambalpur

Cultural Dimension Insights

What kind of differences do you expect among African consumers?

Country	PDI	IDV	MAS	UAI
Nigeria	H	L	M	M
Ghana	H	L	M	M
SA	M	M	M	M
Egypt	H	L	M	H
Angola	H	L	L	M
Namibia	M	L	M	M
Kenya	H	L	M	M

Group Activity

Assume an MNC sent you to study an African country. Based on the cultural dimensions, share insights on marketing mix/ sales/ promotion in the below template:

Country X has a high/low score in PDI/IDV/MAS/UAI/TO/VIB dimension, this implies that **Hofstede-insights**. This translates to **clear marketing insights**. Therefore, the company may **clear actionable points**.

Example:
Egypt has high score in UAI dimension, this implies that people resist innovation. This translates to increased challenges for new product acceptance from the retailers and consumers. Therefore, the company may need to allot increased budget on trade and consumer promotion during launch.

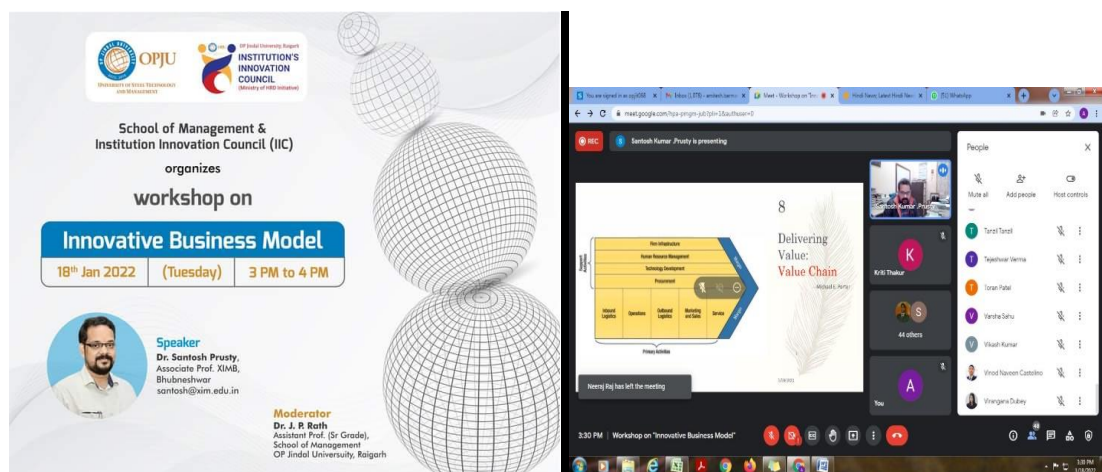
Cultural dimensions of Kenya (new market) is so similar lines with Nigeria & Ghana (existing market)

Balamurugan is presenting

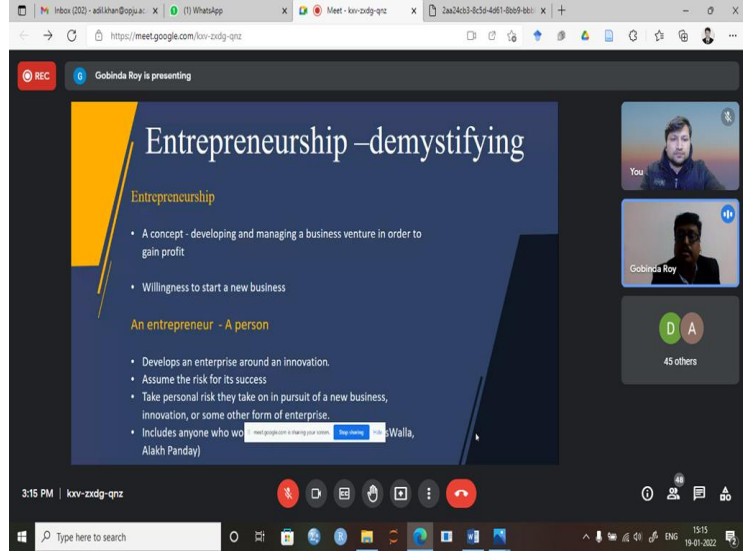
Zoom Meeting Interface:

- REC
- Balamurugan
- You
- Varsha
- SANJAY
- Kushal
- 64 others

12. A workshop on ‘Innovative Business Model’ is organized by the ‘Institution Innovation Council (IIC), OPJU on dt.18.01.2022. The guest speaker for this event was Dr. Santosh Prusty, Associate Professor, XIMB, Odisha. He has around 11 years of academic and administrative experience in IIM, Shillong. Discussions regarding various innovative business models with reference to story, value chain and activities took place. Dr Prusty also explained the impacts of environmental factors on various business models. The issues and challenges also their innovative solutions are described in details. The event was moderated by Dr. Jaya Prakash Rath, (Sr. Assistant Professor), School of Management, OP Jindal University.



13. School of Management and Institutional innovation council (IIC) have organized a Workshop on "Entrepreneurship Skill, Attitude and Behavior Development" on Wednesday, January 19, 3:00 – 4:00pm. This is a part of the series of guest Lectures for MBA Students. The session was conducted by Dr. Gobinda Roy, an Assistant Professor of Marketing at IMI Kolkata. Dr. Roy, is a PhD and MBA from VGSOM, IIT Kharagpur with over 20 years of experience in industry, research and teaching. He is a faculty in the area of marketing and currently teaches Digital Marketing, Service Marketing, Web Analytics, B2B Marketing, etc. The session was moderated by Dr Adil Khan, coordinated by Dr Saket Jeswani and Managed by Mr Amitesh Barman. Total 45 participants have attended the session.



14. Institution's Innovation Council (IIC@OPJU) in association with IEEE and CSI Student Chapter organized an Expert Talk on Understanding Technology Readiness Level (TRL), Innovative Product Development, and Investment Readiness Level (IRL) on 17th January 2022 at 8 PM. It was coordinated by Dr. Mahendra Kumar Shrivastava, in which around 60 participants attended the session. During the event the following topics were covered along with Q/A session at the end:
1. Technology Readiness Level (TRL)
 2. Innovation and Product Development
 3. Role of Advanced Lab Technologies for Scalable Product Development
 4. Technology Transfer to multiple product development sites
 5. Investment Readiness Level (IRL)

Expert Talk on Understanding Technology Readiness Level (TRL), Innovative Product Development, and Investment Readiness Level (IRL)

17 Jan, 2022
8 PM to 9 PM IST

Link to Join the Webinar
bit.ly/3qhyrRE

Speakers: Dr. R. D. Patidar, Dr. Ashok Bhanuall, Dr. Ashutosh Pastor, Dr. Mahendra Shrivastava

Technology Readiness Level (TRL) Process

NASA's quest to make jet engines quieter led to the development of chevrons, which moved relatively quickly through the TRL process to be deployed into the commercial marketplace.

TRL 1-2 (1980s): Fundamental investigations of creating several data, diagrams, etc. to describe operating, basic research in that phase.

TRL 3 (Early 1990s): Publications in serial journals and articles, Lab tests, concept on paper.

TRL 4-5 (1995-1997): Model tests for acoustics and aerodynamics, Sub-scale model tests.

TRL 6 (1998-2000): Full scale tests for acoustics and aerodynamics, Static engine tests.

TRL 7 (2001-2005): Validation of concept in flight, Flight tests, Test design.

TRL 8-9 (2005-now): Certification by the Federal Aviation Administration, Deployed into market.

Credits: NASA, The Boeing Company

15. Department of Mechanical Engineering in association with IIC and Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM) organized an IPR awareness session on the “Intellectual Property Rights (IPR) - Patent & Designs Process” under National Intellectual Property Awareness Mission (NIPAM) on 25th Feb 2022. The speaker of the session Mr. Pankaj P. Borkar, Dy. Controller of Patents & Designs, CGPDTM, DPIIT, Ministry of Commerce & Industry - Govt. of India gave an excellent insight on the “patent and design process”. The session was arranged in hybrid mode and around 350+ participants benefited from the session.

Intellectual Property Rights (IPR) Patent & Designs process
(Under National Intellectual Property Awareness Mission)

Feb 25, 2022
11:00 AM

Speaker: Pankaj P Borkar, Dy. Controller of Patents and Design, RGNIIPM

Chair Person: Dr. R D Patidar, Vice Chancellor, OPJU

Convener: Dr. Siddharth Chakrabarti, Head, Dept. of Mechanical Engineering, OPJU

Coordinator: Dr. Satish Kanhed, Assistant Professor, Dept. of Mechanical Engineering, OPJU

Register in advance for this webinar : bit.ly/3uc4bP0

After registering, you will receive a confirmation email containing information about joining the webinar.

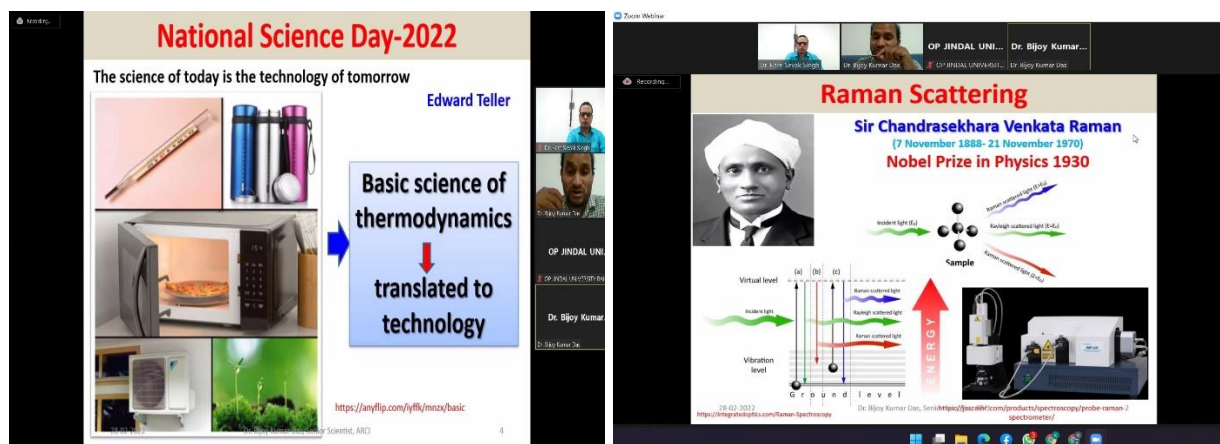
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16. OP Jindal University in association with the Institutional Innovation Council (IIC) and Department of Computer Science Engineering has organized an Internal Hackathon for SIH 2022, on 22nd March 2022.



17. OP Jindal University (OPJU) in association with the Institution’s Innovation Council at OPJU organized an online webinar on “Role of Science in Our Daily Life” and was attended by more than 50 participants. Participants were faculty members, research scholars, industry professionals, and students from academia and industries.

Dr Bijoy Kumar Das, Senior Scientist at International Advanced Research Centre for Powder Metallurgy and New Materials, Chennai, was invited as the key speaker. Dr Das is a multi-skilled professional with wide experience and responsible for development of science and technology. Dr Ram Sevak Singh, Associate Professor, Department of Physics, OP Jindal University welcomed the speaker and discussed the importance of science and innovation along with the key objectives behind organizing the webinar.



18. The Community Innovation Challenge is an initiative of the Institute innovation council (IIC) to help unleash our immense strength and potential for innovation, especially among the younger generation. The focus of the challenge is the community around the students and the innovations must be directed towards a very clear goal: To improve the quality of life of community members on any aspect, be it physical, social, cultural or economic. The details are mentioned in the website <http://innovationchallenge.in/> to know the different areas of innovation ideas.

Community Innovation Challenge (CIC) 2021-22

WHO CAN PARTICIPATE?

- Students of class X, XI, XII & Engineering Diploma final year;
- Students from any streams can participate (Arts/ Science/ Commerce/ Humanities/ Engineering Diploma)
- Maximum 2 Students per team

HOW TO PARTICIPATE?

Step 1: Think of an idea that can solve a problem of community/your surrounding. It has to be a practical solution that can be implemented in real life.

Step 2: Check your idea by discussing with your friends/ teacher/ guide. Start working on your project along with summary of your idea.

Step 3: Submit your idea at www.innovationchallenge.in OR www.opju.ac.in/CIC OR cic@opju.ac.in

Win Cash Prizes worth ₹ 65,000 /-

- Winners to get Cash Prizes worth Rs. 65,000 /-
- E- Certificate to all the participants
- "Campus with an Innovation Mindset" Award to Best School
- Best Teacher Award to Mentor of Winning Team

IMPORTANT DATES

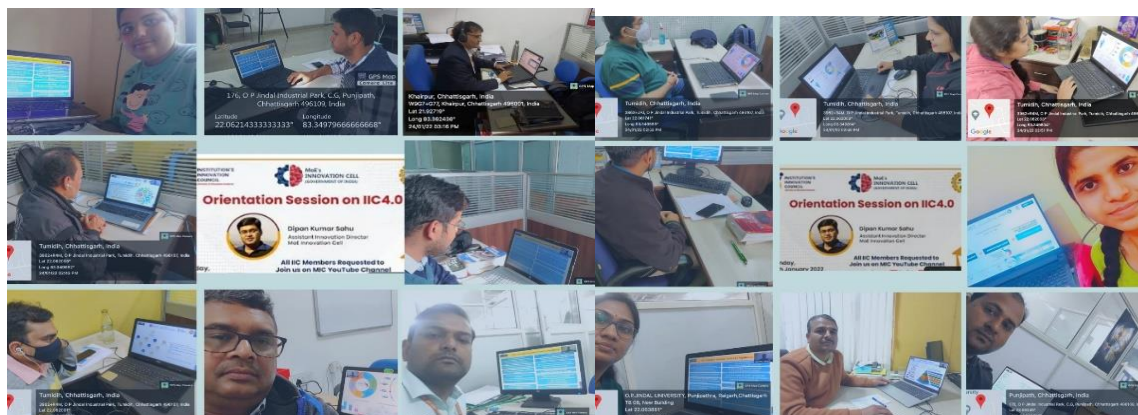
- Last date to register online : 30th Jan'22
- Last date for submission of Idea : 15th Feb'22
- Declaration of Result : 1st March'22

OP JINDAL UNIVERSITY
 OP Jindal Knowledge Park
 Punjipathra, Raigarh (C.G.)- 496109
cic@opju.ac.in 07767254000

To Register Visit
www.opju.ac.in/cic.php
Helpline No. : 1800 12000 8090



19. Faculty and students of OP Jindal University, Raigarh, Chhattisgarh attended the Orientation Session on IIC 4.0 & Features – MoE’s Innovation Cell on 24th January 2022. The event was hosted by Dr. Dipan Sahu, Asst. Innovation Director, Ministry of Education’s Innovation Cell & AICTE, Government of India.



20. A Lecture on 'Entrepreneurial Opportunities in Science' was organized by School of Science, OPJU in association with IIC. The objective of organizing the lecture was to make the youth aware of entrepreneurship to promote the spirit of self-reliance and self-reliant India. Dr Seshadev Nayak (Professor and Associate Dean- School of Management) guest and keynote speaker of the program gave a succinct and useful lecture on the topic 'Entrepreneurial Opportunities in Science' through his presentation and live examples. Dr. Nayak in his lecture gave detailed information about all the

things related to entrepreneurship and how it can be easily adopted, as well as easily answered the questions asked by the participants.



21. OP Jindal University in association with IIC has organized TECH LAB- a part of Technorollix 2022 (Grand fest). Participants across the nation showcased their models in the form of working, non-working and application development categories. Participants got recognition across respected delegates from Industries like JSPL, JPL, NTPC, SSD. Event was held on 30th March, at OP Jindal University campus, Punjipathra.

Mr Alok Gupta, Executive Director, NTPC, LARA inaugurated the event. Honourable Vice Chancellor, OPJU Dr RD Patidar, Mr Sameer Sharma, NTPC and Mr RD Katre, Vice president, JPL were present during inaugural ceremony and provided valuable input to the participants. Total 82 Teams and more than 280 students had registered for the event. The event was coordinated by Dr Deepayan Priyadarshi (Asst Prof, Civil Engineering department).



22. Institution Innovation Council in coordination with School of Management organized a "VIRTUAL INTERNATIONAL CONFERENCE" On, Innovation & Research in Science and Technology for Sustainable Development, May 27-28, 2022. Original contributions from researchers, describing their unpublished work addressing the state-of-the-art research were presented.

VIRTUAL INTERNATIONAL CONFERENCE
On
Innovation & Research in Science and Technology for Sustainable Development
May 27, 2022 | 10:00 AM to 11:00 AM
Inaugural Function

Chief Guest

Dr Rajesh Kumar Gupta
Distinguished Scientist and Associate Director-Advanced System Laboratory, DRDO, Hyderabad

Guest of Honour

Ms Shalini Jindal
Chancellor, OP Jindal University, Raigarh

Dr. R. D. Patidar
Chairman-ICRST 22 & Vice-Chancellor, OP Jindal University, Raigarh, CG

Dr Sunita Gautam
Ministry of Science and Technology, New Zealand

Dr Anil Gupta
Minister of Science, Government of Karnataka, Government of Karnataka, Ministry of Science and Technology, Bengaluru

Mr Nitin Mogra
Vice President of Indian Institute of Technology, Kharagpur, India, IIT KGP

Dr Ranjay Kumar Rastogi
Vice-Chancellor, Kalinga University, Odisha

Organizing Committee

Mr Anuraag Vatswargiya
Registrar, OP Jindal University, Raigarh

Dr Girish C. Mishra
Assistant Dean-SCS, OPJU

Dr S. K. Singh
Coordinator

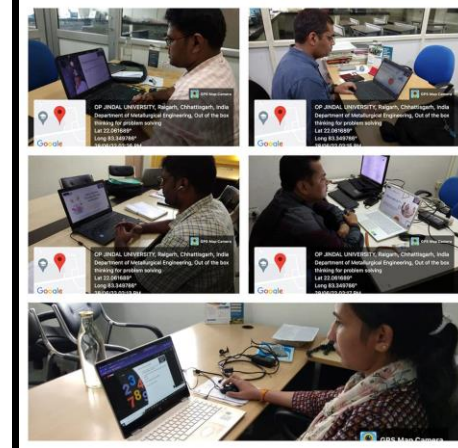
Dr Ankur Rastogi
Coordinator

Link to join the session : bit.ly/3wNWwr3

Organized by : School of Science
OP Jindal University



23. An online Session on “Out of the Box Thinking for Problem Solving” was organized as an MIC driven activity under IIC-OPJU on 28th June, 2022. Prof. V. Kamakoti, Director, IIT madras has provided information regarding the newly launched course . The activity has been coordinated by Dr. Trinath Talapaneni, Member, IIC-OPJU.



24. OP Jindal University, Raigarh in association with Research Development Cell, Academic Staff College & Institutional Innovation Council has conducted a webinar titled “Intellectual Property Rights and its importance” on 1st August 2022 in online mode. The webinar was delivered by Dr. Tapas Bandyopadhyay, Professor, IIT Kharagpur. More than 125 participants have been leveraged by this webinar.

Research & Development Cell (RDC), OPJU Presents
Webinar On
Intellectual Property Rights and its importance
 in association with Academic Staff College and Institution's Innovation Council, OPJU
Aug 1, 2022 03:30 PM
Speaker
 Prof. Tapas Bandyopadhyay
 Associate Professor,
 Dept of Metallurgical and Materials Engineering,
 IIT Kharagpur
Moderated by
 Dr. Sibnath Kayal, Member, R&D Cell, OPJU
 Dr. J.P. Rath, Member, R&D Cell, OPJU

Features of Intellectual Property Rights

- ✓ Creation of Mind
- ✓ Exclusive Right—Negative right or Positive right
- ✓ Monopoly Right??
- ✓ Limited Period Right
- ✓ Territorial Right
- ✓ Property Right??
- ✓ Private Right except GI

Economics of Intellectual Property Rights

- ✓ Encourage Investment
- ✓ Recoup Sunk Cost
- ✓ Reduce Duplicity in R & D
- ✓ Reduce Transaction Cost
- ✓ Dissemination of Knowledge
- Monopoly Right?
- Competitive abuse
- Marginal cost vs Marginal benefit
- Social Cost

Switzerland remains the world's leader in innovation for the 10th consecutive year. A consistent producer of high-quality innovation outcomes, it improves its patents and restores capital flows. Source: <https://www.eurostat.ec.europa.eu/press-releases/2022/07/2022-07-14>

Economic theory demonstrates that intellectual property rights can play a role either positive or negative on economic growth and development. Source: <https://www.researchgate.net/publication/351111111>

25. The Department of Mechanical Engineering in association with IIC@OPJU is organizing its 2nd National Level Online Quiz Competition on "Green Technology" in association with SESI, SAE India Collegiate Club, ZYPP, CREDA, and IEEE OPJU Chapter on 28th August, 2022 for the B.Tech students of all branches and industry professionals. The 1st quiz was organized last year in the month of May 2021.



26. IIC OP Jindal University received the "**Best Creative Poster Award**" at Institution's Innovation Council (IIC) Regional Meet, Kolkata conducted by the Ministry of Education (#MoE) and #AICTE, New Delhi, and organized at GNIT, Kolkata on 2nd Aug 2022.

The meet was attended by 90+ IIC institutes/Universities & 400+ participants that included IITs, NITs, and IIMs and institutes from Odisha, Chhattisgarh, Jharkhand, West Bengal, and others covering the eastern region of the country.

The council is playing an instrumental role in creating and sustaining the movement of Innovation and Startup culture development at the University.

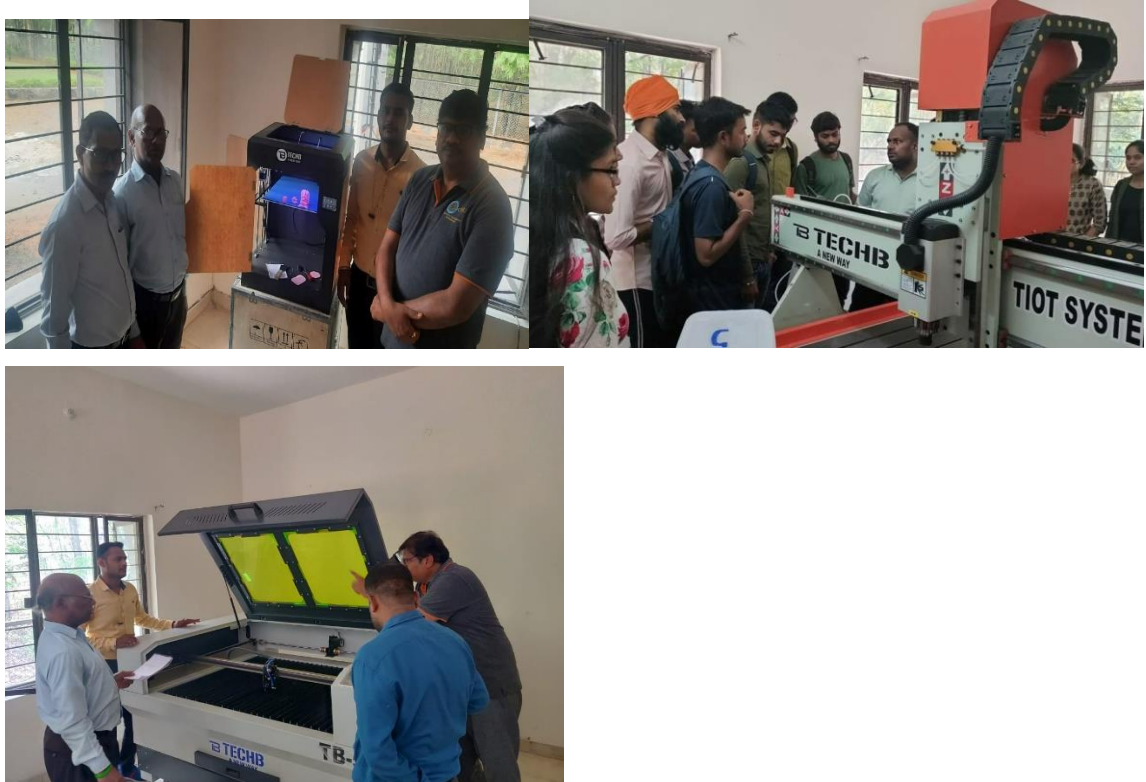


27. Institute Innovation Council, OP Jindal University in association with the "Centre for Industry-Academia Collaboration" has organized a webinar on "Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs". Speaker: K. Prabhakaran
Professor-Finance & Entrepreneurship Em-paneled Resource Person- SEBI, NCFE & NCDEX Founder Director - Edify EdTech

OP Jindal University, Raigarh
Institution's Innovation Council
 In Association with
"Centre for Industry-Academia Collaboration"
 Presents
Online Session on
Angel Investment/VC Funding Opportunity
for Early Stage Entrepreneurs
29.07.2022
04:00 PM
Speaker :
Dr K. Prabhakaran
 Professor-Finance & Entrepreneurship
 Em panelled Resource Person- SEBI, NCFE & NCDEX
 Founder Director - Edify EdTech
Coordinator :
Prof. Bhupendra Tripathi
 Assistant Professor
 School of Management, OPJU
Moderator :
Dr. Trinath Talapaneni
 Assistant Professor (Sr. Grade)
 School of Engineering, OPJU

The screenshot shows a Zoom meeting with a presentation slide titled "Venture Capital and Angel Financing By Dr.K.Prabhakaran". The slide also features a "START UP" graphic. The Zoom interface shows three participants: Prof. Bhupendra Tripathi, Dr. Trinath Talapaneni, and Dr. K. Prabhakaran.

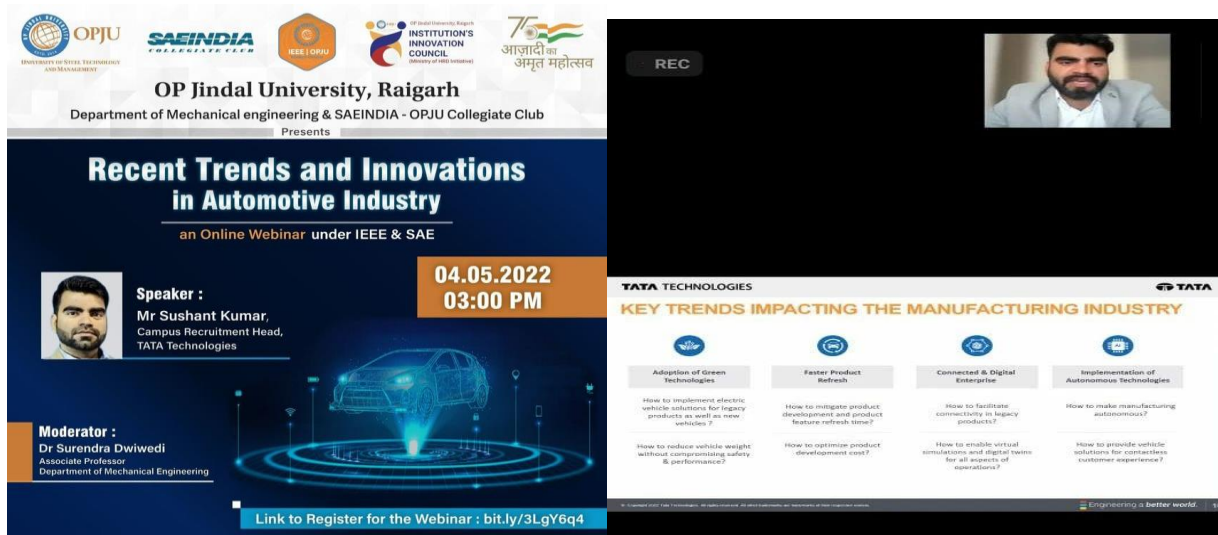
28. The Department of Mechanical Engineering in association with the Institution Innovation Council (IIC) has organized a one-day visit to the OPJU innovation center (Incubation Unit) on 6th June 2022. The students got an opportunity to understand the technology adopted in using CNC Router, Laser Engraver, and 3D Printing. They also got hands-on experience in working on these machines. The center will provide support to student start-ups by incubating them. It also organizes various programs such as Start-up Bootcamp, Pitch Competition, and Start-up Expo. Around 30 participants within and outside OPJU benefited from the visit.



29. OP Jindal University in association with Institutions Innovation Council organized session on "Research and Innovation Awareness" on 23 July 2022. The resource person for the talk, Dr R D Patidar, Vice Chancellor & President, IIC, OPJU gave the brief on the research and innovation awareness for the faculty members.

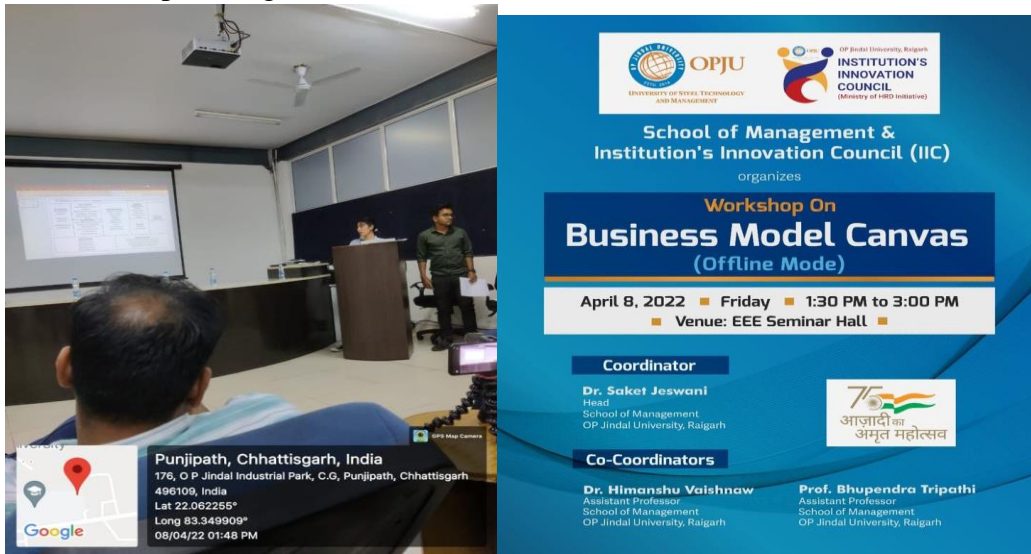


30. Department of Mechanical Engineering in association with Institute innovation council and SAEINDIA Collegiate club of OPJU organised an online webinar on "Recent Trends and Innovations in Automotive industry", with the objective of giving exposure to the ongoing technological developments and challenges in mobility sector. The talk was delivered by Mr Sushant Kumar, Campus Recruitment head, TATA TECHNOLOGIES, proved to be beneficial for young budding engineers shaping their career in the automobile sector.



31. School of Management of OP Jindal University has organized a Workshop on Business Model Canvas in association with Institution's Innovation Council on April 8, 2022 for the students of OP Jindal University. Students from different specialization presented

their Business Model to quickly and easily define and communicate their business idea or concept through Business Model Canvas.



32. A team of OPJU students and faculty members visited the workshop site of KOSA silk and Kansa workshop, Pussore to understand the traditional design. The visit gave the students exposure to this wonderful art of Chattisgarh, India

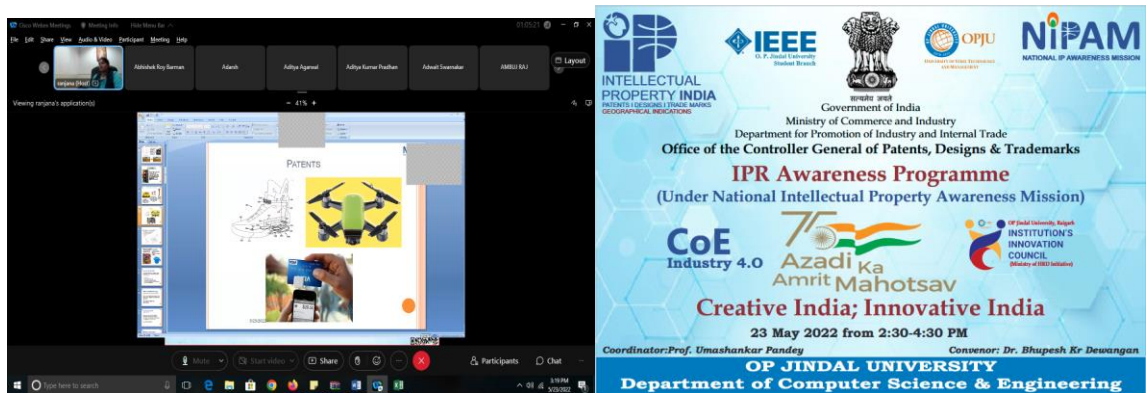


33. School of Management with Institutional innovation Council OP Jindal University jointly organized a workshop on "How to plan for startup: legal and ethical steps" on 29th April, 2022. The purpose of the workshop was to orient the students towards the entrepreneurial ventures.

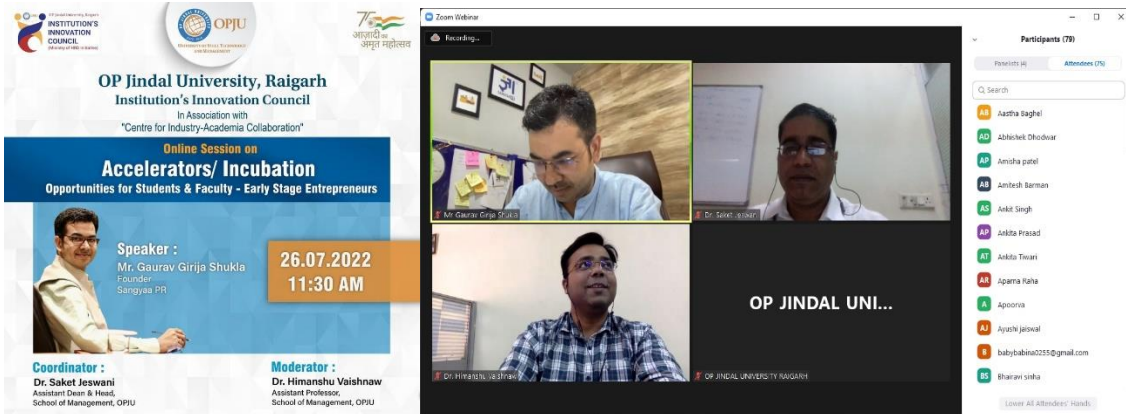


34. Institutional Innovation Council, O P Jindal University in association with Centre for Industry-Academia collaboration jointly organized an online panel discussion Session on “Enabling Start-Up Ecosystem” on 28th July 2022 (Thursday). The panel discussion is based on the three themes for each theme there is a 25 minutes of discussion and 5 minutes of general QnA. Total time for the session is 90 minutes. However, the session lasted for around 2hrs. The theme of the discussion is a) What is start-up ecosystem? Importance of Such ecosystem? b) How it can be established/formed/created? Role of stakeholders. c) How a Student/ faculties/ society may get benefitted from the start-up ecosystem? Future prospects of such system in the growth of nation. 10 years ahead benefits of such system to upcoming generation.

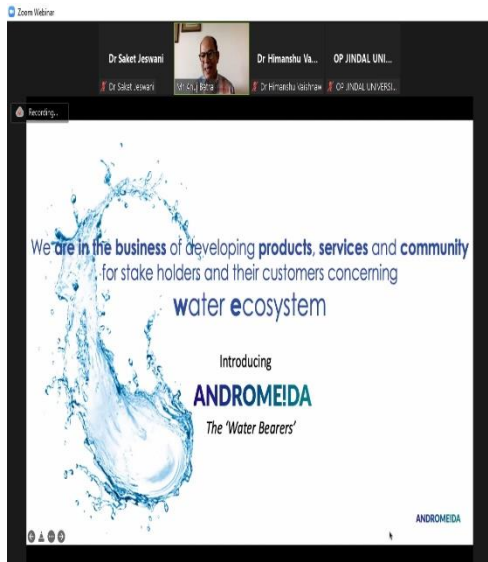
35. Department of Computer Science and Engineering and IIC has organized “Intellectual Property Awareness Program” under NIPAM on 23 May 2022 from 2.30 pm to 4.30 pm. This program is for all under graduate, and post graduate program students and teaching and non-teaching staffs. The speaker provides knowledge about patentable things, design and concept, filing process, examination and hearing and grant process.



36. Institution's Innovation Council - OP Jindal University in association with Centre for Industry-Academia Collaboration has organized an Online Session on "Accelerators/Incubation: Opportunities for Students & Faculty - Early Stage Entrepreneurs" on July 26, 2022 from 11:30 AM. The program will help the early stage entrepreneurs to change their business ideas into reality.







37. An innovative idea may enhance the chance to create a successful startup. Institution Innovation Council (IIC OPJU) in association with Centre of Industry-Academia collaboration has organized a webinar. Topic: Innovation/Prototype Validation: Converting Innovation into Startup Date and Time: Jul 27, 2022 15:00 India. The event happens to be part of Entrepreneurship week.



38. Institutional Innovation Council at OP Jindal University has appointed Innovation Ambassadors who have attended a series of training programs organised by IIC-MoE's Innovation Cell and playing an active role to guide students on IPR, Innovation and Entrepreneurship, Institutions Innovation council of MoE's Innovation Cell. The beneficiaries of these training programs will join the network as "IIC-Innovation Ambassador" and perform the role of mentor in their respective IICs, will provide support to other IICs as resource person in organising various programs related to innovation and startup and spread the message of innovation & start-up among the students and faculties.

S.No.	Name	Email
1	Dr. I.A. Qadri	imran.quadri@opju.ac.in
2	Dr Vikas Kumar	vikash.kumar@opju.ac.in
3	Prof Uma Shankar Pandey	umashankar.pandey@opju.ac.in
4	Dr Swapnasarit Kar	swapnasarit.kar@opju.ac.in
5	Mr Bhupendra Tripathi	bhupendra.tripathi@opju.ac.in
6	Dr Himanshu Vaishnaw	himanshu.vaishnaw@opju.ac.in
7	Dr. Rekha Sharma	rekha.sharma@opju.ac.in
8	Dr Satish Kanhed	satish.kanhed@opju.ac.in
9	Dr Sanjay Singh	sanjay.singh@opju.ac.in
10	Dr Deepayan Priyadarshi	deepayan.priyadarshi@opju.ac.in
11	Dr. Trinath Talapaneni	trinath.talapaneni@opju.ac.in
12	Dr R. S. Singh	rs.singh@opju.ac.in
13	Dr Sandeep Biswal	sandeep.biswal@opju.ac.in

Few Snapshots of IA Ambassadors engaged in internal and external activities


Presents

Innovation ambassador Expert lecture

Application of Emotional Intelligence in Human Resource Development

Sep 22, 2022
12:40 - 01:30 PM
@OP Jindal University, Raigarh

Speaker
Dr. S. K. Singh
Professor- Humanities,
School of Science, OPIU









Presents

Innovation ambassador Expert lecture

Understanding Nanotechnology for a Better Future

Sep 21, 2022
04:00 PM
@OP Jindal University, Raigarh

Speaker
Dr. Ram Sevak Singh
Associate Professor,
School of Science, OPIU









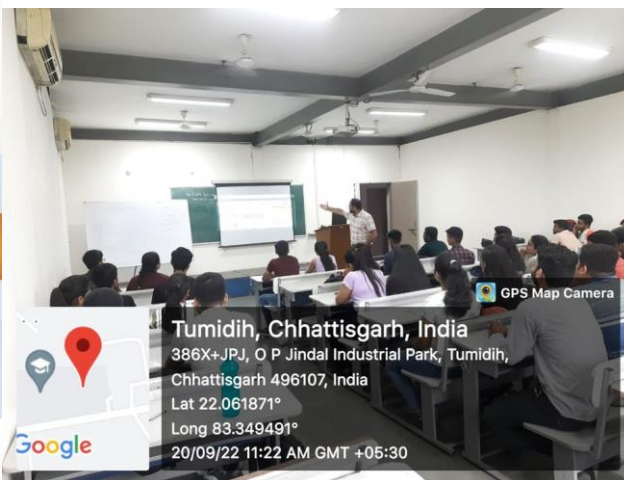
Presents

Innovation ambassador Expert lecture

National Innovation and Startup Policy (NISP): Guiding Framework for HEIs

Sep 20, 2022
04:00 PM
@OP Jindal University, Raigarh

Speaker
Dr. Vikash Kumar
Assistant Professor,
School of Management, OPIU



39. The 2022 World Environment Day campaign #OnlyOneEarth calls for collective, transformative action on a global scale to celebrate, protect and restore our planet. OP Jindal University urges you to do your part too, to ensure a cleaner, greener, and happier future for us and our future generations.



40. OP Jindal University Celebrates "Innovation & Entrepreneurship in HEIs for Aatmanirbhar Bharat & Celebrating 75 Years of Independence -Azadi Ka Amrit Mahotsav" By Organizing an Essay writing competition on "Industrial development of India after Independence and the Way Forward" in association with the Institution Innovation Council on 07-8-22. The event was also marked with a plantation drive and distribution of the Indian Flag to women of the adopted villages.



41. OP Jindal University in association with IIC and OPJU innovation Centre has organised “Entrepreneurship Day” and further the week to Create awareness among the students regarding the utility of advanced instrument in prototype making. Students understood the benefit of Laser cutting machine, CNC Router and 3D printing machine in prototype manufacturing.



OP Jindal University, Raigarh
Institution's Innovation Council
In Association with
"Centre for Industry-Academia Collaboration"
Presents

Entrepreneurship Week
July 26 to 28, 2022

July 26, 2022 Accelerators/ Incubators:
Opportunities for Students & Faculty- Early Stage Entrepreneurs
Speaker:
Mr. Geurav Girija Shukla
Founder, Sangosia PR

July 27, 2022 Innovation/Prototype Validation:
Converting Innovation into Start-up
Speaker:
Mr. Anuj Batra
Co-Founder, Andromedia Maritime Solutions

July 28, 2022 Panel Discussion on Enabling Start-up Ecosystem
Speakers:
Mr. Amit Singh
Wadhvani Foundation
Dr. Neeraj Jain
SOSITS, Indore
Mr. Amit Pradhan
Rokunote Your Project Management LLP



**World
Entrepreneurs Day**
Aug 21, 2022

"Never be limited by
other people's limited
imaginations"

OP Jindal University is celebrating
the occasion and conducting
a workshop on

Prototyping for Hardware Start ups
Organized by
OPJU Innovation center

Date
22nd Aug, 2022

Co-ordinator
Dr Deepayan Priyadarshi





42. Smart India Hackathon 2022 is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. OP Jindal University Hackathon team #CyberKnight has participated in "Smart India hackathon 2022".

The banner for the Smart India Hackathon 2022 features the following information:

- Ministry of Education** (Government of India)
- SMART INDIA HACKATHON 2022**
- 75 Azadi Ka Amrit Mahotsav**
- Organizers:** MoE's INNOVATION CELL (GOVERNMENT OF INDIA), AICTE, Persistent, and a logo with a lightbulb.
- Broadcast Partner:** G and IIT Bombay.
- Partner:** aws and Shell.
- #SIH Senior Software Edition**
- GRAND FINALE 2022** (August 25-26)
- TEAM NAME:** Cyber_Knight, Chhattisgarh, Raigarh
- Org. Name:** OP Jindal University
- PS ID:** GM750
- TEAM DETAILS:** Abhishek Agrawal, Shikhar Lohiya, Monal Singh, Sushant Mishra, Vedika Agrawal, Kheersagar Parja, Prof. Nitesh Bharadwaj, Prof. R. N. Shukla
- www.sih.gov.in**



43. Team "VIDYUT" from OP Jindal University have reached Buddh International Circuit, Greater Noida with their "F1 Car" and participated in SAE-SUPRA student formula contest.

The car is entirely designed and fabricated by the students. The vehicle got 34th rank out of 132 teams and performed well and the only team from Chhattisgarh who have reached the final round.

