



**GANDHI INSTITUTE OF ENGINEERING AND
TECHNOLOGY UNIVERSITY, ODISHA, GUNUPUR
(GIET UNIVERSITY)**

(Established Vide Odisha Act 23 of 2018, Included by
UGC, New Delhi,
and Approved by AICTE, ICAR, INC, DSIR, New Delhi)
Gunupur - 765022, Dist.- Rayagada, Odisha, India
www.giet.edu



Intellectual Property facilitating Centre (IPFC) -Gandhi Institute of Engineering and
Technology University, Odisha, Gunupur
(IPFC-GIET University Cell)

Report
June-2026

**Online program on the Protection of Intellectual Property Rights (IPR) and Research
Ethics**

S/No.	Date	Time	Expert
1	22/06/2026	05:00-06:00	Dr. Kali Charan Rath , GIET University, Gunupur
2	23/06/2026		Dr. Revati R. Rautrao , Dr. D Y Patil B-School Pune
3	24/06/2026		Dr. Subrata Tikadar , Amity School of Engineering and Technology, Kolkata
4	25/06/2026		Dr. Sudipta Maity , EYUVA Center, GIET University, Gunupur

The Intellectual Property Facilitating Centre (IPFC) – GIET University Cell, successfully organized an Online Program on “Protection of Intellectual Property Rights (IPR) and Research Ethics” from 22nd to 25th June 2026. The program aimed to create awareness among MSME, Startup, faculty members, researchers, scholars, and students regarding the significance of Intellectual Property Rights, patent filing procedures, copyright protection, technology transfer, innovation management, and ethical practices in research. Eminent experts from academia and industry delivered insightful lectures throughout the week, including Dr. Kali Charan, Dr. Revati R. Rautrao, Dr. Subrata Tikadar, and Dr. Sudipta Maity. The sessions provided valuable insights into protecting intellectual assets, fostering innovation, maintaining research integrity, and promoting responsible conduct in research. The program received enthusiastic participation and significantly contributed to strengthening the IPR and research ethics ecosystem within the university.

Expert: Dr. Kali Charan Rath, GIET University, Gunupur
Title: Intellectual Property Rights

INTELLECTUAL PROPERTY RIGHTS
 Date : 22nd June 2026
 Dr. Kali Charan Rath
 Associate Professor
 Department of Mechanical Engineering
 GIET University,
 Gunupur, Odisha, India
 Mail ID : kcrath@giet.edu

Type of Property	Description	Examples (IP for each)
1. Movable Property	Property that can be moved from one place to another without affecting its nature or value.	Car, Furniture, Laptop, Mobile phone, Jewellery, Books, Clothes, Television, Musical Instruments
2. Immovable Property	Property that cannot be moved and is permanently attached to the earth.	Land, Buildings, Factory plots, Mines, Irons connected to soil, Wells, Mines, Bridges, Basic House
3. Tangible Property	Physical property that can be touched and perceived by senses.	Vehicle, Furniture, House, Machinery, Book, Gold, Refrigerator, Computer, Musical Instruments, Clothes
4. Intangible Property	Property owned by an individual or organization for personal or business use.	Patented car, Music, Laptop, Patented Invention, Jewellery, Computer owned personally (Office building, Factory)
5. Public Property	Property owned by the state or government for public use.	Roads, Railway tracks, Parks, Hospitals, Government Schools, Public Libraries, Educational Institutions, Airports
6. Real Property	Consists of land and anything permanently attached to it, including buildings and other structures.	Land plots, Apartments, Warehouses, Factory buildings, Shopping malls, Road buildings, Land-rented house, Bridge, elementary, College, Universities, Restaurants
7. Personal Property	Property owned by a person that is not real estate, movable and tangible.	Jewellery, Laptop, Car, Furniture, Books, Clothes, Air-condition, Cell phones, Bicycle, Watch

AGENDA

- ♦ TYPES OF PROPERTY
- ♦ INTELLECTUAL PROPERTY
- ♦ TYPES OF PATENT
- ♦ PRODUCT PATENT
- ♦ PROCESS PATENT
- ♦ UTILITY AND DESIGN PATENT
- ♦ COPYRIGHT ITEMS
- ♦ TRADEMARKS
- ♦ HOW TO GENERATE THE IDEA?
- ♦ OBJECTIVES OF THE PATENT
- ♦ INTELLECTUAL PROPERTY SHALL INCLUDE THE RIGHTS RELATING TO ...
- ♦ WHY OUR IDEA WILL BE PROTECTED UNDER IP?
- ♦ WHY CREATIVITY IS NEEDED?
- ♦ STUDENTS - DROVING THE FUTURE OF INNOVATION
- ♦ TYPES OF IPRS
- ♦ KINDS OF IPRS IN WIDE USE
- ♦ GOVERNING LAWS IN INDIA FOR IPR
- ♦ SUMMARY ON TYPES OF IPR
- ♦ FEW PATENTABLE ITEMS/ PRODUCTS
- ♦ FEW UTILITY AND DESIGN AREAS ... THAT WE CAN APPLY FOR PATENT
- ♦ FEW COPYRIGHT AREAS ... THAT WE CAN APPLY FOR PATENT
- ♦ PATENT
- ♦ PROCEDURE FOR GRANT OF A PATENT
- ♦ DOCUMENTS REQUIRED TO FILE A PATENT APPLICATION
- ♦ WHO CAN APPLY FOR A PATENT?
- ♦ GRANT OF PATENT
- ♦ COPYRIGHT AND RELATED RIGHTS
- ♦ AUTHORSHIP AND OWNERSHIP OF COPYRIGHT
- ♦ DURATION OF COPYRIGHT
- ♦ THANK YOU!

Expert: Dr. Revati R. Rautrao, Dr. D Y Patil B-School Pune
Title: Intellectual Property and Copyright in the age of AI and Digital Communication

Intellectual Property and Copyright
 in the Age of AI and Digital Transformation
 Protecting Creativity • Encouraging Innovation • Building a Sustainable Future

Dr. Revati R. Rautrao, Associate Professor
 Dnyanesh Global University (DGU)
 Dr. D. Y. Patil B-School, Pune, Maharashtra, India
 Honorary Research Fellow, Shriware University, Bangkok, Thailand

Introduction to Copyright

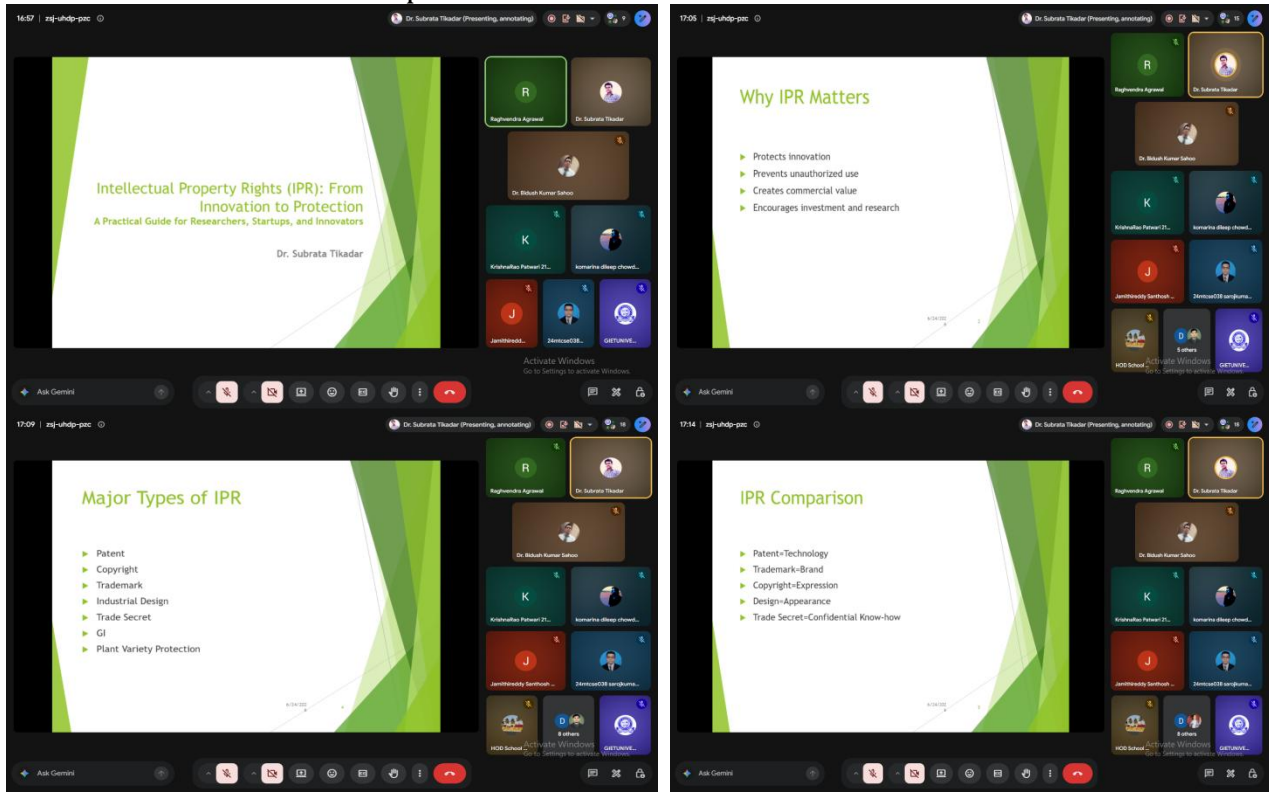
- Legal Right for Creative Works
- Why It Matters to Creators:
 - Ownership
 - Control
 - Recognition
 - Income & Protection

Introduction to IPR
 Protecting the Expression of Ideas

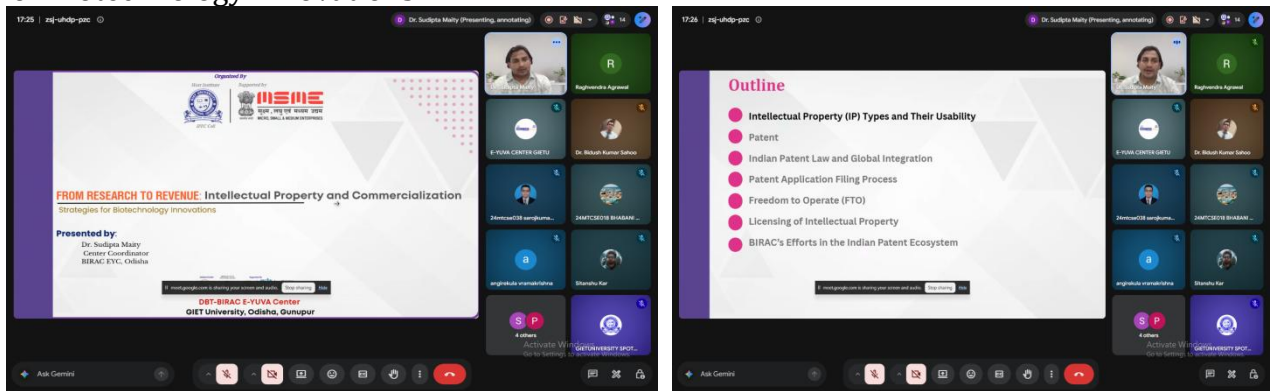
The slide features a central graphic of a scale of justice. The left pan is labeled 'Creativity' and contains a palette and brushes. The right pan is labeled 'Protection' and contains a shield and a key. The scale is balanced, symbolizing the equilibrium between creative expression and legal protection.

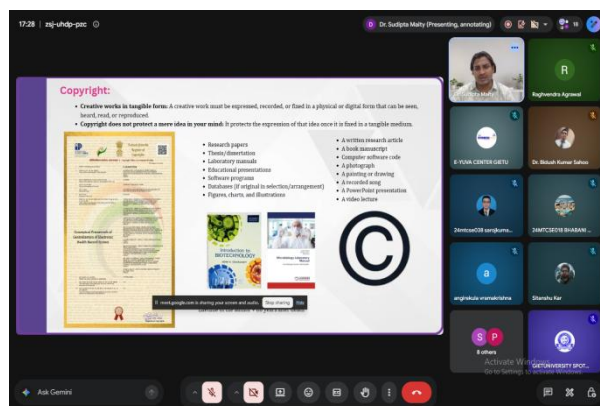
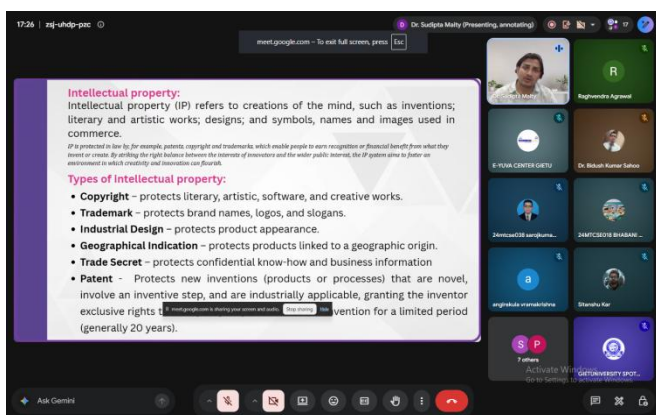
Surrounding the central graphic are icons for various forms of Intellectual Property Rights: Copyright (C), Patent (P), Trademark (TM), Design (D), Geographical Indication (GI), and Trade Secret (TS).

Expert: Dr. Subrata Tikadar, Amity School of Engineering and Technology, Kolkata
Title: IPR from innovation to protection



Expert: Dr. Sudipta Maity, E-YUVA Center, GIET University, Gunupur
Title: From Research to Revenue: Intellectual Property and Commercialization Strategies for Biotechnology Innovations





Trademark (MSME)

S/No.	Company Name/Applicant	Trademark	UDYAM Reg. Number	Application Number	Logo
1	JASMINUM BIOSCIENCES PRIVATE LIMITED	Logo	UDYAM-OD-19-0145959	14452625	

Filing/Submission (IPR) Technically Supported by IPFC-GIET University Cell Patents

S/No.	Title	Application Form Number
1	Method and System for Quantum-Secure Image encryption	202631070755

MSME (Under Drafting)

S/No.	Title	UDYAM Registration Number
1	Portable CC16 Biomarker Analyzer with Spirometry-Based Lung Function Biosensor for Real-Time Respiratory Health Monitoring with embedded electronic nose for real-time pathogens and disorder screening.	UDYAM-AP-10-0085412
2	BREVIION-E: Bio-Recognition and Evaluation via Intelligent Opto-Electrical Nanotech-Engine	
3	AQUA-SPECTRAAN Integrated Multiplex Spectro-Electrochemical Sensing Platform for Detection, Quantification, Monitoring, and Prediction of Water Quality, Biological Health, Pathogens, and Environmental Biomarkers	
4	Portable Multiplex Aptamer-Nanozyme Biosensing Platform for Detection and Prediction of Allergic and Hypersensitivity Reactions	
5	NEURO-SPECTRA An AI-Assisted Integrated Neurophysiological, Hemodynamic, and Electrochemical Biomarker Monitoring System	

6	OSMF- Intelligent Mandibular Rehabilitation Device	
7	SENSI-SMILE: An Autism-Adaptive Smart Toothbrush with AI-Assisted Motion Guidance and Sensory-Safe Feedback System	
8	The Smart Artificial Pancreatic Device with Continuous glucose monitoring & Bi -Hormonal dosage delivery	

Prof. (Dr.) NVJ Rao
Chairperson IPFC-GIET University Cell
Registrar
GIET University, Gunupur-765022