

# DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

## AN AUTONOMOUS INSTITUTE

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Website: [www.diet.edu.in](http://www.diet.edu.in), 9963993229 E-mail: [principal@diet.edu.in](mailto:principal@diet.edu.in)



## Intellectual Property and Innovation Cell

### (1) Ecosystem for Innovations

Dadi Institute of Engineering and Technology has an outstanding and harmonious ecosystem for innovation, where research and inventions tune together and help in transformation of information and knowledge among faculty and students through Institution's Innovation Council, R&D Centre, EDC,

### Innovation Facilitating Centres

#### 1. Institution's Innovation Council(IIC):

Dadi Institute of Engineering & Technology is registered as Institution's Innovation Council(IIC) initiated by the Ministry of Education(MoE) in collaboration with AICTE to systematically foster the culture of innovation and start-up ecosystem in the Institute. Primary role is to engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPT, project handling and management at Pre-incubation/Incubation stage, etc., so that Innovation and entrepreneurship ecosystem gets established and stabilized in the Institute.

#### 2. Research and Development Centre

Research and development Unit of DIET is a hub of innovation, research, amalgamation of various ideas woven to create patents and many more in its incubation centre that was established since 2017. R&D Cell nurtures and hones research culture in the institute by encouraging research in emerging trends and stimulating boundary areas of Engineering, Society, Economics, Medical, Technology, Agriculture, Science and Humanities. In order to motivate the faculty members towards research incentives are provided for publishing their research findings in reputed journals with impact factor, grants, patents etc.,

#### 3. Entrepreneurship Development Cell

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DIET launched its EDC Cell in 2016 with a motto to bring awareness about entrepreneurship, its importance and need among students and faculty. EDC encourages entrepreneurship as a feasible and a great career choice and also offers pre-incubation provisions to the one, who would take up a career in this field. Moreover, EDC organizes various sponsored Entrepreneurship Awareness Camps, Start-up concepts, Idea contest, Women Entrepreneurship Development Programmes, Workshops, Seminars, conferences, summits and FDPs for its beneficiaries regularly.

#### **4. Product Development Lab**

Institute is recognized as Host Institute(HI) for implementation of the Incubation component under MSME Innovative Scheme

#### **5. Idea Lab**

DIET with its IDEA Lab has encouraged many students to come up with novice ideas and formulate a foundation to work on those concepts. Providing a space with loads of facilities to explore new ideas amalgamated with the syllabus, is the main purpose of IDEA Lab. Students apply their notions in collaboration with real time applications from Science, Technology, Engineering and Mathematics (STEM). Students get hands-on experience, learn and understand by its practical implementation and create the products based on theories and formulas. Doing so, leads them to interact with each other about a common goal and inspires to team work, drawbacks get allayed, nurtures visualization, develops exploration spirit and makes them a great problem solver.

#### **6. Engineering Clinic**

Enthused by Medical Clinics, Engineering field is also now encouraged to escalate Engineering Clinics in the campus. DIET has its own Engineering Clinic to merge student's engineering knowledge with real time contemporary requirements of the modern age. The age of Technology is in need of new trend every single day and students must be challenging enough to run parallel with the most demanding 21<sup>st</sup> century. The Engineering

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Clinic concepts groom the students and faculty to understand the current and future provisions and can imbibe theoretical concepts to get evolved into practical outcomes. Students at DIET interact with industrial people, Engineers from industry, learn and understand the applications and mechanism of engineering works and get hands-on experience and prepare themselves for the future. Clinics are a continuous and extensive part of the syllabus and bridge the outside world of engineering field for exploration in their four-years of undergraduate program.

### **7. ISRO Nodal Centre - Transformative Activities**

Dadi Institute of Engineering & Technology is a nodal centre for Indian Institute of Remote Sensing Outreach Programme that focuses on strengthening the Academia and User Segments in Space Technology and its applications using Online Learning Platforms. Many students and faculty from different Institutes have participated in this programme and have been certified by ISRO. The resource persons have enlightened the participants of virtual sessions with multidisciplinary topics.

### **8. NPTEL Local Chapter**

DIET is enriched with NPTEL Local Chapter where the students and faculty upgrade themselves by doing courses on recent trends.

### **9. IPR Facilitating Centre**

DIET IPR facilitating Centre motivates students and faculty to submit their ideas for Intellectual Property & Rights. With the funding support from National Research & Development Corporation and other organizations many patents are filed in Indian and other country offices.

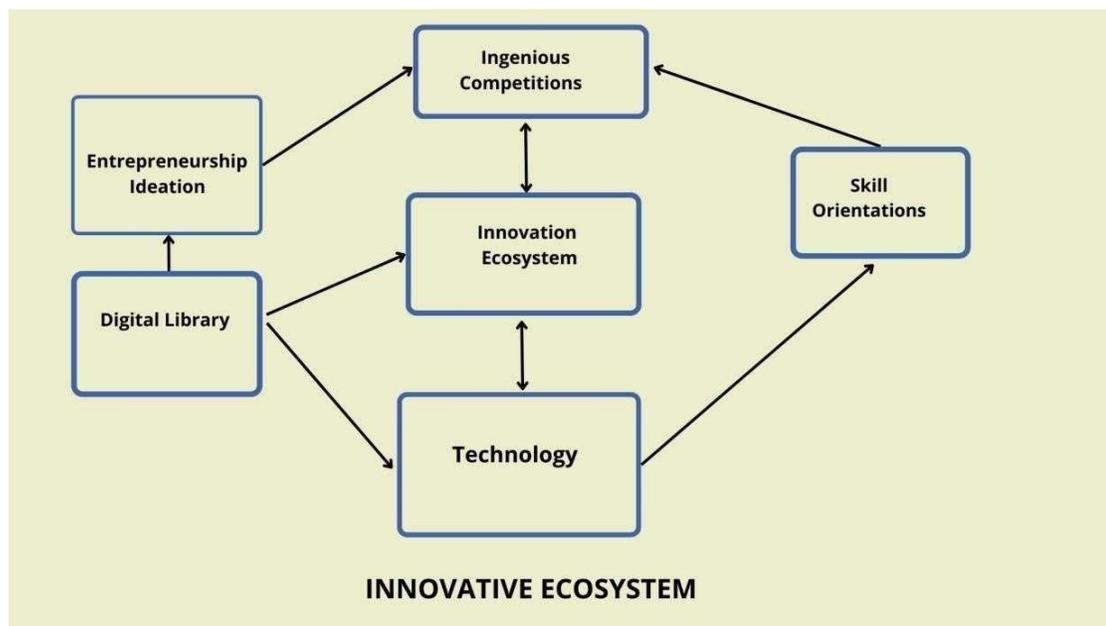


Fig.1 Innovative Ecosystem

## (2) Initiatives for Creation and Transfer of Knowledge

1. Encourage and motivate students and faculty to do extensive research in multidisciplinary areas. About 10 batches of students under the guidance of faculty from different disciplines worked together for the development of a software/technology.
2. Create a platform for encouraging students and faculty to innovate research ideas and inspire research potentialities and develop a room to see their ideas turn into reality in the form of patents, innovative projects, products and services. About

15% of the students and faculty were involved in developing innovative research ideas and contributed their potential ideas significantly in the national level government contests. Further 19 patents are filed and published by faculty and students.

3. Special focus on student and faculty Startups and Entrepreneurship development. 32 startup ideas are formulated and products are developed. One startup is registered.
4. Technology transfer by conducting various events like conferences, seminars, workshops,

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FDP, idea contests, project competition, product design, logo design for students and faculty fraternity and drive towards the field of research and innovation. Almost 100% of the students participated in these events.

5. Encourage and support the students and faculty to write papers, articles, book chapters etc., under reputed journals like web of science, SCI, Scopus indexed journals etc. 60% of the faculty and students are contributing in developing the knowledge and disseminating the knowledge through Paper publications/Conferences/Books & Book Chapters.

## Recognitions by Government

- 4-star rating achieved in Institution Innovation Ranking from Ministry of Education, AICTE
- Placed under the band 151-300 in the NIRF Rankings 2023 for Innovation, previously known as 'Atal Ranking of Institutions on Innovation Achievements' (ARIIA).
- Participation Certificates from various National and International hackathons.

## IPR CELL

IPR & TTO centers							
S.No.	Type	Facility Name	Facility Incharge Name	Facility Incharge Email	Facility Incharge Phone	Website Url	Action
1	IPR Cell	IPR Cell	Dr. B. Anjaneer Kumar	<a href="mailto:drbanjaneekumar@diet.edu.in">drbanjaneekumar@diet.edu.in</a>	8125611985	<a href="http://diet.edu.in">diet.edu.in</a>	 

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## Innovation Cell

Sr. No.	Name of Member	Member Type (Teaching/Nonteaching/Student/ External Expert)	Key Role/ Position assigned in IIC
1	Sri Dadi Ratnakar	Chairman	President
2	Dr. R. Vaikunta Rao	Principal	Vice President
3	Dr. K Sujatha	Professor	Convener
4	Dr. J. Ganesh Prasad Reddy	Professor & Vice Principal	Start Up, IPR, NIRF Coordinator
5	Dr. B. Anjanees Kumar	Associate Professor	IIC Coordinator
6	Dr. P.B. Rama Kumar	Professor	Social Media Coordinator
7	Dr ASLK Gopalamma	Associate Professor	NIRF Coordinator
8	Mr. V. Sudhakar	Assistant Professor	Internship Activity Coordinator
9	Dr. S Ramana Kumar Joga	Associate Professor	R&D and NIRF Innovation Coordinator
10	Mrs. B. T. Archana	Assistant Professor	Innovation Activity Coordinator
11	Dr. P. Poorna Priya	Associate Professor	Member
12	Mr. Ch Ramana Babu	Assistant Professor	Member
13	Dr. K.S. Eswara Rao	Professor	Member
14	Mr. K. Vijay Kumar	Assistant Professor	Member
15	Mrs. Ch. Usha	Assistant Professor	Member
16	Dr. G. V. Sridhar	Professor	Member
17	Dr.V.V. Phani Babu	Professor & Dean Academics	Member
18	Dr. P Pavitra	Assistant Professor	Member
19	Ms. K. Satyavathi	Assistant Professor	Member
20	Mrs. M. Kalyani	Assistant Professor	Member
21	Mr. V V Prasanna Kumar	Assistant Professor	Member
22	Dr. V. Bhargavi	Associate Professor	Member



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**CIRCULAR**

**1. Subject: Lecture Session on " Decoding IPR: A Founder's Guide to Patents, Trademarks, and Copyrights"**

The Department of Computer Science & Engineering is organizing a **special session** for **IV-year B.Tech. (CSE) students** on the topic: **Decoding IPR: A Founder's Guide to Patents, Trademarks, and Copyrights"**.

**Date:** 20-09-2024

**Time:** 10.00 AM to 4:00PM

**Venue:** Seminar Hall-1

**Key Takeaways:**

- **Understanding Intellectual Property Rights (IPR):** Founders must grasp the basics of patents, trademarks, and copyrights to protect their innovations and brand identity effectively.
- **Patents Protect Inventions:** Patents grant exclusive rights to inventors for a specific period, preventing others from making, using, or selling the invention without permission.
- **Trademarks Build Brand Identity:** Trademarks safeguard logos, names, and symbols that distinguish your products or services, helping establish trust and recognition in the market.
- **Copyrights Protect Creative Works:** Copyrights cover original works such as software code, designs, and content, ensuring creators maintain control over their use and distribution.

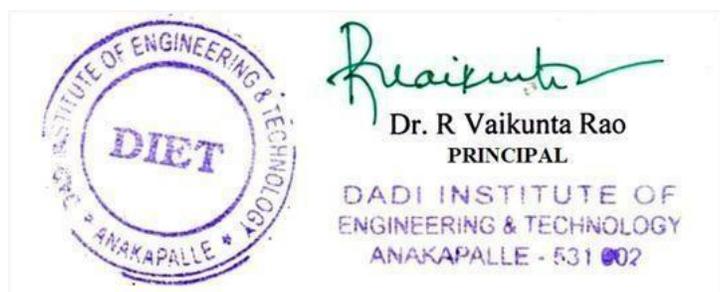
**Who Should Attend?**

1. All IV<sup>th</sup>-year B.Tech. CSE Students who are keen on enhancing their "Decoding IPR: A Founder's Guide to Patents, Trademarks, and Copyrights". Students are encouraged to attend this session to gain valuable insights into bridging the gap between innovation and market needs.

For further details, please contact:

K.Satyavathi  
Assistant Professor

Dr.K.Sujatha  
Head of the Department, CSE





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## Poster of the Event

On **20th September 2024**, the Department of Computer Science and Engineering (CSE) organized a two-day workshop for III B.Tech CSE students on the topic “**Decoding IPR: A Founder’s Guide to Patents, Trademarks, and Copyrights.**” The sessions were conducted by **Dr. Bhavya Manjeera**, a respected academician and expert in intellectual property rights and entrepreneurship. The session aimed to equip students with essential knowledge about the different facets of intellectual property rights (IPR) and their significance in protecting innovations and brand identity. Dr. Manjeera emphasized the importance of understanding patents, trademarks, and copyrights, along with strategic IPR management to safeguard startups from legal challenges and maximize their value. Through interactive discussions and practical insights, students gained clarity on how to identify, file, and enforce IPR, enabling them to build a strong foundation for their entrepreneurial ventures.



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## Department of CSE

In association with  
Institute innovation council(IIC)

Lecture Session on  
“ Decoding IPR: A Founder’s Guide to Patents ,Trademarks,& Copyrights”

RESOURCE PERSON  
DR. BHAVYA MANJEERA



ON 20-09-2024



Seminar Hall-1

Ms. K. Satyavathi  
R&D Coordinator

Dr. K. Sujatha  
HOD-CSE

Dr. R. Vaikunta Rao  
Principal

Sri Dadi Ratnakar  
Chairman



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### Objective:

The Lecture aimed to:

- To provide students with a comprehensive understanding of Intellectual Property Rights (IPR), including patents, trademarks, and copyrights.
- To explain the importance of IPR protection in fostering innovation and securing competitive advantage for startups.
- To familiarize students with the process of filing, managing, and enforcing patents, trademarks, and copyrights.
- To highlight the legal implications and risks of IPR infringement and strategies to avoid them.

### Resource Person:

**Dr. Bhavya Manjeera** is a distinguished academician and expert in the field of Intellectual Property Rights (IPR) and entrepreneurship. With extensive experience in guiding startups and innovators, Dr. Manjeera specializes in patents, trademarks, copyrights, and their strategic management to foster innovation and business growth. She has been actively involved in conducting workshops, seminars, and training programs that help students and entrepreneurs understand the complexities of IPR protection and leverage it for competitive advantage.

### Session Highlights:

In this session, we explored the fundamentals of Intellectual Property Rights, focusing on patents, trademarks, and copyrights, and why they are crucial for every startup founder. I explained how patents protect your inventions by giving you exclusive rights, while trademarks help build and secure your brand identity through logos and names. We also discussed copyrights and their role in safeguarding original creative works like software and designs. I emphasized the importance of strategically managing your intellectual property to not only protect your innovations but also to increase the value of your venture. We covered the practical steps involved in filing for IPR and highlighted common legal risks and how to avoid infringement issues.

### Key Highlights of the Session

- Clear explanation of Intellectual Property Rights (IPR) and their relevance to startups.
- In-depth discussion on patents, including what can be patented and the filing process.
- Overview of trademarks and their role in protecting brand identity.
- Understanding copyrights and how they safeguard creative and digital content.
- Emphasis on strategic IPR management to enhance business value and avoid legal issues.
- Practical guidance on the IPR filing and enforcement process.

### Conclusion:

The seminar on “Decoding IPR: A Founder’s Guide to Patents, Trademarks, and Copyrights” provided students with a clear and practical understanding of how intellectual property rights play a vital role in protecting innovations and creative assets. Dr. Bhavya Manjeera effectively demystified the complexities of patents, trademarks, and copyrights, highlighting their strategic importance in the startup ecosystem. Students walked away with valuable insights into the processes of filing, managing, and enforcing IPR, along with the knowledge needed to avoid common legal pitfalls. The interactive discussions and real-world examples made the session both informative and engaging. Overall, the seminar empowered participants to approach innovation with a strong awareness of how to safeguard and capitalize on their intellectual assets.



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## Glimpses of the Event



**Dr. Bhavya manjeera Engaging IV B.Tech CSE students during the Session**



**Dr. Bhavya manjeera Interact with IV B.Tech CSE student during the Session**



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**Participants : IV -B.Tech, CSE Students**

**List of Participants**

S.No.	Regd. No.	Name
1	20U41A05A6	KEELU KUSUMA
2	21U41A05A9	VURITI SRI SAI VENKATA PUJYASREE
3	21U41A05C3	DASARI TARUN KUMAR
4	22L61A0559	PRAGADA PALLAVI
5	22U41A0502	ADARI NITHIN
6	22U41A0503	ALLADA YAMUNA SREE
7	22U41A0504	ANASURI UMA MADHAVI
8	22U41A0505	ANDE GNANA LAKSHMI
9	22U41A0506	ANDRA BHAVYA SRI
10	22U41A0507	AYTI SAKETH SIVA PAVAN
11	22U41A0508	BARATAM VINAY KUMAR
12	22U41A0509	BODDETI PREM KUMAR
13	22U41A0510	BODDU AKASH
14	22U41A0511	BODDU REVATHI SRI
15	22U41A0512	BURRAKAYALA MADHURI
16	22U41A0513	CHELLA VENKATA SAI UJWAL
17	22U41A0514	CHERAKAPU JHANSI
18	22U41A0515	CHUKKA KUSUMA KUMARI
19	22U41A0516	DADI CHANDINI NAGA KUMARI
20	22U41A0517	DASARI KOMALI
21	22U41A0518	EADARADA DHANA VARSHITHA
22	22U41A0519	GANGADA SANDEEP
23	22U41A0520	GANGUPAM NAGA CHIRANJEEVI
24	22U41A0521	GOKADA LEELA
25	22U41A0522	GOKEDA JANARDHAN
26	22U41A0523	GONTHINI VARSHA VENKATA KUMARI
27	22U41A0524	GORLE JHANSI
28	22U41A0525	GRANDHI VAMSI KRISHNA
29	22U41A0526	JAGARAPU GAYATHRI
30	22U41A0527	KANDREGULA SUMATHI
31	22U41A0529	KARANAM JAYARAM
32	22U41A0530	KATTAMURI CHANIKYA
33	22U41A0531	KINTHALI PADMA SRI
34	22U41A0532	MEDISETTY SAI PAVAN
35	22U41A0533	MUDUNURU KRISHNA VARMA
36	22U41A0534	MUNUKUTLA PADMA HARI CHANDANA
37	22U41A0535	MUVVALA MALLESWARI



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38	22U41A0536	NAKKINA DEEPIKA
39	22U41A0537	PALLA SRAVANI
40	22U41A0538	PERAM VAMSI
41	22U41A0539	PILLA SAI SOWJANYA
42	22U41A0541	RAVIPATI KAVYA SRI
43	22U41A0543	SARIKA KARTHIK
44	22U41A0544	SILAPARASETTY DIVYA TEJA
45	22U41A0545	THOTA HARSHINI
46	22U41A0546	TIRRI TRIVENI
47	22U41A0547	VADAPALLI VIJAYA LAKSHMI
48	22U41A0548	VASAMSETTI PAVAN NARENDRA
49	22U41A0549	VEGI HARIPRASAD
50	22U41A0550	YADAGIRI HARIKA
51	22U41A0551	YEGI YASASRI
52	22U41A0552	YELAMANCHILI KALYANI
53	22U41A0553	ADARI SURYA
54	22U41A0554	AMBATI SYAMALA
55	22U41A0556	BADITABOYINA SINDHU BHARGAVI LIKHITA
56	22U41A0557	BATHULA ALEKHYA
57	22U41A0558	BEHARA HARSHITHA PATNAIK
58	22U41A0560	CHINNI GOPALA KRISHNA
59	22U41A0561	CHINTA MADHAVARAO
60	22U41A0562	DABBIRU GAYATRI KEERTHI
61	22U41A0564	DEVADI AMRUTHA VARSHINI
62	22U41A0565	DOGGA CHARISHMA
63	22U41A0566	DOKALA VARDHAN SAHIT
64	22U41A0567	GANDEPALLI RAJESH
65	22U41A0568	GATTEM MOHANA SRIJA
66	22U41A0571	GUNTURU SESHANKA MOULI
67	22U41A0572	KADIRI SRAVANI
68	22U41A0573	KAMIREDDY PRAVALLIKA
69	22U41A0574	KANDREGULA KAVYA SRI HARSHITHA
70	22U41A0575	KARRI LOKESH VASU
71	22U41A0576	KOLA GAYATHRI SATYASRI
72	22U41A0577	KOLIPAKA SOWJANYA
73	22U41A0578	KUDIPUDI RAJESH
74	22U41A0579	KUDUPUDI VAMSI NAGA SAI



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Date:-20-03-2025

Anakapalli.

To  
The Principal,  
Dadi Institute of Engineering & Technology  
Anakapalle-531002, Visakhapatnam, A.P.

**Subject: Request for Permission to Conduct an Event – “IPR Battle: Case Study Competition on Intellectual Property Disputes”**

Respected Sir/Madam,

We, the Department of Electronics and Communication Engineering, in association with the DIET R&D Cell, Institution's Innovation Council (IIC), and the DIET IE(I) Students' Self-Driven Activity Group, are planning to organize an event titled “IPR Battle: Case Study Competition on Intellectual Property Disputes”.

This event will be conducted by Mr.Y.Chaitanya, an eminent academic resource person with expertise in the field of Intellectual Property Rights. It is scheduled to be held on 24th and 25th March 2025, exclusively for 3rd-year B.Tech. ECE students.

The objective of this competition is to enhance students' awareness and understanding of Intellectual Property Rights (IPR) through practical case study analysis and interactive discussions.

We kindly seek your permission and support to conduct this event successfully.

Thank you for your consideration.

Thanking you sir

*P. Poorna Priya*

Yours Sincerely  
Dr.P.Poorna Priya  
HOD-ECE

Head of the Department  
Electronics & Communication Engg  
Dadi Institute of Engg. & Tech  
Anakapalle-531002



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### CIRCULAR

**Subject:** Event on "IPR Battle: Case Study Competition on Intellectual Property Disputes"

**Event Title:** IPR Battle: Case Study Competition on Intellectual Property Disputes

**Dates:** 24-03-2025 & 25-03-2025

**Time:** 09:00 AM to 04:00 PM

**Venue:** Seminar Hall / ECE Department (Ground Floor)

The Department of Electronics & Communication Engineering, in association with the DIET R&D Cell, IIC, and the IE(I) Students' Chapter, is organizing a case study competition titled "**IPR Battle: Case Study Competition on Intellectual Property Disputes**" for 3<sup>rd</sup> year B.Tech. ECE students.

This competition aims to foster awareness about Intellectual Property Rights (IPR) and help students explore real-world legal and ethical challenges in innovation and technology through interactive case studies.

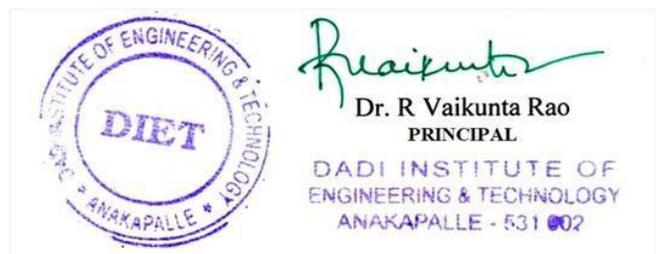
#### **Key Takeaways:**

- **IPR Awareness:** Understand the importance and types of Intellectual Property Rights in engineering and innovation.
- **Critical Analysis:** Enhance reasoning and analysis skills through real case study discussions.
- **Debate and Defense:** Develop argumentation and public speaking skills by defending your case.
- **Legal Perspective:** Learn how patent infringement and copyright disputes are addressed legally.
- **Team Collaboration:** Promote teamwork and problem-solving through group-based competition.

For further details, please contact:

Ch.Ramana Babu  
Assistant Professor

Dr.P.Poorna Priya  
Head of the Department, EcE





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### Poster of the Event



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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING  
Organizes a seminar on

**IPR Battle: Case Study Competition on Intellectual  
Property Disputes**

24- MARCH, 2025 TO 25-MARCH, 2025  
9:30AM TO 5:00PM  
VENUE:-SEMINAR HALL

GUEST:- MR.Y.CHAITANYA  
Assistant Professor-MBA-DIET(A)



**INTELLECTUAL  
PROPERTY RIGHTS**

Dr.B.Anjaneer kumar  
Coordinator-IIC

Dr.Ramana Kumar Joga  
Coordinator-R&D

Dr. P.Poorna Priya  
HOD-ECE

Dr.R.Vaikunta Rao  
Principal

Sri Dadi Ratnakar  
President



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### *Event Report*

#### **EVENT REPORT:-**

The **Department of Electronics and Communication Engineering**, in association with the **DIET R&D Cell, Institution's Innovation Council (IIC)**, and the **IE(I) Students' Chapter**, successfully organized a two-day event titled **"IPR Battle: Case Study Competition on Intellectual Property Disputes"** on **24th and 25th March 2025**. The event was specifically designed for **3<sup>rd</sup>-year B.Tech. ECE students** and was held in the **Seminar Hall (Ground Floor)**.

This competition aimed to enhance students' understanding of **Intellectual Property Rights (IPR)** and to expose them to real-world legal challenges through interactive **case study analysis**. Participants were grouped into teams and assigned well-known intellectual property dispute cases. Each team was required to research their case, understand the legal context, analyze the core issues, and present their arguments in a structured and convincing manner.

The event commenced with a formal **inaugural session**, featuring dignitaries including **Chairman Sri Dadi Ratnakar, Principal Dr. R. Vaikunta Rao, Dean Academics Dr. Eswar Rao, HoD Dr. P. Poorna Priya, R&D In-charge Dr. S. Ramana Joga, IIC Coordinator Dr. B. Anajane Kumar, and R&D Coordinator Mr. Ch. Ramana Babu**.

In his address, **Chairman Sri Dadi Ratnakar** emphasized the importance of intellectual property in today's innovation-driven economy. He encouraged students to not only invent but also protect their ideas, underlining the growing significance of IPR awareness among young technologists.

**Dr. P. Poorna Priya**, Head of the Department, highlighted the need to integrate legal awareness with technical education; ensuring students are equipped to safeguard their inventions and research outcomes.

A notable highlight of the event was the seminar sessions conducted by **Mr.Y.Chaitanya**, Assistant Professor - MBA, who played a pivotal role over the two days. He delivered insightful lectures on the theme **"IPR Battle: Case Study Competition on Intellectual Property Disputes"**, providing students with essential legal frameworks, analytical tools, and real-life perspectives on handling IP conflicts. His sessions significantly enriched the participants' understanding and helped elevate the quality of the presentations.

The event concluded on a high note, with students gaining valuable exposure to the intersection of technology, law, and innovation.



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The competition witnessed active participation from **65 students**, who demonstrated impressive research, critical thinking, and presentation skills. The event served as an effective platform for learning beyond the classroom, promoting teamwork, legal reasoning, and awareness about ethical practices in engineering.

### Learning Outcomes:

- Gained practical insights into various forms of intellectual property (patents, trademarks, copyrights).
- Understood the importance of IPR in protecting technological innovations.
- Developed critical thinking, teamwork, research, and presentation skills.
- Acquired legal awareness and the ability to analyze and articulate complex IP-related disputes.

### Program Outcomes (PO) and Program-Specific Outcomes (PSO):

PO1	<b>Business Environment and Domain Knowledge:</b> Students gained knowledge about the legal aspects of innovation and the socio-economic impact of intellectual property rights on industries and start-ups.
PSO1	<b>Discipline-Specific Outcome:</b> Students connected their engineering discipline with entrepreneurial and legal frameworks, preparing them for future challenges in innovation management and technology commercialization.



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*Event Photos: IPR Battle: Case Study Competition on Intellectual Property  
Disputes – 3rd Year B.Tech. ECE Students*





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### *Participants: -IIIInd -B-Tech. ECE Students*

<u>S.no.</u>	<u>Reg.No</u>	<u>Student name</u>
1	21U41A0464	MOHAMMED FARHAN
2	22U41A0401	BALLA MEHER KARTHIK
3	22U41A0402	BANDARU RAJA RATNA PRASAD
4	22U41A0403	BODDEDA RENUKA
5	22U41A0404	BONTHU MOHAN KUMAR
6	22U41A0405	BORA JAYA SRI
7	22U41A0406	BUSANABOINA KAVYA
8	22U41A0407	BYRI LEELA SURYAKALA
9	22U41A0408	CHANDAKA VAIDEHI
10	22U41A0409	DOPPA AMRUTHA
11	22U41A0410	DUKKA VARSHITH
12	22U41A0411	EPU DIVYA
13	22U41A0412	GAIPURI GOWTHAMI
14	22U41A0413	GORLE RESHMA
15	22U41A0414	GUDISA HARITHA
16	22U41A0415	GUDIVADA TULASI DEVI
17	22U41A0416	GUDLA JHANSI
18	22U41A0417	GUNNAM JHANSI
19	22U41A0418	JAGARAPU GREESHMA
20	22U41A0419	JAMPANA TEJA SRI
21	22U41A0420	JILAGAM MOUNIKA VEERA SAI DEVI
22	22U41A0421	KANDREGULA DEEKSHITHA
23	22U41A0422	KANDREGULA SUSMITHA
24	22U41A0423	KANDULA NARAYANA MURTHY
25	22U41A0424	KARRI NEELIMA
26	22U41A0426	KONA PAVAN
27	21U41A0464	MOHAMMED FARHAN
28	22U41A0401	BALLA MEHER KARTHIK
29	22U41A0402	BANDARU RAJA RATNA PRASAD
30	22U41A0403	BODDEDA RENUKA
31	22U41A0404	BONTHU MOHAN KUMAR
32	22U41A0405	BORA JAYA SRI
33	22U41A0406	BUSANABOINA KAVYA
34	22U41A0407	BYRI LEELA SURYAKALA
35	22U41A0408	CHANDAKA VAIDEHI
36	22U41A0409	DOPPA AMRUTHA
37	22U41A0410	DUKKA VARSHITH
38	22U41A0411	EPU DIVYA
39	22U41A0412	GAIPURI GOWTHAMI



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40	22U41A0427	KOONA SRINU
41	22U41A0429	LANKA SRI VIDYA LAVANYA
42	22U41A0430	MADDULA MEGHANA
43	22U41A0431	MAMIDI HARSHITHA
44	22U41A0433	MARISSETTY ROSHINI
45	22U41A0434	MITTIREDDY KUSUMA
46	22U41A0436	MURUKURTHI PAVAN SRI VENKAT VINAY SAI
47	22U41A0437	NAVETI KESAVA SAI KUMARI
48	22U41A0439	PANCHADARLA RAMACHANDRA RAO
49	22U41A0440	PANDE KAJAL KUMARI
50	22U41A0441	PATCHIPULUSU MOHAN SAI DURGA RAJEEV
51	22U41A0442	PEELA MAHESHDURGA GANAPATHI
52	22U41A0443	PENTAKOTA DHANA DEEPIKA
53	22U41A0444	PENTAKOTA SUJITHA SARYOU
54	22U41A0445	PILLA BHARGAVI
55	22U41A0446	POLAMARASETTY GNANESWAR TIRUMAL
56	22U41A0447	POLAMARASETTY MANOJ
57	22U41A0448	RAVADA LOKESH
58	22U41A0449	SANAPALA PAVAN KUMAR
59	22U41A0450	SARAGADA SRI VIDHYA YASASVINI
60	22U41A0427	KOONA SRINU
61	22U41A0429	LANKA SRI VIDYA LAVANYA
62	22U41A0430	MADDULA MEGHANA
63	22U41A0431	MAMIDI HARSHITHA
64	22U41A0433	MARISSETTY ROSHINI
65	22U41A0434	MITTIREDDY KUSUMA

*P. Poorna Priya*

Yours Sincerely  
Dr.P.Poorna Priya  
HOD-ECE

Head of the Department  
Electronics & Communication Engg  
Dadi Institute of Engg. & Tech  
Anakapalle-531002



*Dr. R Vaikunta Rao*

Dr. R Vaikunta Rao  
PRINCIPAL

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ANAKAPALLE - 531002



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Date: 17/06/2025  
Anakapalle

To  
The Principal,  
Dadi Institute of Engineering & Technology  
Anakapalle-531002, Visakhapatnam, A.P.

Respected sir,

Sub: Requesting to Organize an CIVIL-IIC Event on “**Self driven activity on Guardians of Innovations- Demystifying IPR**” for Civil Engineering students.

We, the Department of Civil Engineering, in association with the Institution Innovation Council (IIC) and DIET R&D Cell, are pleased to inform you that we have scheduled a **Self-Driven Activity on “Guardians of Innovations – Demystifying IPR”** for the benefit of B.Tech. Civil Engineering students.

The event will feature expert sessions by the following eminent resource persons:

**Sri Y.S.V.S. Chaitanya**, Eminent Expert – Scheduled on **18/06/2025**

**Dr. S. Ramana Kumar Joga**, Eminent Expert – Scheduled on **19/06/2025**

We kindly seek your permission to organize this event as per the schedule mentioned above.

Thank you for your continued support and encouragement.

Yours sincerely

  
HOD  
Head of the Department  
Civil Engineering  
Dadi Institute of Engg. & Tech.  
Anakapalli - 531 002.

HOD-CIVIL

Date: 17/06/2025  
Anakapalle

## CIRCULAR

This is to inform all B.Tech. Civil Engineering students that the **Department of Civil Engineering**, in association with the **Institution Innovation Council (IIC)** and **DIET R&D Cell**, is organizing a self-driven activity titled: “**Guardians of Innovations – Demystifying IPR**”

The sessions will be conducted by the following eminent academic resource persons:

- ❖ **Dr. S. Ramana Kumar Joga**, Eminent Expert

Date: **18th June 2025 (Thursday)**

Time: **11:00 AM to 12:30 PM**

Venue: **Seminar Hall – LH-7**

- ❖ **Sri Y.S.V.S. Chaitanya**, Eminent Expert

Date: **19th June 2025 (Friday)**

Time: **2:00 PM to 3:30 PM**

Venue: **Seminar Hall – LH-7**

**All Civil Engineering students are hereby informed to attend the sessions without fail.** Your active participation is highly encouraged, as the sessions will provide valuable insights into Intellectual Property Rights (IPR) and innovation practices.

**Department of Civil Engineering**  
**IIC & DIET R&D Cell**

  
HOD  
Head of the Department  
Civil Engineering  
Dadi Institute of Engg. & Tech.  
Anakapalli - 531 002.  
HOD-CIVIL

  
PRINCIPAL

**POSTER FOR THE EVENT:**



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**Department of Civil Engineering**  
In association with  
**Institute Innovation Council (IIC)**  
and  
**The Institution of Engineers (IEI)**  
Organising an Self development programme

**on**  
**"Guardians of Innovation: Demystifying IPR"**  
**Resource Persons** :1. Mr. Y.S.V.S. Chaitanya, M.B.A  
2. Dr. S.Ramana Kumar Joga

**On** 18-06-2025 & 19-06-2025  
**From** 11 AM onwards

**Venue:** LH-7, 1<sup>st</sup> Floor (DIET)

**IIC Coordinator:**  
Dr. B. Anjanee Kumar

**Mr. O. SURESH**  
R & D Coordinator, CIVIL

**Dr. V. Bhargavi**  
HOD, CIVIL

**Dr. R. Vaikunta Rao**  
Principal, DIET

**Sri Dadi Ratnakar**  
Chairman, DIET

## REPORT ON SELF DRIVEN ACTIVITY ON GUARDIANS OF INNOVATIONS- Demystifying IPR

### Report on “Self-Driven Activity on Guardians of Innovations – Demystifying IPR”

The **Department of Civil Engineering**, in association with the **DIET R&D Cell**, successfully organized a self-driven activity titled “**Guardians of Innovations – Demystifying IPR**” for **B.Tech. Civil Engineering students** at the **Dadi Institute of Engineering & Technology (DIET) Campus**.

The event featured sessions by the following eminent academic resource persons:

**Sri Y.S.V.S. Chaitanya**, Eminent Expert – delivered the session on **18th June 2025**

**Dr. S. Ramana Kumar Joga**, Eminent Expert – delivered the session on **19th June 2025**

On this occasion, all Civil Engineering students along with the department faculty members actively participated in the sessions. The activity aimed to enhance awareness and understanding of **Intellectual Property Rights (IPR)** and the role of innovation in engineering and research. The sessions were informative and interactive, offering valuable insights into the fundamentals of IPR and its significance in academic and professional domains.

The **dais** was graced by the presence of **Sri Dadi Ratnakar**, Chairman; **Dr. R. Vaikunta Rao**, Principal; **Dr. V.V. Phani Babu**, Dean of Academics; **Mrs. V. Bhargavi**, Head of the Department (Civil Engineering); **Dr. S. Ramana Kumar Joga**, R&D Convener and Assistant Professor; and **Mr. O. Suresh**, R&D Coordinator.

As per the agenda, the session commenced with a formal **inauguration ceremony**, which was preceded by a **prayer song performed by the students**.

**Honourable Chairman Sri Dadi Ratnakar Garu**, in his address, highlighted the current landscape of innovation and its vital role in national progress. He emphasized the importance of identifying market needs, nurturing innovative ideas, and effectively implementing them to achieve global growth and recognition for the nation. In this context, he reaffirmed that **Civil Engineering will continue to remain an integral pillar of DIET**, contributing significantly to infrastructure and technological advancements. He also assured that **all necessary facilities and support** will be extended to the students to foster their academic and professional growth.

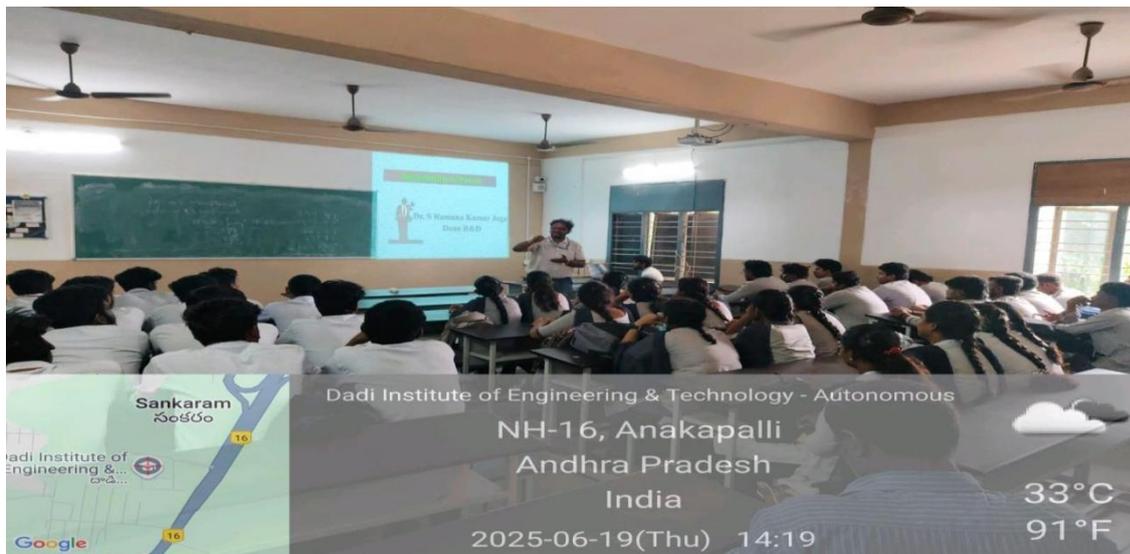
**Mrs. V. Bhargavi**, Head of the Department of Civil Engineering, while addressing the gathering, mentioned the visit of **Sri Y.S.V.S. Chaitanya**, an eminent expert, on **18th June 2025**, and **Dr. S. Ramana Kumar Joga**, another distinguished expert, on **19th June 2025**, to the Civil Engineering Department at DIET. She appreciated their dedication and efforts in sharing their valuable knowledge with the students. She also commended their insightful contributions on “**Guardians of Innovations – Demystifying IPR**” which greatly inspired the young Civil Engineering students.



Dr.V,Bhargavi, HOD is addressing the Students about Guardians of Innovations – Demystifying IPR



Expert talk by Sri Y.S.V.S. Chaitanya for II, III B.Tech. Civil students



**Expert talk by Dr.S.Ramana Kumar Joga for II, III B.Tech. Civil students**



### Topics covered by in the first day session: on 18-06-2025

- IPR
- Types of IPR
- Misconceptions in IPR
- Real-life examples
- Where to register
- Symbols & keytakeaways

### KEY OUTCOMES OF THE EVENT

Participants gained a clear understanding of what IPR entails and its growing relevance in innovation, startups, academia, and industry.

The session gives insights about The session provided in-depth insights into various types of IPR including **Patents** – For inventions, **Copyrights** – For creative works, **Trademarks** – For brand names/logos, **Designs** – For product aesthetics, **Geographical Indications** – For location-based products, **Trade Secrets** – For confidential business information.

Key Takeaways for Participants: Protect your innovation early, Understand which type of IPR applies to your work, Use IPR strategically in your career or startup, Consult IP professionals or institutional IPR cells when needed, Recognize the value of IP in contributing to national and global growth.

**Eminent Expert Sri Y.S.V.S. Chaitanya**, in his session on **18/06/2025**, provided valuable insights into the significance of Intellectual Property Rights (IPR) in today's innovation-driven world. He cited real-world examples such as the **Apple iPhone** and **Nike shoes** to emphasize how global brands strategically use **design, patents, trademarks, and branding** to protect their innovations and maintain market leadership.

He highlighted the importance of keeping the **end-user in focus throughout the innovation process**, demonstrating how thoughtful design and strong IP protection contribute not just to commercial success but also to long-term brand value.

**He highlighted the crucial role of Intellectual Property Rights (IPR)** in fostering innovation and encouraged participants to actively utilize various supportive schemes such as the **Virtual Innovation Register, Provisional Patent Scheme**, and the **Prototyping Grant Scheme** offered by the **Goa State Innovation Council**, to strengthen their innovations and move toward successful commercialization.

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He emphasized the **importance of passion among young engineers**, calling them the true architects of a great nation. Reflecting on his own research journey, he shared that he had received very little guidance early in his career. This experience, he said, fuels his strong commitment to **support young Civil Engineering students** by ensuring they have access to **all necessary resources, mentorship, and direction** to pursue their innovative ideas with confidence and clarity.

### Topics covered by in the second day session: on 19-06-2025

- Patents
- Design
- trade marks
- copy rights

### KEY OUTCOMES OF THE EVENT:

Participants gained a clear understanding of what **patents** are and their importance in protecting inventions. Explained the **process of patent filing** in India, including provisional vs. complete specifications.

The session gives insights about The session provided in-depth insights into the concept of **industrial designs** and their role in protecting the **appearance and aesthetic** features of products. Showcased examples where design registration provided a **competitive market edge** (e.g., SONY TV design , trade mark,and its patent, Pharmaceutical Products).

**Eminent Expert Dr. S. Ramana Kumar Joga**, during his session on **19th June 2025**, provided valuable insights into the significance of Intellectual Property Rights (IPR) in the field of high-end consumer electronics. He explained how **Sony holds patents on several core television technologies**, which form the foundation of its innovation and product excellence.

These patented technologies include: **Display technologies** such as **OLED, QLED, and Micro-LED panels**, **Advanced sound systems** like **Acoustic Surface Audio**, where sound is projected directly from the screen , **Image processing algorithms and processors**, including the **XR Cognitive Processor**, which enhance picture clarity, contrast, and motion smoothness.

He emphasized that these innovations, protected by patents, provide Sony with a significant **competitive advantage** in the global market and highlighted the **critical role of IP protection** in fostering innovation, securing market leadership, and encouraging continued technological advancement.

guidance, She started sharing her views to all the Civil Engineering aspirants both students and professionals. The main reason to bring students and professionals on a single large platform is to bridge the gap between start-up and company.

The session was concluded with vote of thanks mentioning **Dr. R. Vaikunta Rao**, Principal; **Dr. V.V. Phani Babu**, Dean of Academics; **Mrs. V. Bhargavi**, Head of the Department (Civil Engineering); **Dr. S. Ramana Kumar Joga**, R&D Convener and Assistant Professor; and **Mr. O. Suresh**, R&D Coordinator.

Mr. O.Suresh, R&D Coordinator is giving vote of thanks to the Students and mainly about eminent speakers on self-driven activity about **Guardians of Innovations – Demystifying IPR**



1627/3, Anakapalle, Sankaram, Andhra Pradesh 531001, India,

Lat: 17.690268, Long: 83.027242

18 Jun, 25, 12:49 pm, Wednesday



34.82° 97 E

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### Students Participation for the self driven activity on Guardians of Innovations – Demystifying IPR



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### DEPARTMENT OF CIVIL ENGINEERING

#### STUDENT ATTENDANCE FOR SELF-DRIVEN ACTIVITY

S No.	Roll. No.	Name of the Student	Signature
1.	24U41A0101	ALLA.SHANMUKH	Shanmukh
2.	24U41A0102	BADITHABOYINA MOHINI PRIYA	B. Mohini Priya
3.	24U41A0103	BAILAPURI VARA PRASAD	Vara Prasad
4.	24U41A0104	BARNIKALA HEMALATHA	B. Hemalatha
5.	24U41A0105	BODEDA JAYANTHI	B. Jayanthi
6.	24U41A0106	CHALLA SAI KUMAR	Sai Kumar
7.	24U41A0107	CHUKKA PRASANTH	Ch. Prasanth
8.	24U41A0108	DADI MRUNALI	D. Mrunali
9.	24U41A0110	GORLE SURYA PRAKASH	Surya Prakash
10.	24U41A0111	GUDIMETLA MANIKANTA REDDY	G. Mani
11.	24U41A0112	GULLIPALLI TEJASWANI	G. Tejaswani
12.	24U41A0113	IPPILI GOVARDHAN SAI	I. Govardhan
13.	24U41A0115	KODURU SRI GANESH	Sri Ganesh
14.	24U41A0116	KONATHALA BHARGAVI	K. Bhargavi
15.	24U41A0117	KOTA KISHORE NAIDU	K. Kishore
16.	24U41A0118	KOTARU BHAGYA SRI	K. Bhagya Sri
17.	24U41A0119	LANKA SATHISH	Sathish
18.	24U41A0120	NAGIREDDY LOHIT KUMAR	Lohit
19.	24U41A0121	NANEPALLI RAM TEJA	Ram Teja
20.	24U41A0122	NANEPALLI SHYAM KUMAR	Shyam
21.	24U41A0123	PANDURI SIVA RAMA HIMA	P. Hima
22.	24U41A0124	POLAMARSETTY PRASANTH SAI CHINNA	P. Prasanth
23.	24U41A0125	POOTHI SRINIVAS REDDY	P. Srinivas
24.	24U41A0126	PECHETTI YOGENDRA KUMAR	Yogi
25.	24U41A0127	SANTHA HEMALATHA	Hemalatha
26.	24U41A0128	SARVASUDDI NEELIMA	S. Neelima
27.	24U41A0129	TANUBUDDI LEELA VENKATA MANIKANTA	Manikanta
28.	24U41A0130	VARRI LOKESH	V. Lokesh
29.	24U41A0131	VILLURI CHANAKYA	Chanakya
30.	24U41A0132	VIYYAPU CHARAN SHAKTHI YADAV	V. Charan Shakthi
31.	24U41A0133	YAVVARI KARTHIK	Karthik



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S No.	Reg No.	Name of the Student	Signature
32.	23U41A0101	ADARI JANAKI RAM	
33.	23U41A0102	MADAGALA CHIRANJEEVI	
34.	23U41A0103	MUVVALA RAMA KRISHNA	
35.	23U41A0104	SUNKARA HEMANTH KUMAR	
36.	23U41A0105	SAGENI DHANA LAKSHMI	
37.	23U41A0106	SANGEESHA AVINASH	
38.	23U41A0107	SASUBILLI KARTHEEK	
39.	24U45A0101	ALLA AJAYA SRINIVASA RAO	
40.	24U45A0102	BHARGAVI SENAPATHI	
41.	24U45A0103	BEESETTI POORNESWAR RAO	
42.	24U45A0104	BORA NIRMALA	
43.	24U45A0105	CHALLA SAI PAVAN	
44.	24U45A0106	ESARAPU SAROJA	
45.	24U45A0107	IJJIROUTHU PRASAD	
46.	24U45A0108	KOSINTI SRIKANTH	
47.	24U45A0109	MALLA PRUDVI SAI	
48.	24U45A0110	POLAMARASETTI DURGA PAVAN RAJESH	
49.	24U45A0111	RAJANA BHASKARA RAO	
50.	24U45A0112	RAJANA MANIKANTA	
51.	24U45A0113	T POORNA SAI	

19/06/2022  
CIVIL R & D COORDINATOR

HOD  
Head of the Department  
Civil Engineering  
Dadi Institute of Engg. & Tech.  
Anakapalli - 531 002.



# DADI INSTITUTE OF ENGINEERING & TECHNOLOGY (AN AUTONOMOUS INSTITUTE)



## Department of Civil Engineering

in association with

Institution's Innovation Council (IIC) and  
Institution of Engineers (India) (IEI)

&

Research & Development Cell

Organising a One Day Seminar on

## IP Management and Commercialization Strategies in HEIs: Role of NRDC



**Dr. P. Bhavya manjeera**

M.Tech, PhD, PG diploma (EM&HS), PG Diploma-  
Danida fellowship (IP&ToT), CBS, Denmark  
Scientist & A.M, Group A, NRDC



**Ms. Preethi Niharika**

Patent Agent and Assistant Manager,  
National Research Development Corporation,  
Ministry of S&T, DSIR, GoI

on 05-07-2024, VENUE: SEMINAR HALL From 01.00 P.M. Onwards

**Mr. VV PRASANNA KUMAR**

R&D Coordinator

**Mr. MRVSG GUPTHA**

Event Coordinator

**Dr. R.VAIKUNTA RAO**

Principal

**Sri DADI RATNAKAR**

Chairman



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## DEPARTMENT OF CIVIL ENGINEERING

in association with

DIET IE(I) Chapter &

Institution's Innovation Council (IIC)

### ONE DAY SEMINAR ON "IP MANAGEMENT AND COMMERCIALIZATION STRATEGIES IN HEIS: ROLE OF NRDC"

Date: 05-07-2024

Venue: Seminar Hall 01

#### Agenda

Time	Description of the Activity
12:45 PM to 01:00 PM	Gathering of the staff members to seminar hall 01
01:00 PM to 01:05 PM	Inviting the Dignitaries on the stage
01:05 PM	Principal sir speech
01:15 PM to 02:15 PM	Session by Dr. Bhavya Manjeera, NRDC
02:15 PM to 03:15 PM	Session by Ms. Preethi Niharika, Patent Agent, NRDC
03:15 PM to 03:45 PM	Questionnaire
03:45 PM to 03:55 PM	Felicitation of Resource persons by Principal sir
03:55 PM	Vote of thanks by Mr. Y. Hemanth Kumar

*M. Gupta*

04/07/2024

Head of the Department

Civil Engineering

Dadi Institute of Engg. & Tech.

Anakapalli - 531 002.

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### Report on “World Intellectual Property Day”

Organized at Dadi Institute of Engineering and Technology, Anakapalle  
Date: 26th April 2025

Dadi Institute of Engineering and Technology (DIET), Anakapalle, organized a seminar on the occasion of *World Intellectual Property Day* on 26th April 2025. The event aimed to create awareness among students and faculty about the importance of intellectual property rights (IPR) in fostering innovation, protecting creativity, and enabling entrepreneurship.

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**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
Organizes a Celebrations on  
**World Intellectual Property Day**

**26-APRIL, 2025**  
**9:30 AM TO 5:00 PM**  
**VENUE-SEMINAR HALL**

Dr.B.Anjanees kumar  
Coordinator-IIC

Dr.Ramana Kumar Joga  
Coordinator-R&D

Dr. P.Poorna Priya  
HOD-ECE

Dr.R.Vaikunta Rao  
Principal

Sri Dadi Ratnakar  
President

Poster

The keynote Seminar session was delivered by **Dr. S. Ramana Kumar Joga, Ph.D., Post-Doctoral Fellow, and Dean (R&D), DIET**, on the topic “*Fundamentals of IPR.*” From 9 AM to 4 PM for around 60 participants.

In his address, Dr. Joga highlighted the critical role of Intellectual Property Rights in today’s knowledge-driven economy. He explained the **different categories of IPR**—patents, copyrights, trademarks, designs, and geographical indications—and their relevance in safeguarding innovative ideas. He emphasized that IPR not only provides legal protection to

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innovators but also encourages research and development by ensuring due recognition and commercial benefits.



keynote Seminar session was delivered by **Dr. S. Ramana Kumar Joga, Ph.D., Post-Doctoral Fellow, and Dean (R&D), DIET**

Dr. Joga also discussed the **process of patent filing in India**, steps involved in prior art search, and the significance of originality in inventions. He stressed the need for engineering students and budding entrepreneurs to be aware of IPR as a tool to transform their projects and prototypes into marketable products. Practical examples of how startups and innovators benefited from protecting their intellectual assets were shared, making the session highly interactive and informative. The fundamentals of Intellectual Property Rights (IPR) lie in the recognition and protection of creations of the human mind, which include inventions, literary and artistic works, designs, symbols, names, and images used in commerce, and they are designed to encourage creativity, foster innovation, and facilitate fair competition in society by granting exclusive rights to creators and innovators over their intellectual output for a certain period of time; essentially, IPR ensures that individuals and organizations can benefit from the time, effort, and resources invested in their creative or inventive processes while also contributing to the overall progress of science, technology, culture, and economy, and understanding its fundamentals requires exploring its major categories, principles, processes, and implications; patents form one of the core elements of IPR, as they provide inventors with the exclusive right to make, use, and sell an invention for a specified period, usually 20 years, in exchange for public disclosure of the invention, and patents are granted only to novel, non-

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obvious, and industrially applicable inventions, ensuring that trivial modifications or existing knowledge cannot be claimed as new inventions, which makes patent search and prior art analysis critical before filing; trademarks constitute another important form of IPR that protect brand identity by safeguarding distinctive signs, logos, symbols, or words that differentiate goods and services of one entity from another, thereby building trust among consumers and preventing unfair competition; copyrights, on the other hand, safeguard literary, artistic, musical, and dramatic works, computer software, and cinematographic films, granting authors moral and economic rights over their creations while balancing the need for public access to knowledge, since copyright protection is automatic upon creation and generally lasts for the lifetime of the author plus several decades, depending on jurisdiction; industrial designs protect the aesthetic features or ornamental aspects of articles, ensuring that the unique shape, configuration, pattern, or color combination applied to a product is not misused by competitors, while geographical indications (GIs) safeguard products that have a specific geographical origin and possess qualities or reputation due to that origin, such as Darjeeling tea or Pochampally ikat, thereby linking local knowledge and culture with market value; trade secrets form another less formal but equally vital part of IPR, protecting confidential business information like formulas, processes, or methods that provide a competitive advantage, with the Coca-Cola recipe being a classic example, and unlike patents, trade secrets do not require registration but demand strict confidentiality measures to retain their value; beyond these categories, the fundamentals of IPR also emphasize the rationale behind granting such rights, which lies in striking a balance between the interest of innovators and the larger public good, since granting exclusivity provides incentives for innovation and investment, while eventual expiration or compulsory licensing ensures that society benefits from widespread dissemination of knowledge and technology; understanding the process of IPR protection is also central to its fundamentals, beginning with the identification of protectable subject matter, conducting novelty or prior art searches, preparing technical and legal documentation, filing applications with relevant authorities such as the Indian Patent Office or World Intellectual Property Organization (WIPO), examination by experts, grant of rights, and eventual enforcement through legal mechanisms in case of infringement; the enforcement of IPR is a fundamental aspect because mere grant of rights without mechanisms to prevent unauthorized use would render the system ineffective, and hence legal remedies such as injunctions, damages, and seizure of counterfeit goods are critical in ensuring compliance, while alternative dispute resolution methods like arbitration and mediation are also increasingly encouraged for speedy resolution of IPR conflicts; the fundamentals also require an appreciation of international frameworks such as the Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS) under the World Trade Organization, which harmonizes minimum standards of IPR protection across member countries while allowing flexibilities for developing nations, and institutions like WIPO play a key role in fostering cooperation, promoting global IPR awareness, and offering systems like the Patent Cooperation Treaty (PCT) for streamlined international patent filing; at a conceptual level, the fundamentals of IPR also explore debates around access versus exclusivity, since while IPR provides incentives to

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innovators, it may sometimes limit access to essential technologies, medicines, or educational resources, and hence policy measures like compulsory licensing, fair use in copyright, and open-source models in software are introduced to maintain equilibrium; from the perspective of students, researchers, and entrepreneurs, the fundamentals emphasize that awareness of IPR is essential not just for legal protection but also for converting ideas into tangible assets, attracting investors, and sustaining competitive advantage in the market, and it is increasingly being integrated into curricula, startup policies, and research frameworks to nurture an innovation-driven economy; in India, for example, the National IPR Policy provides a comprehensive framework to strengthen IPR awareness, generation, protection, commercialization, and enforcement, aligning with the vision of fostering creativity and entrepreneurship, while globally, IPR is being linked with emerging domains such as artificial intelligence, biotechnology, digital media, and green technologies, raising new questions about ownership, authorship, and ethical use of knowledge; fundamentally, IPR serves as the bridge between knowledge creation and wealth generation by ensuring that innovators are rewarded, society benefits from diffusion of knowledge, and industries gain competitive strength through innovation, and hence a sound understanding of its principles, categories, procedures, and applications forms the foundation of any innovation ecosystem that aims to thrive in the modern knowledge-based economy. The process of patent filing is a structured legal and technical journey that transforms an idea or invention into a protected intellectual asset, and understanding it in detail requires carefully following each stage from conception to grant; the process begins with **identifying a patentable invention**, meaning the creator must ensure that the idea qualifies under the three core criteria—novelty, inventive step (non-obviousness), and industrial applicability—and this step often involves the inventor asking whether the idea is truly new, whether it provides a technical advancement over existing knowledge, and whether it can be manufactured or used in some practical way; once an invention is identified, the next step is **prior art search**, which is crucial to determine whether similar inventions already exist in the public domain, and this search can be conducted through databases such as the Indian Patent Office, USPTO, EPO, WIPO's PATENTSCOPE, and even scientific journals or technical disclosures, since failure to conduct a thorough prior art search can lead to rejection later in the process; following this, the inventor moves to the **drafting of a patent specification**, which is often regarded as the most critical and challenging stage because the patent document must clearly describe the invention in technical and legal terms while ensuring that the scope of protection is neither too narrow (which limits protection) nor too broad (which may invite rejection), and the specification typically includes the title of the invention, field of the invention, background (problem addressed), summary of the invention, detailed description with examples, drawings or diagrams if necessary, and most importantly, the **claims section**, which legally defines the boundaries of protection granted by the patent; depending on the stage of development, the applicant can file either a **provisional application** or a **complete specification**, where a provisional application is filed when the invention is not yet fully developed but the inventor wants to secure a priority date, giving them 12 months to file the complete specification, whereas the complete specification must contain the full details of the

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invention and claims; after drafting, the inventor proceeds to **filing the patent application** at the relevant patent office, such as the Indian Patent Office under the Controller General of Patents, Designs and Trademarks (CGPDTM), and this can be done physically or electronically, with forms like Form 1 (application), Form 2 (provisional or complete specification), Form 3 (statement of undertaking regarding foreign applications), and other supporting documents like Form 5 (declaration of inventorship), alongside the prescribed fees, and applicants can also seek assistance from registered patent agents for accuracy; once filed, the patent application is accorded a **filing date and application number**, which are crucial for establishing priority in case of competing inventions; the next step is **publication of the application**, where ordinarily, every patent application is automatically published after 18 months from the date of filing or priority date, whichever is earlier, unless the applicant requests early publication, and this stage makes the invention publicly accessible, allowing competitors, industries, or researchers to review the content; after publication, the patent does not automatically undergo examination, which is why the applicant must file a **request for examination (RFE)** within 48 months from the date of filing or priority, and only then the patent office assigns the application to an examiner; the **examination stage** is rigorous and involves the examiner checking for compliance with patentability requirements, such as novelty, inventive step, industrial applicability, sufficiency of disclosure, clarity of claims, and absence of prior art conflicts, after which an **examination report** is issued, often called the First Examination Report (FER), listing objections or requirements for clarification; the inventor or applicant then has to respond to these objections through amendments, explanations, or hearings with the controller, and this process may involve multiple rounds of communication before the controller is satisfied; if the objections are not satisfactorily resolved, the application may be refused, but if the examiner finds the invention patentable and all formalities are complete, the patent is **granted and published in the Patent Journal**, thereby conferring upon the patentee exclusive rights to prevent others from making, using, selling, or distributing the patented invention without consent for a period of 20 years from the filing date, subject to the payment of renewal or maintenance fees; beyond grant, the inventor must also be mindful of **post-grant obligations**, such as payment of annual renewal fees to keep the patent in force, disclosing the working of the patent in India through Form 27, and monitoring for infringement since enforcement is the patentee's responsibility, which can involve filing suits for injunctions, damages, or royalties in case of unauthorized use; the process of patent filing also extends to international protection, since patents are territorial and valid only within the jurisdiction where filed, and inventors aiming for global protection can utilize mechanisms like the **Patent Cooperation Treaty (PCT)**, which allows filing a single international application designating multiple countries, giving the inventor 30 or 31 months to enter national phases in desired countries, or they may file directly in foreign patent offices; throughout this process, inventors must balance strategy and cost, since filing patents involves fees, attorney charges, and maintenance expenses, and not every idea needs global coverage—hence strategic decisions about markets, commercialization potential, and competitive landscapes are fundamental; in essence, the process of patent filing, while systematic, is a blend of legal precision, technical clarity, and

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strategic foresight, where each stage—from identifying an invention, conducting prior art searches, drafting the specification, filing and publication, requesting examination, responding to objections, and finally obtaining and maintaining the grant—plays a critical role in ensuring that the invention is not only protected but also capable of delivering commercial, social, or academic value, making it a cornerstone of intellectual property management and innovation ecosystems worldwide.

### Glimpses of the Event:



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Students' participation in the Event

In conclusion, the celebration of *World Intellectual Property Day* serves as a powerful reminder of the pivotal role that creativity, innovation, and intellectual property play in shaping societies, driving economies, and improving lives across the globe, and the observance of this day provides not just a platform for awareness but also a call to action for students, researchers, entrepreneurs, policymakers, and industries to recognize that the protection of ideas is as important as their creation; intellectual property rights are not merely legal instruments but catalysts that transform imagination into marketable products, foster entrepreneurship, safeguard cultural heritage, and enable fair competition, thereby bridging the gap between knowledge and sustainable development, and as highlighted through various discussions, seminars, and expert sessions held on this occasion, including insightful talks on the fundamentals of IPR, the event underscores the fact that securing rights over inventions, artistic works, designs, or brands is a prerequisite for building strong innovation ecosystems; furthermore, World Intellectual Property Day emphasizes the balance between rewarding creators and ensuring access to knowledge for society at large, reminding us that while patents, copyrights, trademarks, and geographical indications incentivize innovation, their ultimate purpose lies in contributing to the greater public good; this day also reinforces the need for educational institutions to integrate IPR awareness into academic and research frameworks, enabling young innovators to understand the value of protecting their ideas early on and transforming them into entrepreneurial ventures that can compete globally; in the present knowledge-driven economy, where emerging technologies such as artificial intelligence, biotechnology, renewable energy, and digital media are redefining the boundaries of

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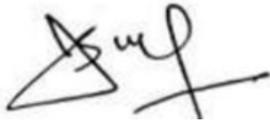
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innovation, understanding and leveraging intellectual property has become more crucial than ever, and the celebration of World Intellectual Property Day instills confidence in innovators that their contributions are valued and safeguarded; by promoting respect for intellectual property, spreading awareness about rights and responsibilities, and encouraging collaborations between academia, industry, and government, the event strengthens the foundation for a culture of innovation that benefits individuals, communities, and nations alike; ultimately, the essence of this day lies in acknowledging that every idea has the potential to change the world if nurtured, protected, and translated into action, and thus World Intellectual Property Day stands as a symbol of empowerment for creators and a commitment to a future where innovation and creativity drive inclusive and sustainable growth.



**(Dr. S Ramana Kumar Joga)**

**R&D Coordinator**

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## Report on Workshop on Intellectual Property Rights (IPRs) and IP Management for Startups

Event Dates: 8th – 9th September 2025

Venue: Dadi Institute of Engineering and Technology, Anakapalle

Duration: 2 Days (12 hours per day)

Participants: 50 Students, 5 External Faculty, and 10 Internal Faculty

### Introduction

A two-day workshop on “*Intellectual Property Rights (IPRs) and IP Management for Startups*” was organized at **Dadi Institute of Engineering and Technology, Anakapalle** on **8th and 9th September 2025**. The workshop aimed to create awareness among students, faculty, and budding entrepreneurs about the significance of IPRs in fostering innovation, protecting inventions, and supporting startups in building a competitive edge.



Report on  
**WORKSHOP ON  
INTELLECTUAL PROPERTY RIGHTS  
(IPRS) AND IP MANAGEMENT  
FOR STARTUPS**

**Event Dates: 8<sup>th</sup> - 9<sup>th</sup> September, 2025**

**Venue: DADI INSTITUTE OF ENGIN-  
EERING AND TECHNOLOGY,  
ANAKAPALLE**

**Duration: 2 Days (6 Hour, Per Day)**

Poster of the Workshop on Intellectual Property Rights (IPRs) and IP Management for Startups



# DADI INSTITUTE OF ENGINEERING & TECHNOLOGY

## An Autonomous Institute

Approved by A.I.C.T.E & Permanently affiliated to JNTU GV

Accredited by NAAC with 'A' Grade and Inclusion u/s 2(f) & 12(B) of UGC Act

An ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018 Certified Institute.

NH-16, Anakapalle - 531002, Visakhapatnam, A.P.

Website: [www.diet.edu.in](http://www.diet.edu.in), 9963993229, E-mail: [principal@diet.edu.in](mailto:principal@diet.edu.in)

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### Objectives

- To provide comprehensive knowledge about different forms of Intellectual Property (Patents, Copyrights, Trademarks, Industrial Designs, and Geographical Indications).
- To highlight the importance of IPRs in the startup ecosystem.
- To train participants on IP filing procedures and IP management strategies.
- To build awareness about commercialization of IP and its role in entrepreneurship.

### Sessions Overview

The workshop was conducted over two days with **6 hours of intensive training each day**, combining expert lectures, interactive sessions, and hands-on activities.



Principal Interaction with the Guest Lectures of the workshop on IPR & Startup

#### Day 1 – 8th September 2025

- **Session 1:** Introduction to IPR – Types, Scope, and Relevance in Innovation.
- **Session 2:** Patents – Filing Process, Patentability Criteria, and Case Studies.
- **Session 3:** Copyrights and Trademarks – Legal Framework, Registration, and Startup Benefits.

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- **Session 4: Interactive Group Activity – Identifying IP in Innovative Student Ideas.**



Students Participation in Day 1 of the event

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### Day 2 – 9th September 2025

- **Session 5:** IP Management for Startups – Strategies for Protection and Growth.
- **Session 6:** Licensing, Technology Transfer, and Commercialization of IP.
- **Session 7:** IPR Challenges in Startups – Common Issues and Practical Solutions.
- **Session 8:** Panel Discussion with Experts – *“Leveraging IPR for Entrepreneurial Success.”*



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Day-2 Students participation in the workshop on IPR and Startup

### Participation

The workshop witnessed active participation from **50 students**, **5 external faculty members** from neighboring institutions, and **10 internal faculty members**. Participants showed enthusiasm in discussions, case studies, and group activities. The involvement of external faculty enriched the workshop by bringing diverse perspectives.

### Outcomes

- Enhanced awareness of Intellectual Property Rights among students and faculty.
- Practical understanding of the patent filing process and IP documentation.
- Exposure to real-world case studies of startups leveraging IPR.
- Strengthened collaboration between students, faculty, and external experts for innovation-driven entrepreneurship.

### Conclusion

The two-day workshop on *“Intellectual Property Rights (IPRs) and IP Management for Startups”* at **Dadi Institute of Engineering and Technology** successfully fulfilled its objectives of equipping students and faculty with the necessary knowledge and skills to

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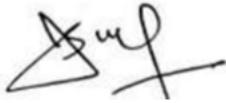
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understand, protect, and manage intellectual property. It motivated participants to integrate IPR awareness into their innovative projects and entrepreneurial ventures.



**(Dr. S Ramana Kumar Joga)**

**R&D Coordinator**