



# **J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY**

**UGC Autonomous**

(Accredited by NBA & NAAC, Approved by AICTE & Permanently Affiliated to JNTUH)

Bhaskar Nagar, Yenkapally (V), Moinabad(M), P.O. Himayathnagar, R.R. District, Hyderabad-5000075.

## ***Department of Electrical and Electronics Engineering***

**Report on**

### ***IPR Awareness Program “Patent Creation Registration”***

**Saturday 21<sup>st</sup> February, 2026@ 10.30 AM**

### **Resource Person**

**Dr. N. Nagarajan, B.E., M.E., Ph.D,**  
Technical Director & Lead Patent Analyst.

### **Co-Ordinator's**

**Mr. G. Upendra Rao, Assistant Professor, EEE Dept.,**

**Mrs. A. Hima Bindu, Assistant Professor, EEE Dept.,**

### **Convener**

**Dr. P. Duraipandy,**  
Associate Professor & Head of the Department

## **PREAMBLE**

The Department of Electrical and Electronics Engineering was conducted an **IPR Awareness Program on "Patent Creation Registration"** for the Students of UG courses.

J.B. Institute of Engineering and Technology was established in 1998, popularly known as JBIET, is a UGC approved Autonomous Institution. JBIET is a NBA and NAAC accredited Institution. The Institute has various laboratories, workshops and other support systems to provide a hands-on experience. It can boast of its well qualified and expert faculty who inculcate the best values and principles. The Institution aims at the holistic development of the students and has a notable Placement track record. The institute also nurtures and promotes Entrepreneurship, provides end to end support in the form of funding for startups. JBIET has been ranked consistently among top Institutions in Telangana and India.

Department of Electrical and Electronics Engineering is one of the oldest departments of JBIET, started in 1998 with a team of highly experienced faculty members. Department offers one UG program (B.Tech – EEE) and one PG program (M.Tech – EPS), with a present intake of 30 UG and 12 PG students. It is accredited by NBA under Tier-I. The department organized various programs such as Faculty development programs, hands-on sessions and technical workshops to strengthen the overall development of the Students and Faculty.

Dr. N. Nagarajan, Technical Director & Lead Patent Analyst., from NSKD delivered the Lecture.

### **The course content delivered in the Lecture is as follows:**

The program began with an introduction to Intellectual Property Rights (IPR), highlighting its importance in protecting innovations and promoting research and development. Various forms of intellectual property such as patents, copyrights, trademarks, industrial designs, and geographical indications were discussed, with special emphasis on their relevance in academic and research institutions.

The session then focused on the fundamentals of patents, explaining the concept of patentable and non-patentable inventions. The resource person elaborated on the essential criteria for patentability, namely novelty, inventive step, and industrial applicability. Participants were introduced to different types of patents, including product and process patents, along with the rights granted to patent holders and the duration of patent protection.

Further, the program covered the importance of conducting a prior art search before filing a patent. Participants were guided on how to use various patent databases and understand patent documents such as abstracts, specifications, and claims. The structure of a patent application was explained in detail, including the preparation of title, abstract, background, detailed description, claims, and drawings. Practical insights into drafting effective claims and avoiding common mistakes during patent preparation were also provided.

The procedure for patent filing and registration in India was discussed comprehensively, including the stages of filing provisional and complete specifications, publication, examination, responding to First Examination Reports (FER), and the final grant of patent. The session

concluded with an overview of patent commercialization, licensing, and technology transfer, emphasizing the role of startups, incubation centers, and institutional IPR policies in promoting innovation.

Overall, the program enabled participants to gain a clear understanding of patent creation, drafting, filing, and registration processes, thereby encouraging innovation and research-driven development among faculty members and students.

# *Event Brochure*



INSTITUTE OF  
ENGINEERING &  
TECHNOLOGY  
UGC Autonomous



Yenkapally(V), Moinabad(M), R.R.District, Hyderabad-500075 @www.jbiet.edu.in

## IPR Awareness Program on **PATENT CREATION AND REGISTRATION**

Mode: Online

Organized by  
**Department of Electrical &  
Electronics Engineering**

 SATURDAY | **21** FEB 2026

 10:30 AM - 12:30 PM



**Resource Person**

**Dr. N. Nagarajan**

Technical Director & Lead  
Patent Analyst, NSKD

### **Convener**

Dr.P.Duraipandy, Assoc. Prof. & HOD, EEE Dept.

### **Coordinators**

Mr. G. Upendra Rao, Assist. Prof., EEE Dept.

Mrs. A. Hima Bindu, Assist. Prof., EEE Dept.

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# *Resource Person Profile*



**Name :** Dr. N. Nagarajan

**Qualification:** B.E., M.E., Ph.D

**Designation:** Technical Director & Lead Patent Analyst

**Area of Expertise:** Intellectual Property Rights (IPR),  
Patent Filing & Drafting, Patent Analytics

**Professional Experience:**

Dr. N. Nagarajan has more than 17 years of experience in Academic and Research activities with specialization in Intellectual Property Rights and Patent Analytics.

**Research and Patent Contributions:**

Dr. Nagarajan has published 50 National Utility Patents as a Patent Applicant and Inventor and one International Patent along with one Industrial National Patent. He has also been associated with and facilitated the publication of 456 National Patents as a Lead Patent Analyst in collaboration with Patent Agents. Additionally, he has contributed to the publication of 117 Institutional Patents.

In the domain of Design Patents, he has been associated with and registered 65 National Design Patents, secured 2 granted Design Patents at the national level, and facilitated the registration of 6 UK Design Patents as a Lead Patent Analyst.

**Research Publications and Academic Credentials:**

- International Journal Publications: 18
- Scopus Indexed Publications: 6
- Google Scholar Citations: 198
- h-index: 6
- i10-index: 4
- Book Published with ISBN: 978-93-87865-67-9 (Forschung Publications, Chennai)

**MoUs Signed for IPR Collaboration:**

Dr. Nagarajan has signed Memoranda of Understanding (MoUs) with 12 organizations to promote innovation, patent awareness, and research commercialization initiatives across institutions.

**Invited Talks / Workshops / Seminars Delivered:**

He has delivered more than 35 invited lectures and workshops on “Patent Filing and Drafting” in various reputed Engineering and Arts & Science Colleges across Tamil Nadu, Telangana, Karnataka, Kerala, and Jharkhand, in both online and offline modes.

**Contribution to the Event:**

During the IPR Awareness Program on Patent Creation and Registration, Dr. Nagarajan delivered an expert lecture on patentability criteria, prior art search, patent drafting techniques, filing procedures, examination process, and commercialization strategies. His session provided practical insights into converting innovative ideas into legally protected intellectual property.

*Circular*



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Yenkagully (Vi), Moinsabad (M), P.O. Himayat Nagar, R. R. District, Hyderabad -500 075.  
Phone No: 08413-235127, 235053, Fax: 08413-235753

Date: 20-02-2026

**Department of Electrical & Electronics Engineering**

**CIRCULAR**

All the II & III Year B.Tech EEE Students and faculty members are hereby informed that the Department of EEE is organizing an **IPR Awareness Program on "Patent Creation & Registration"** as per the details below:

**Title:** IPR Awareness Program – Patent Creation & Registration

**Date:** 21st February 2026 (Saturday)

**Time:** 10:30 A.M. to 12:30 P.M.

**Venue:** MNR Auditorium.

**Resource Person:**

Dr. N. Nagarajan, B.E., M.E., Ph.D.

Technical Director & Lead Patent Analyst.

**Program Coordinators:**

Mr. G. Upendra Rao

Mrs. A. Hima Bindu

The objective of this program is to create awareness among faculty members and students about Intellectual Property Rights (IPR), with special emphasis on patent drafting, filing, and registration procedures. The session will highlight the importance of protecting innovative ideas, research outcomes, and technological developments.

The program will cover the following key aspects:

- Fundamentals of Intellectual Property Rights
- Patent search and drafting process
- Filing and registration procedure in India
- Commercialization and technology transfer aspects

All II & III Year B.Tech EEE Students are encouraged to attend the program and make effective use of this opportunity to enhance their knowledge in the field of IPR and patenting.



HOD, EEE DEPT.

**Dr. P. D. HODPARE**

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Bhaskar Nagar, Moinsabad Mandal  
Hyderabad - 500 075.**

***FEEDBACK FORM &  
RESPONSES***



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### FEEDBACK FORM

#### IPR Awareness Program

Dates: 21<sup>st</sup> February 2026

#### Participant Details:

Name: S. Rose Mary

Organization/Institution: student (JBIET)

Email: Sunil.rosemary03@gmail.com

Contact Number: 9000795181

#### Please rate the following aspects (Tick appropriate rating):

Criteria	Excellent	Good	Average	Poor
Content Quality		✓		
Trainer's Knowledge	✓			
Practical Sessions	✓			
Workshop Organization	✓			
Overall Experience	✓			

#### Additional Feedback:

1. What did you find most useful in this IPR Awareness Program?

I found the information about patents, copy rights, trademarks and the importance of protecting

2. What improvements would you suggest?

The program was very informative. It would be even better if more practical information

3. Any additional comments or suggestions:

The session was very useful and well organized

S. Rose Mary  
Signature of Participant

Thank you for your valuable feedback!

## *Screenshots of the session*

## ***SCREENSHOTS OF ATTENDANCE***

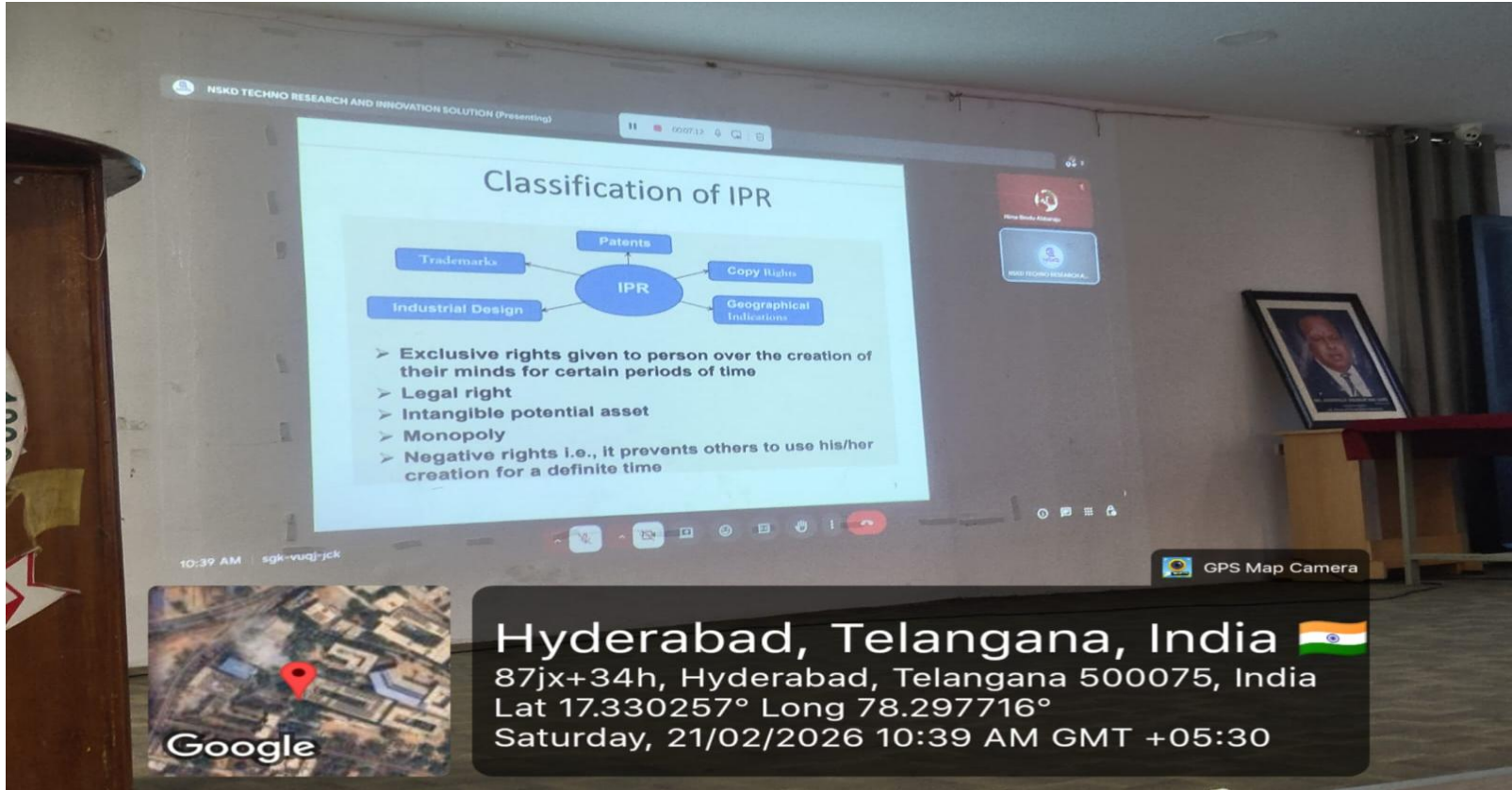


***Fig 1: Screen shot of Participants (1)***



***Fig 2: Screen shot of Participants (2)***

# SCREENSHOTS OF PPT



**Fig 3: Screenshot of PPT(1)**

Media Player

# Kinds of IPR

**Patents:**

- Inventions (Products, Processes, Materials, Compositions)
- Technical Solution to a Technical problem


**Industrial Designs:**

- External features appealing to the eye
- New Shape, Pattern or Configuration

**Trade Marks:**

- A visual symbol such as a Word, Name, Logo, Label, Monogram, Slogan etc.
- Applied on Article of Manufacture or Service
- Indicates the origin of goods and services

Hima Bindu Abbaraju

 NSKE

NSKD TECHNO RESEARCH A...

***Fig 4: Screenshot of PPT(2)***

Before you start:

## PATENT SEARCH DATABASE

### Free Patent Databases

- Google Patents:  
<https://patents.google.com/>
- Espacenet:  
<https://worldwide.espacenet.com/>
- USPTO Web Patent Databases:  
<https://assignment.uspto.gov/patent/index.html#/patent/search>
- PQAI: <https://about.projectpq.ai/>
- Patentscope by WIPO:  
<https://patentscope.wipo.int/>
- Lens.org

### Paid Patent Databases

- Derwent World Patents Index:  
<https://clarivate.com/derwent/>
- PatBase: [www.patbase.com/](http://www.patbase.com/)
- Patseer: <http://patseer.com/>
- Drug Patent Watch:  
<https://www.drugpatentwatch.com>
- Patsnap: <https://www.patsnap.com>
- WIPO's INSPIRE: <https://ipportal.wipo.int/>



**Fig 4: Screenshot of PPT(3)**