



BULLETIN

Jodhpur City Knowledge and Innovation Foundation's
Newsletter

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AN INTERACTIVE SESSION ON INTELLECTUAL PROPERTY RIGHTS

Jodhpur City Knowledge and Innovation Foundation and IIT Jodhpur jointly organized an interactive session on **Intellectual Property Rights (IPR)** on Dec 21, 2022 in Jodhpur Club Auditorium, IIT Jodhpur.

Left to Right: Prof. S. R. Vadera, Prof. Prabuddha Ganguli, Prof. Unnat P. Pandit, Prof. Santanu Chaudhuri and Dr Yashawant Panwar

Prof. (Dr) Unnat P. Pandit, Controller General of Patents, Designs and Trademarks, Govt of India was the Chief Guest of the event. Prof. Santanu Chaudhury, Director IIT Jodhpur and Chairman BoDs, JCKIF presided over the function. Dr G. S. Toteja, Chief Executive Officer, JCKIF welcomed all the participants and explained the objective of IPR Session. Prof. S. R. Vadera, Deputy Director IIT Jodhpur in his opening remarks stated the significance of IPR in the field of Science & Technology.



Prof. Prabuddha Ganguli,
CEO, Vision-IPR and
Advisor and Visiting Professor IIT Jodhpur



Prof. Santanu Chaudhury,
Director, IIT Jodhpur and
Chairman, Board of Directors, JCKIF



Prof. S. R. Vadera,
Deputy Director,
IIT Jodhpur

AN INTERACTIVE SESSION ON IP DRIVEN SOLUTION FOR SOCIO-ECONOMIC DEVELOPMENT OF BHARAT

Prof. (Dr) Unnat P. Pandit, Controller General of Patents, Designs and Trademarks, Govt of India, delivered a talk on “IP Driven Solution for Socio-economic Development of Bharat”. Prof. Prabuddha Ganguli, CEO, Vision-IPR and Advisor and Visiting Professor IIT Jodhpur gave a talk on “Role of Institutions of Higher Learning to enhance India’s Position in the Global Innovation Index”



Hon'ble Chief Guest ,Prof. (Dr) Unnat P. Pandit, Controller General of Patents, Designs and Trademarks, Govt of India



Dr Mohit Gambhir, Director, Ministry of Education Innovation Cell, Govt of India



Dr Yashwant Dev Panwar, Scientist F and Head, Patent Facilitation Center Technology Information Forecasting and Assessment Council

Dr Mohit Gambhir, Director, Ministry of Education Innovation Cell, Govt of India spoke about the history of innovations coming from Silicon Valley, USA and enlightened the audience about the role of Patents in the growth of companies such as Google and Hewlett Packard. Dr Yashwant Dev Panwar, Scientist F and Head, Patent Facilitation Center (PFC), Technology Information Forecasting and Assessment Council spoke about the role of PFC in providing technical, financial and legal support in filing for Intellectual Property.

More than 260 participants including the craft artisans from the unorganized sector, exporters, faculty members, staff and students from various institutes of Jodhpur, such as IIT Jodhpur, Dr Sarvepalli Radhakrishnan Rajasthan Ayurveda University, AIIMS, Agriculture University, NIFT, MBM University, JNV University, ICMR-NIIRNCD etc attended the event.



Participants interacting with the speakers

Many participants discussed issues regarding IPR such as the role of Patent facilitation centers, GI tagging, Patent expiry and renewal, Intellectual property filing and sharing across states, and steps towards marketing and commercialization of Intellectual property. Overall the event was well appreciated by the participants.

Prof. Santanu Chaudhury in his concluding remarks appreciated the participants for their lively discussion and suggested that all local institutes of Jodhpur should come under the umbrella of JCKIF to work jointly for addressing various issues related to IPR.



A view of Auditorium during the session



**Dr G.S. Toteja
Chief Executive Officer, JCKIF**



**Dr Monika Tanwar,
Asst. Professor, SME IIT Jodhpur**

Dr Monika Tanwar, Assistant Professor, School of Management and Entrepreneurship, IIT Jodhpur gave the vote of thanks. Overall the event was orchestrated by Dr G. S. Toteja, Chief Executive Officer, JCKIF along with his team.

Know more here: <https://jckif.iitj.ac.in/pages/category-blog/75-interactive-session-on-intellectual-property-rights-ipr>

MEMORANDUM OF UNDERSTANDING SIGNING



Jodhpur City Knowledge and Innovation Foundation (JCKIF), **IIT Jodhpur** and Kolkata based social organization **Contact Base (BanglaNatak)** signed an MoU on December 15, 2022 by Prof. Santanu Chaudhury (Director IITJ), Dr G. S. Toteja (CEO, JCKIF) and Mr. Amitava Bhattacharya (Director, Contact Base). Prof. S. R. Vadera (Dy. Director IITJ) and staff of JCKIF were present during the MoU signing ceremony.

IIT Jodhpur, Jodhpur City Knowledge and Innovation Foundation and Contact base will work as knowledge partners in research on culture & development and development of knowledge material.



Dr G. S. Toteja, Prof. Santanu Chaudhury and Mr Amitava Bhattacharya signing the MoU



Dr G. S. Toteja, Prof. Santanu Chaudhury, Mr Amitava Bhattacharya, Prof. S. R. Vadera with JCKIF staff members

THAR TALK SERIES: AI AND BEYOND

Thar Talk Series: AI and Beyond is organized by School of Artificial Intelligence and Data Science, IIT Jodhpur in coordination with Jodhpur City Knowledge and Innovation Foundation. This webinar series aims to organize webinars on the role of Artificial Intelligence and Data Science techniques in solving the current problems and shaping the future technological landscape of various fields of science and engineering.

The 13th talk of Thar Talk Series was organized on 16th November 2022 on “Geographical Genomics and Predictive Health” by Prof. Greg Gibson Professor, School of Biology Georgia Institute of Technology.

Greg Gibson is Regents Professor of Biological Sciences at the Georgia Institute of Technology in Atlanta, Georgia, USA. He received his BSc from the University of Sydney in 1984, and PhD from the University of Basel in 1989.

13th Talk
16 Nov 2022



Prof. Greg Gibson
Professor, School of Biology
Georgia Institute of Technology

Prof. Gibson worked for a decade in developing genomic and transcriptomic methods to study complex traits in the fruitfly, He turned his attention to human genetics with a study of nomad-to-urban transitions in Morocco. At Georgia Tech, since 2009, his research has largely focused on integrative genomics studies of inflammatory bowel disease and wellbeing.

Human genome analysis is revolutionizing medicine by enabling precision diagnosis of congenital conditions; supporting therapeutic interventions for cancer, metabolic and immune health; and to some extent predicting health and wellbeing. Much of the progress is based on analysis of whole genome sequences and the development of so-called Polygenic Risk Scores. However, genes always interact with the environment. During the talk Prof. Gibson discussed strategies for combining genome and gene expression studies, including single cell genomics, to study how cultural, geographic, and lifestyle choices modify our genetic predispositions.

Thar Talk Series Previous Talks

1st Talk Brain Science



Prof. Andrew B Schwartz
Distinguished Professor & Endowed
chair in system Neuroscience University
of Pittsburgh

2nd Talk Brain Science



Prof. Miguel Nicolelis
Duke School of Medicine, Professor in
Neuroscience. Department of Neurology,
Biomedical Engineering

3rd Talk Brain Science



Prof. Gordon Cheng
Chair Professor of Cognitive System, Institute
for Cognitive System, Dept. of Electrical and
Computer Engineering, Technical University
of Munich

4th Talk Intelligent Infrastructure



Prof. Srinivas Peeta
Principal Research Faculty
Georgia Institute of Technology

5th Talk Intelligent Infrastructure



Prof. Satish Ukkusuri
Professor, Transportation and
Infrastructure System Engineering
Group, Lyles School of Civil Engineering
Purdue University

6th Talk - Mathematical and Computational Economics



Prof. Nozomu Muto
Professor, Department of Economics,
Yokohama National University,
Japan

7th Talk Digital Heritage



Prof. Sarah Kenderdine,
Lead: Laboratory for Experimental Museology
(eM+) Director & lead curator: EPFL Pavilions
(formerly ArtLab), EPFL, Switzerland

8th Talk Chemical Process Modeling



Prof. Ali Mesbah
Department of Chemical and
Biomolecular Engineering, University of
California Berkeley

9th Talk DNA Modeling



Dr. Emily Ieproust
CEO and Co-founder,
Twist Bioscience

10th Talk Intelligent Infrastructure



Prof. M.Z. Naser
Assistant Professor, Glenn Department of Civil
Engineering, AI Research
Institute for Science and Engineering, (AIRISE),
Clemson University, Clemson, SC, USA

11th Talk Smart Health



Prof. John A. Rogers
Simpson/Querrey Professor,
Northwestern University

12th Talk Brain Science



Prof. Vince D. Calhoun
Founding Director & Distinguished
University Professor, Center for
Translational Research in Neuroimaging
and Data Science

VISITS @ JCKIF

Visit of Senior Academic Delegation from University at Buffalo, New York, United States

IIT Jodhpur had recently signed an MOU with the University at Buffalo for broader multi-institutional collaborative research. IIT Jodhpur also signed MOU for Joint PhD program in the Computer Science and Engineering. In order to further strengthen the collaboration and expand the Joint PhD programs to additional disciplines, a senior academic delegation from UB visited IIT Jodhpur on December 2, 2022.



MoU signing ceremony at University at Buffalo on 17 May 2022

During their visit, they interacted with local artisans from Bone & horn craft cluster JCKIF is working with and experienced the essence of indigenous crafts of Jodhpur and around.



Dr Mark T. Swihart and Dr Johannes Hachmann from UB interacting with Mr Kamal Kishore Soni, Bone and Horn artisan from Jodhpur

Visit of Prof. Gregory Gibson, Biological Sciences, Georgia Institute of Technology, USA

Jodhpur City Knowledge and Innovation Foundation (JCKIF) sponsored the visit of Prof. Gregory Gibson, Professor, School of Biological Sciences at the Georgia Institute of Technology, USA to IIT Jodhpur from December 12-14, 2022.

As part of his 3-day visit, Prof. Gibson interacted with the Faculty and scholars at IIT Jodhpur and delivered a public lecture.

He also visited JCKIF and was happy to know about the ongoing activities of JCKIF and provided useful feedback.



Visit of Hon'ble Vice Chancellor, Dr Sarvapalli Radhakrishnan Rajasthan Ayurveda University

Jodhpur City Knowledge and Innovation Foundation (JCKIF) hosted a delegation from Dr Sarvapalli Radhakrishnan Rajasthan Ayurveda University (DSRRAU) on December 30, 2022 at JCKIF premises. The meeting was chaired by Prof. Pradip Kumar Prajapati, Vice Chancellor DSRRAU and Dr G. S. Toteja, CEO JCKIF, in the presence of Prof. Premprakash Vyas, Prof. Chandan Singh, Dr Devendra Chahar, Dr Dinesh Sharma, Dr Harish Kumar Singhal from DSRRAU, and Dr Ravi Bhandari from JCKIF.

In the meeting, participants discussed about the major health issues plaguing Rajasthan, such as Sickle cell Anemia, Malnutrition, Silicosis, and diagnosis of pre-diabetic condition etc. Both organization decided to work jointly for their possible solutions. The role of Millets in eradicating Malnutrition, and the many benefits of 'SwarnPrashan' including boosting immunity were also discussed in the meeting at length. The meeting concluded with the resolution of preparing short term projects for the above problems and start working towards them on a priority basis. The members also appreciated the in-house Phyigital Museum 'Dharohar'.



OTHER ACTIVITIES

An interactive session on models and methods to strengthen IPR for Innovation and commercialization

Jodhpur City knowledge and Innovation Foundation (JCKIF) in collaboration with IIT Jodhpur organized “An interactive session on models and methods to strengthen IPR for Innovation and commercialization” at IIT Jodhpur Campus on 15th November 2022.

Prof. Prabuddha Ganguly, CEO Vision-IPR, Mumbai was the speaker for the interactive session. He enlightened the gathering with different aspects of intellectual property rights in diverse disciplines, particularly with reference to the reorganized patent regime of the country, IP generation, identification and protection including legal aspects.



Prof. Prabuddha Ganguly, CEO Vision-IPR, Mumbai addressing the gathering



Prof. Santanu Chaudhury, Director, IIT Jodhpur and Chairman, BoDs, JCKIF addressing the gathering

Over 50 faculty attended the session who were from local institutes of jodhpur viz NLU, AIIMS, ICMR- NIIRNCD, NIFT, Dr S R Ayurved University, Agriculture University, DRDO, MBM University besides IIT Jodhpur

Prof. Santanu Chaudhry, Director IITJ and Chairman, BOD, JCKIF, presided over the session. He showed his interest in working together as a team with other institutes to learn the IPR policies and implement it for a better future of entire Jodhpur eco system. Many participants viz Prof. S R Vadera, Deputy Director, IIT Jodhpur, Prof. Kuldeep Singh, Dean Academics, AIIMS jodhpur, Dr Deepak K Jha, Professor, Neurosurgery, AIIMS, Ms. Kanika Dhingra, Assistant Professor, NLU, Dr Jayasri Vajpai, Professor MBM University, etc. actively participated in question answer session.

Prof. Sangeetha Sahney, School of Management and Entrepreneurship, IITJ, Dr Anil K Tiwari, Associate Professor, Department of Electrical Engineering, IITJ and Dr G S Toteja, CEO, JCKIF coordinated the event.

TrafficInfraTech Expo, Mumbai

Dr Ravi Bhandari, Program Manager JCKIF attended TrafficInfraTech Expo held in Bombay Exhibition Center, Mumbai from November 17-18, 2022. The Expo showcased a healthy interaction between a host of leaders from Academia as well as the Industry who are working in the area of Smart Traffic solutions, Parking technology and Traffic signal controllers.



A talk on "COVID-19: Experiences and Challenges"

Dr G S Toteja, Chief Executive Officer, Jodhpur City Knowledge and Innovation Foundation (JCKIF) and former Additional Director General, Indian Council of Medical Research (ICMR) delivered a talk on "COVID-19: Experiences and Challenges" on December 14, 2022 at the National Webinar on "Applications of Biotechnology to Meet the Challenges of Covid and Post-Covid Scenario" organized by Amity University, Rajasthan. In his talk, Dr Toteja illustrated his experience and strategy for distribution of Covid testing kits and validation of various diagnostic kits as national nodal officer of ICMR. He also talked about the use of infrastructure capability and trained manpower developed and generated during Covid-19 pandemic.



Dr G. S. Toteja, CEO, JCKIF congratulated Prof. Dr Pradeep Kumar Prajapati, newly appointed Vice- Chancellor of Dr Sarvepalli Radhakrishnan Rajasthan Ayurved University on 15th November 2022.



Dr G. S. Toteja, CEO, JCKIF congratulated Prof. (Dr) B. R. Choudhary for appointing as the Vice-Chancellor of Agriculture University, Jodhpur for the second time on 15th November 2022

SHORT TERM COURSE ON "ENGLISH FOR OFFICE WORK"

English for Office Work course is a first-of-its-kind course launched by Jodhpur City Knowledge and Innovation Foundation (JCKIF) and IIT Jodhpur to upskill the Administrative staff, Graduates and Professionals

The course will focus on core areas of communication that are required in everyday professional life while also simultaneously trying to strengthen the overall professional skills of the enrolled participants through various class activities that will make them proficient in teamwork and collaboration, critical thinking and analysis etc. Therefore the course aims to help them achieve their career goals by becoming effective and efficient communicators

Last date of Registration: 20th Jan 2023
Course Starts on: 30th Jan 2023




Jodhpur City Knowledge and Innovation Foundation
(An initiative of the Office of the Principal Scientific Adviser to the Government of India)
&
Indian Institute of Technology Jodhpur
 Launches a short term course on
ENGLISH FOR OFFICE WORK

English for Office Work course is a first-of-its-kind course being launched by Jodhpur City Knowledge and Innovation Foundation (JCKIF) and IIT Jodhpur to upskill the Administrative staff/ Graduates/ Professionals. The course will focus on core areas of communication that are required in everyday professional life.

OBJECTIVES

- To enable working professionals in contributing at their workplace productively
- To understand the importance of successful communication with colleagues at workplace
- To develop strong interpersonal skills while networking at home institution/overseas
- To create awareness amongst working professionals about the required soft skills expected from them

SALIENT FEATURES

- Empowering literary skills
- Refining interpersonal communication
- Stimulating personality development
- Brainstorming sessions
- Enriching vocabulary
- Perceptive & Productive Skills
- Essential skills for communication
- Technology aided learning

WHO MAY BENEFIT
 Administrative Staff, Graduates and final year undergraduate students or Professionals from all functional areas.



JODHPUR CITY KNOWLEDGE AND INNOVATION FOUNDATION

Jodhpur City Knowledge and Innovation Foundation (JCKIF), is a Section-8 company (Non-Profit Organization) established on 31st March, 2021 under the Companies Act 2013 to carry out and sustain the activities of Jodhpur City Knowledge and Innovation Cluster (JCKIC).

JCKIC is an initiative of the Office of the Principal Scientific Adviser (PSA) to the Government of India on the recommendation of the Prime Minister's Science, Technology and Innovation Advisory Council (PM-STIAC) to create an Atmanirbhar Bharat through Science & Technology. Indian Institute of Technology Jodhpur (IITJ) is nodal agency for JCKIC.

JCKIF is acting as a facilitator for Jodhpur Cluster to create strong linkages among major Academic Institutions, R & D Institutes, National & State Research Laboratories, Government Agencies and Industries of the city of Jodhpur and surroundings in following focus sectors:

JCKIF VERTICALS



MEDICAL TECHNOLOGIES

Innovation-driven impetus to Healthcare and Medical Technology industry in the city



HANDICRAFTS & HANDLOOMS

Design and Implement digital technologies for value addition to local handicrafts and handlooms



I-GOVERNANCE

AI driven initiative for increasing efficiency of Traffic & Crime Management System of Jodhpur city



WATER & ENVIRONMENT

Develop and Implement a prototype Waste Water Management System



THAR DESIGNS

Desert EcoSystem Innovations Guided by Nature & Selection



AIOT INNOVATION HUB

Establishment of an Artificial Intelligence of Things Fabrication Facility

JCKIF AIMS TO BE A CATALYTIC AGENT FOR KNOWLEDGE AND INNOVATION-DRIVEN INCLUSIVE AND SUSTAINABLE GROWTH OF JODHPUR AND ITS ADJOINING AREAS.

JODHPUR CITY KNOWLEDGE AND INNOVATION FOUNDATION



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