



**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

March-2026



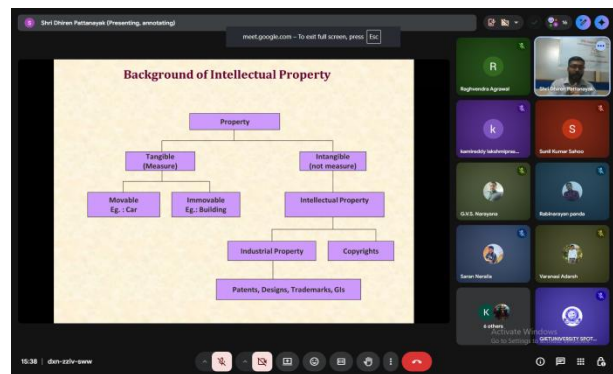
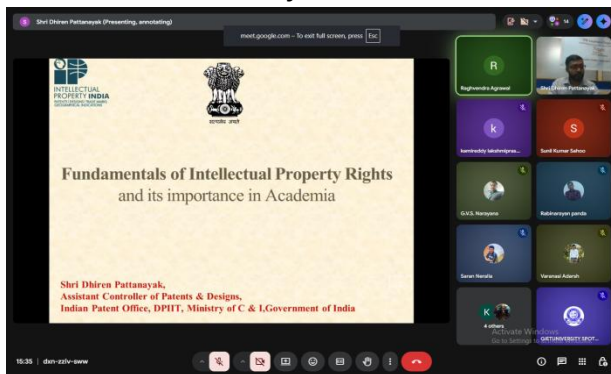
The Expert Session on Protection of Intellectual Property Rights (IPR) and Research Ethics organized by the IPFC–GIET University Cell at GIET University aimed to create awareness among students and faculty about the importance of securing intellectual creations and maintaining integrity in research. The session highlighted key aspects of IPR, including patents, copyrights, and trademarks, while also addressing ethical concerns such as plagiarism, data manipulation, and responsible authorship. Through expert guidance and practical insights, participants gained a better understanding of how to protect their innovations and conduct research in a transparent and ethical manner, thereby fostering a culture of innovation and academic honesty within the institution.

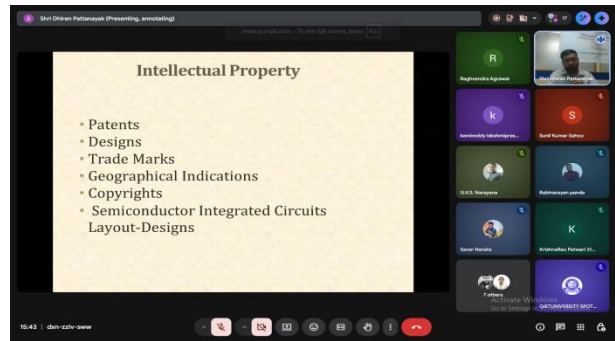
Date: 23rd March 2026

Time: 12:00-01:00PM

Topic: Fundamentals of Intellectual Property Rights and Its Importance in Academia

Expert: Shri Dhiren Pattanayak, Assistant Controller of Patents & Designs, Indian Patent Office, DPIIT, Ministry of C & I, Government of India



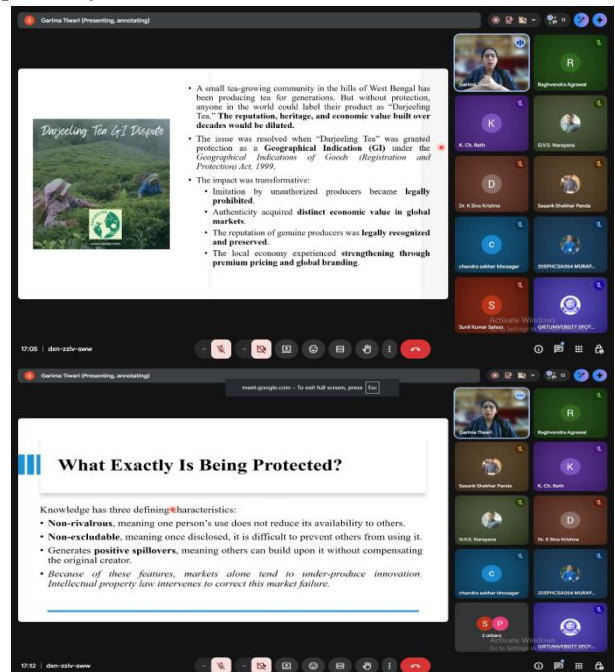
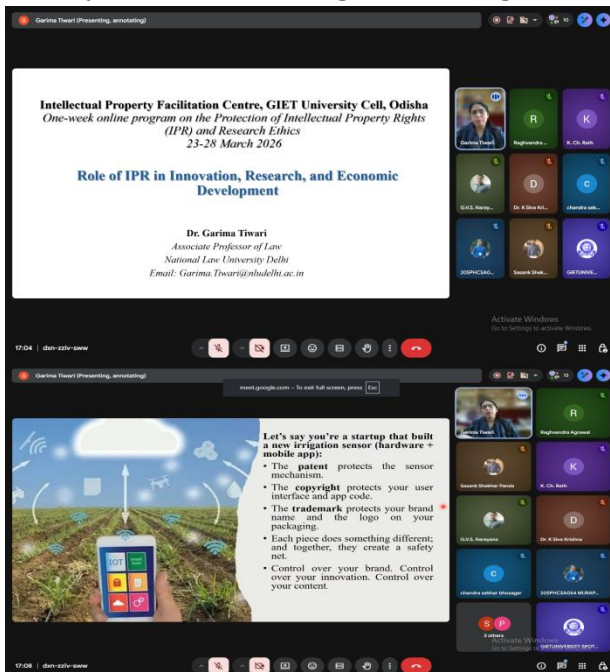


Date: 23rd March 2026

Time: 05:00PM-06:00PM

Topic: Role of IPR in Innovation, Research and Economic Development

Expert: Dr. Garima Tiwari, Associate Professor, National Law University Delhi, Associate Dean (Research, Planning and Strategic Development)

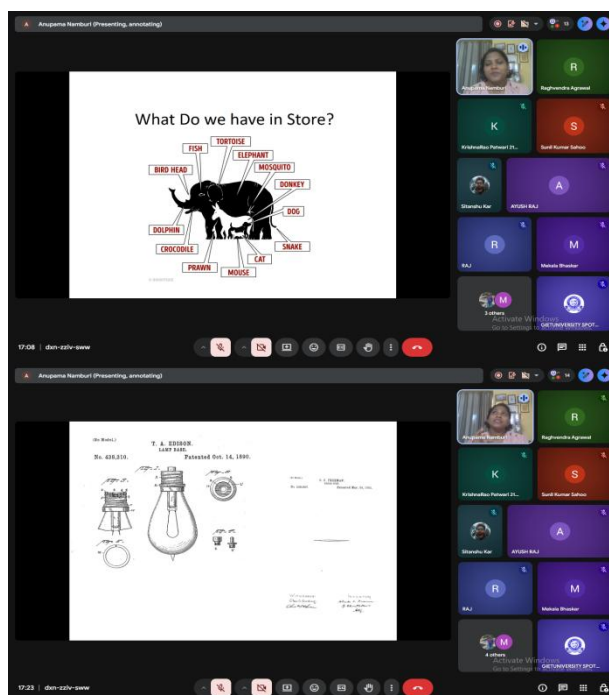
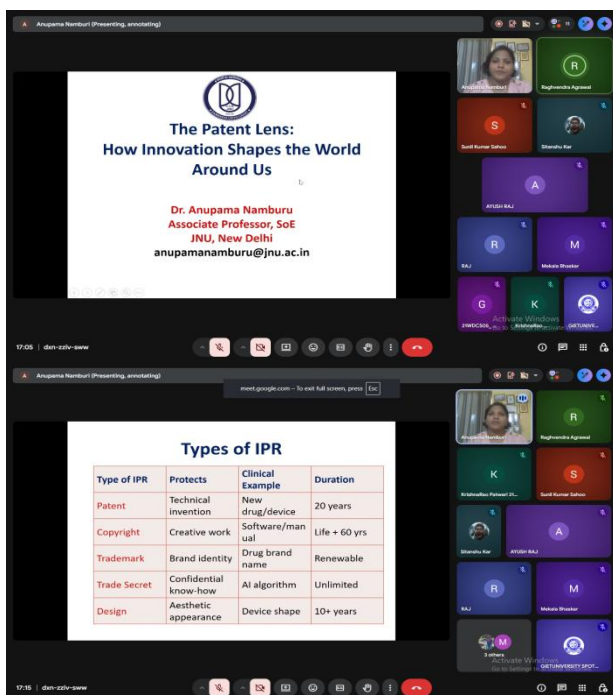


Date: 25th March 2026

Time: 05:00-06:00PM

Expert: Dr. Anupama Namburu, Associate Professor, School of Engineering, Jawaharlal Nehru University

Topic: The Patent Lens: How Innovation shapes the world around us



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

S/No.	Copyright Title	Inventor Name	Application Number
1	AI based smart farming platform for crop health monitoring resource optimization and farmer decision support	MILIND PANDA, GURU PRASAD PALAI, CHURNI BHATTACHARJEE, BARUN KUMAR BEHERA, JOHN WILKINS NAYAK, SUNAYANA RANA, DR. SIBO PRASAD PATRO, MR. BANI PRASAD NAYAK, DR. NEELAMADHAB PADHY	SW-6820/2026-CO
2	An Ensemble and Deep Neutral Network-Based Model for Air Quality Index Prediction in Urban Environments	DEBASISH PRADHAN, DR. RASMITA PANIGRAHI, DR. NEELAMADHAB PADHY	SW-8616/2026-CO
3	Software Framework for Crop-Aware Weed Identification and Decision Support in Precision Agriculture	MR. DASARADHA ARANGI, DR. NEELAMADHAB PADHY, DR. RASMITA PANIGRAHI, PRADEEP KUMAR MAHAPATRO	SW-8611/2026-CO
4	Telemedicine Access for Rural Healthcare in Nabha	NARESH KUMAR DAKUA, SOUMYA RANJAN NAYAK, P. SAMEER TANAYA PATRO, SHUVANKAR CHHATAI, RASHMI KUMARI PANDA, BIJULI RANI PANDA, DR. SIBO PRASAD PATRO, MR. G. V. S. NARAYANA	SW-8618/2026-CO
5	AI-Driven Unified Data Platform for Oceanography	EESHA UPASYA MISHRA, SIBANGI PADHI, KALYAN KUMAR DASH, SNEHALATA PATTNAIK, SUBHANKAR RATH, RUDRA MADHAB MISHRA, DR. SIBO PRASAD PATRO, GVS NARAYANA	SW-8613/2026-CO
6	Neural Net based Android Application for Real-Time Fish Catch Identification, Health, and Volume Estimation	EESHA UPASYA MISHRA, SIBANGI PADHI, KALYAN KUMAR DASH, SNEHALATA PATTNAIK, SUBHANKAR RATH, RUDRA MADHAB MISHRA, DR. SIBO PRASAD PATRO, GVS NARAYANA	SW-8614/2026-CO
7	EduTrack 360: Centralised Digital Platform for Comprehensive Student Activity Record in HEIs	BISWAJIT SWAIN, OMKAR ROUT, DEBASISH PANDA, SATYA PRAKASH ROUT, SUMAN GOUDA, K DEVANSHI PATRA, SIBO PRASAD PATRO, BANI PRASAD NAYAK	SW-8615/2026-CO

8	OptiRailAI: An Intelligent Decision Support System for Real-Time Railway Traffic Management Using Generative AI	KRITI PRIYADARSHANI SETHI, BODALA HARSHIT, AKHIL SUBUDHI, UMA SANKAR MAHANKUDA, ADITYA MISHRA, KRUTI SUNDAR PANDA, SIBO PRASAD PATRO, A V S PAVAN KUMAR	SW-8622/2026-CO
9	AI-Powered Crop Yield Prediction And Optimization	P SHYAM PRASAD PATANIK, SOUMYA RANJAN MAHANNA, KUNAL KUMAR MAHATO, PRAYAKTI PANDA, KORADA CHANDINI, SUMAN RANI GOUDA, MURALI KRISHNA SENAPATY, TIRUPATI SAHU	SW-11702/2026-CO
10	Blockchain-Based Blue Carbon Registry and MRV System Using IoT	SUBRAT KUMAR MAJHI, ADITYA ADARSHA SATAPATHY, RUDRA ABHISHEK BADATIA, MURALI KRISHNA SENAPATY, MR. RANJIT PATNAIK	SW-11697/2026-CO
11	AI-Based Crop Recommendation and Yield Prediction System Using Soil and Weather Data	TANGUDU VARSHITA, PASUPUREDDY SUMANTH, GANNAVARAPU GOUTAM, KORADA SAI SRIDEVI, PUVVADA SWATI, VAISHNAVI PATNAIK, V. KEERTAN, MURALI KRISHNA SENAPATY, D ANIL KUMAR	SW-11698/2026-CO
12	RU-Medic: A Smart Digital Healthcare and Emergency Support Platform for Rural Areas	PRATIK KUMAR TULO, R. ADITYA KUMAR DORA, SK FARHAN AKHTAR, M. ADITYA KUMAR, SUBHADARSHINI RAUTA, TANUSHREE NAYAK, MURALI KRISHNA SENAPATY, D ANIL KUMAR	SW-11699/2026-CO
13	EduQuest: A Gamified Multilingual Learning Platform for Resource-Constrained Environments	HASEEB FARAZ, ABHISMITA MOHAPATRA, MURALI KRISHNA SENAPATY, G.V.S. NARAYANA	SW-11700/2026-CO
14	TRIPSURE: An AI-Driven Intelligent Travel Safety And Emergency Response Platform	ABHISEKH SAMAL, SOUMYA RANJAN ACHARYA, SHIVAM NAYAK, AKSHYATRAJ PATI, KHUSHI RANI SARKAR, PRITY KUMARI, MURALI KRISHNA SENAPATY, MR. G. V. S. NARAYANA,	SW-11704/2026-CO
15	Disk Sanitizer	ASHMIT RAJ, ANURAG TOPNO, DR. SIBO PRASAD PATRO, GVS NARAYAN,	SW-11705/2026-CO

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

S/No.	Patent Title	Inventor Name	Application Number
1	AN OFFLINE-FIRST, LOW-BANDWIDTH ENABLED TELEMEDICINE KIOSK SYSTEM WITH AI-BASED TRIAGE	Naresh Kumar Dakua, Soumya Ranjan Nayak, P. Sameer Tanaya Patro, Shuvankar Chhatai, Rashmi Kumari Panda, Bijuli Rani Panda, Dr. Siboprasad Patro, Mr. G. V. S. Narayana	202631030873

**Filing/Submission (IPR) by IPFC-GIET University Cell
Trademark, Patent and Copyright (MSME)**

S/No.	Company Name/Applicant	Trademark	TYPE OF APPLICANT	TYPE OF TRADEMARK	UDYAM Reg. Number	Application Number
1	LumenXo Software Pvt. Ltd. Empowering Innovation	LumenXo Software Pvt. Ltd.	Udyam	LOGO	UDYAM-OD-03-0066342	7630747
2	EASTERN AGRO INDUSTRIES	EASTERN AGRO INDUSTRIES	Udyam	LOGO	UDYAM-OD-19-0006671	7630745

3	BIJAY KUMAR BEURA	Jagannath Sweet Stall	Udyam	LOGO	UDYAM-OD-27-0014646	7630746
4	VELDT BIOSCIENCE PRIVATE LIMITED	VELDT FROM VISION TO CREATION	Udyam	LOGO	UDYAM-OD-27-0020793	7630756
5	MAA BHAWANI TRADERS	MAA BHAWANI TRADERS	Udyam	LOGO	UDYAM-OD-27-0001280	7630748
6	Navgyan Innovations Private Limited	Navgyan Innovations	Udyam	LOGO	UDYAM-OD-27-0020798	7630754
7	VrikshaaSampanna Agrocure Pvt. Ltd.	Vrikshaa Sampanna Agrocure Pvt Ltd	Udyam	LOGO	UDYAM-OD-27-0020766	7630757
8	SAMARPITA FOUNDATION	SAMRPITA FOUNDATION DEDICATED FOR DEVELOPMENT	Udyam	LOGO	UDYAM-OD-10-0012525	7630755
9	Biomat Innovations Pvt. Ltd.	Biomat Innovations Pvt. Ltd.	Udyam	LOGO	UDYAM-OD-27-0020797	7632495
10	AUTOMETRA TECHNOLOGIES	AUTOMETRA TECHNOLOGIES	Udyam	LOGO	UDYAM-OD-02-0046263	13750031
11	PASSMAN.AI	PASSMAN.AI	Udyam	LOGO	UDYAM-OD-27-0019611	13750043
12	Ecoprisma Energies Private Limited	Ecoprisma Energies Private Limited	Udyam	LOGO	UDYAM-AP-03-0112586	7630765
	Patent Title	Applicant	Company	Patent	UDYAM Reg. Number	Application Number
1	A SOLAR-POWERED MUSHROOM DISPENSING SYSTEM	IPFC-GIET University Cell	VELDT BIOSCIENCE PRIVATE LIMITED	Patent	UDYAM-OD-27-0020793	202631042524
2	A NITROGEN-ENRICHED VERMICOMPOST COMPOSITIONAND ITS METHOD OF PREPARATION	IPFC-GIET University Cell	VRIKSHAA SAMPANNAAGROCARE PRIVATE LIMITED	Patent	UDYAM-OD-27-0020766	202631042531
3	SYSTEM AND METHOD FOR CREDENTIAL SECURITY ANDTHREAT-RESPONSIVE ACCESS CONTROL	IPFC-GIET University Cell	PASSMAN.AI	Patent	UDYAM-OD-27-0019611	202631042528

4	EMBEDDED COMPUTING DEVICE AND METHOD FOR PROVIDING NETWORK SECURITY	IPFC-GIET University Cell	PASSMAN.AI	Patent	UDYAM-OD-27-0019611	202631042522
5	SYSTEM AND METHOD FOR SECURE RANDOM NUMBER GENERATION AND DISTRIBUTION	IPFC-GIET University Cell	PASSMAN.AI	Patent	UDYAM-OD-27-0019611	202631042535
6	A PHOSPHORUS ENRICHED VERMICOMPOST COMPOSITION AND ITS METHOD OF PREPARATION	IPFC-GIET University Cell	VRIKSHAA SAMPANNAAGROCARE PRIVATE LIMITED	Patent	UDYAM-OD-27-0020766	202631042527
7	A Dual-Layer Herbal Soap Enriched with the goodness of Neem, Turmeric, Lemongrass, and Goat Milk	IPFC-GIET University Cell	VRIKSHAA SAMPANNAAGROCARE PRIVATE LIMITED	Patent	UDYAM-OD-27-0020766	202631042532
8	ROOFTOP FARMING SYSTEM WITH DIGITAL TWIN MODELLING ENGINE AND AUTONOMOUS RELOCATION SYSTEM	IPFC-GIET University Cell	ECOPRISMA ENERGIES PRIVATE LIMITED	Patent	UDYAM-AP-03-0112586	202631042534
9	POLLINATOR-AWARE ROOFTOP FARMING SYSTEM AND SPRAY LOCKOUT CONTROL SYSTEM	IPFC-GIET University Cell	ECOPRISMA ENERGIES PRIVATE LIMITED	Patent	UDYAM-AP-03-0112586	202631042523
10	Multi-Domain Signal Fusion System for Rooftop Crop Stress and Pest Detection	IPFC-GIET University Cell	ECOPRISMA ENERGIES PRIVATE LIMITED	Patent	UDYAM-AP-03-0112586	202631042536
11	BRAIN VIZ: A SYSTEM AND METHOD FOR AI-BASED 3D RECONSTRUCTION FROM 2D MRI BRAIN SLICES"	Navgyan Innovations Private Limited	Navgyan Innovations Private Limited	Patent	UDYAM-OD-27-0020798	202531085616
12	Bridgework: A Web-Based System for Skill Credit Tracking And Industry-Academia Collaborative Project Management	Navgyan Innovations Private Limited	Navgyan Innovations Private Limited	Patent	UDYAM-OD-27-0020798	202531079823
13	Passively Actuated Self-Flowing Beehive System	Biomat Innovations Private Limited	Biomat Innovations Private Limited	Patent	UDYAM-OD-27-0020797	202531129093
14	A Multi-Function Concrete Hatchery for	Biomat Innovations	Biomat Innovations Private Limited	Design Patent	UDYAM-OD-27-	472831-001

	Fish Egg Incubation	Private Limited			0020797	
15	HVAC Condensate-Based Adaptive Nutrient Reconstruction System for Rooftop Agriculture	IPFC-GIET University Cell	ECOPRISMA ENERGIES PRIVATE LIMITED	Patent	UDYAM-AP-03-0112586	202631042525
	Copyright Title	Applicant	Company	Copyright	UDYAM Reg. Number	Application Number
1	Website for LumenXo Software Pvt. Ltd.	IPFC-GIET University Cell	LumenXo Software Pvt. Ltd.	Copyright	UDYAM-OD-03-0066342	LD-15030/2026-CO
2	AgriPrisma AI: An Integrated Smart Rooftop Agriculture System	IPFC-GIET University Cell	ECOPRISMA ENERGIES PRIVATE LIMITED	Copyright	UDYAM-AP-03-0112586	LD-15027/2026-CO

Trademark Logo

S/No	Company Name/Applicant	Trademark	UDYAM Reg. Number	Application Number	Logo
1	LumenXo Software Pvt. Ltd. Empowering Innovation	LumenXo Software Pvt. Ltd.	UDYAM-OD-03-0066342	7630747	
2	EASTERN AGRO INDUSTRIES	EASTERN AGRO INDUSTRIES	UDYAM-OD-19-0006671	7630745	
3	BIJAY KUMAR BEURA	Jagannath Sweet Stall	UDYAM-OD-27-0014646	7630746	
4	VELDT BIOSCIENCE PRIVATE LIMITED	VELDT FROM VISION TO CREATION	UDYAM-OD-27-0020793	7630756	
5	MAA BHAWANI TRADERS	MAA BHAWANI TRADERS	UDYAM-OD-27-0001280	7630748	
6	Navgyan Innovations Private Limited	Navgyan Innovations	UDYAM-OD-27-0020798	7630754	

7	VrikshaaSampanna Agrocare Pvt. Ltd.	Vrikshaa Sampanna Agrocare Pvt Ltd	UDYAM-OD- 27-0020766	7630757	
8	SAMARPITA FOUNDATION	SAMRPITA FOUNDATION DEDICATED FOR DEVELOPMENT	UDYAM-OD- 10-0012525	7630755	
9	Biomat Innovations Pvt. Ltd.	Biomat Innovations Pvt. Ltd.	UDYAM-OD- 27-0020797	7632495	
10	AUTOMETRA TECHNOLOGIES	AUTOMETRA TECHNOLOGIES	UDYAM-OD- 02-0046263	13750031	
11	PASSMAN.AI	PASSMAN.AI	UDYAM-OD- 27-0019611	13750043	
12	Ecoprisma Energies Private Limited	Ecoprisma Energies Private Limited	UDYAM-AP- 03-0112586	7630765	

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