

CIRCULAR



DEPARTMENT OF BIOTECHNOLOGY
SCHOOL OF ALLIED HEALTH SCIENCE
CIRCULAR

Ref No: AJU/SOHAS/329/25

Date: 25-10-2025

This is to inform all the students of B.Sc. Biotechnology, the Department of Biotechnology is organizing Expert session on Gender Sensitization “Intellectual Property Rights: Issues and Challenges” on 24th November 2025 for B.Sc. Biotechnology 2025-28 batch.

Date: 24th November 2025

Time: 3:30 PM

Venue: Seminar Hall C-Block

Resource Person: Mr. Amit Kumar Singh,
Sr. IP Counsel, IP & Technology Intelligence,
R&D TATA Steel Limited, Jamshedpur


Dr. Santosh Kumar Singh
Head of Department
Department of Biotechnology,
School of Allied Health Science
ARKA JAIN University, Jharkhand
Department of Biotechnology
School of Health & Allied Science
ARKA JAIN University, Jharkhand

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EXPERT SESSION ON
“INTELLECTUAL PROPERTY RIGHTS: ISSUES AND CHALLENGES”

Date of Event	24th November 2025
Name of the Event	Expert Session on “Intellectual Property Rights: Issues and Challenges”
Type of the Event	Expert Session
Conducted by	Department of Biotechnology in association with IPR Cell
Coordinator	Dr. Santosh Kumar Singh, Dr. Pratima Srivastava
No. Of Participants	28

OBJECTIVE:

The expert session on “**IPR Issues and Challenges**” was designed to equip B.Sc. Biotechnology students with a comprehensive understanding of the role of Intellectual Property Rights in the biotechnology sector. The session aimed to introduce students to the fundamental concepts of IPRs, including patents, copyrights, trademarks, and trade secrets, while highlighting their importance in safeguarding scientific innovations. Through detailed explanations of patent filing procedures, legal requirements, and criteria for patentability, the session helped students gain clarity on how biotechnology-related inventions are protected and commercialized.

The resource person also addressed the ethical, legal, and societal dimensions of biotechnology patents, discussing concerns such as biopiracy, access to genetic resources, and global regulatory challenges. Real-world case studies were used to illustrate contemporary issues and disputes surrounding biotech intellectual property, enabling students to connect theoretical knowledge with practical scenarios. Additionally, the session encouraged students to identify potential patentable ideas within their academic and laboratory work and emphasized responsible research practices, including originality, data ownership, and research integrity. Overall, the session aimed to strengthen students' awareness of the national and international IPR landscape while motivating them to pursue innovation with an informed understanding of their rights and responsibilities.

DETAILS:

The Department of Biotechnology organized an Expert Session on “**IPR Issues and Challenges**” for B.Sc. Biotechnology students with the aim of enhancing their understanding of Intellectual Property Rights in the context of scientific innovation. The expert resource person for session was **Mr. Amit Kumar Singh, Sr. Counsel, IP Technology and Innovation, R&D Tata Steel**. The session brought together students from different semesters to engage with an experienced resource person who provided in-depth insights into the importance of IPR in biotechnology research and industry. The expert elaborated on various forms of intellectual property, the process of patent filing, criteria for patentability, and the common challenges faced in securing biotechnology patents.

Throughout the session, students were introduced to real-world examples and case studies that highlighted ethical, legal, and technological concerns associated with IPR in the life sciences. Interactive discussions helped participants clarify doubts related to patent applications, bio piracy, regulatory frameworks, and global IPR policies. Overall, the expert session served as an enriching academic experience, strengthening students' knowledge of IPR and its relevance to their future scientific and professional endeavours. The Session was successfully coordinated by Dr. Pratima Srivastava, Assistant Professor Department of Biotechnology.

TAKEAWAY (OUTCOMES):

The Expert Session on “**IPR Issues and Challenges**” resulted in meaningful learning outcomes for the B.Sc. Biotechnology students, significantly enriching their understanding of Intellectual Property Rights within the scientific and industrial landscape. The session enhanced students' awareness of the different types of intellectual property and deepened their understanding of the patenting process, including patentability criteria, documentation, and legal procedures. Through interactive discussions and case-based examples, students developed greater clarity on the ethical and regulatory issues associated with biotechnology patents, such as biopiracy, benefit-sharing, and global IPR frameworks.

The event also strengthened students' ability to identify potential patentable ideas emerging from their academic or research activities. Participants gained improved confidence in interpreting IPR-related concepts and recognized the importance of protecting innovative work. Moreover, the session fostered responsible research behaviour by highlighting the significance of originality, data integrity, and proper acknowledgment in scientific practice. Overall, the session succeeded in building students' knowledge, confidence, and readiness to engage with IPR-related aspects in their future careers or higher studies.

POSTER OF THE EVENT



Department of Biotechnology
in association with
IPR Cell Arka Jain University
Organizes

SEMINAR ON
“INTELLECTUAL PROPERTY RIGHTS ISSUES & CHALLENGES”

**Mr. Amit Kumar Sing Sr. IP Counsel,
IP & Technology Intelligence, R& D
TATA Steel Limited, Jamshedpur**

**Convenor: Dr. Santosh Kumar Singh
Coordinator: Dr. Pratima Srivastava**

- ✓ Introduction to IPR and Patenting
- ✓ Application of IPR in Industry & Academics
- ✓ IPR: Issues and Challenges

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PHOTOS OF THE EVENT



Fig.1- Students of B.Sc. Biotechnology attended the Expert Session on “IPR: Issues & Challenges”



Fig. 2- Expert Mr. Amit Kumar Singh, Explaining the students about



Fig. 3- Mr. Amit explaining the students about IPR, Patenting, Trademark and Copyright



Fig. 4- Dr. Pratima (Assistant Professor) Biotechnology, introducing the Resource Person with the students



Fig. 5- Faculties and Students of Biotechnology attending the session on IPR

LIST OF PARTICIPANTS

DEPARTMENT OF BIOTECHNOLOGY
SCHOOL OF ALLIED HEALTH SCIENCE
Seminar "IPR: Issues & Challenges"

ATTENDANCE SHEET

S.No.	Name of the Student	Enrolment No.	Semester	Signature
1	Haastikha	251434	1 st	Haastikha
2	Naina yadav	251690	1 st	Naina yadav
3	Samiddhi shiv	251310	1 st	Samiddhi shiv
4	Brinley	251010	1 st	Brinley
5	Nisha Marla	250721	1 st	Nisha Marla
6	Latika Nayak	251140	1 st	Latika
7	Ayushi Kumari Singh	251961	1 st	Ayushi
8	Nisha Varoha Singh	252273	1 st	Nisha
9	Suchita Pursewal	250635	1 st	suchita
10	Niraj Kumar	251173	1 st	Niraj
11	Nitesh Kumar	251536	1 st	Nitesh
12	Abhishek Mahato	252267	1 st	Abhishek
13	Raj Patra	250336	1 st	Raj Patra
14	Preeti Kumar	252275	1 st	Preeti
15	Sadab Khan	252333	1 st	Sadab Khan
16	Tripti Singh	251639	1 st	Tripti Singh
17	Sonam Kumari	250871	1 st	Sonam Kumari
18	Hrishikesh Borenjea	250896	1 st	Hrishikesh
19	Sambhu Nath Mandal	251463	1 st	Sambhu

Dr. Santosh Kumar Singh
Head of Department
Department of Biotechnology
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Resource Person Profile

Amit Singh
Sr. IP Counsel, IP & Technology Intelligence, R&D
Tata Steel Limited, Jamshedpur 831 001

Amit Singh is a graduate in Manufacturing Technology and holds a degree in Law. He is licensed to practice before the Indian Patent Office and currently serves as Senior IP Counsel at the Intellectual Property & Technology Intelligence wing of Tata Steel's Research & Development division.

With over a decade of experience in Intellectual Property, Amit specializes in strategic IP portfolio management, IP due diligence, patent drafting and prosecution, and IP audits. His role is pivotal in aligning IP strategy with dynamic design and innovation cycles, ensuring that intellectual assets are effectively protected and leveraged in fast-paced R&D environments.

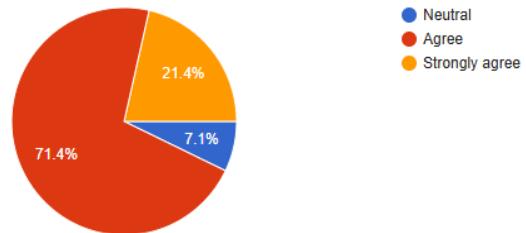
He has been a strong advocate for IP awareness, regularly speaking at seminars and conferences to promote the strategic importance of IP in business and innovation. His efforts have contributed significantly to fostering a culture of IP creation, protection, and commercialization within technology-driven organizations.

Feed Back

4. The session objectives were **clearly explained and well understood.**

28 responses

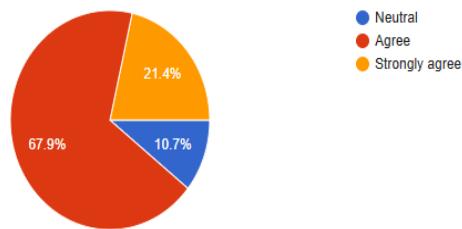
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5. The content covered **important concepts of IPR, issues, and challenges.**

28 responses

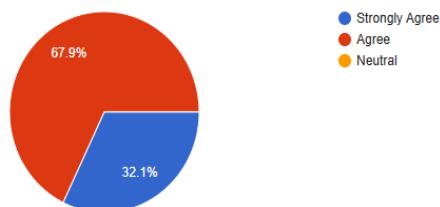
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6. The resource person demonstrated **good knowledge and expertise** on the topic.

28 responses

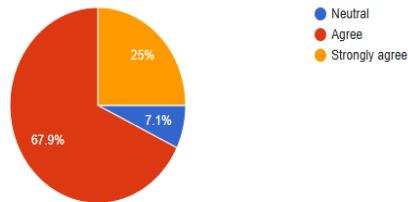
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7. The speaker engaged students through **examples, discussions, or real-life cases.**

28 responses

 [Copy chart](#)



8. The session content was **relevant to my academic and professional development.**

[Copy chart](#)

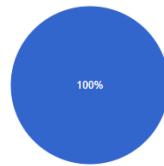
Strongly Agree

Agree

Neutral

28 responses

● Option 1



9. I feel more aware of the issues and challenges related to patents, copyrights, and trademarks.

[Copy chart](#)

28 responses

● Neutral
● Agree
● Strongly agree

