



Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai
At- Shirgaon, Post-Virar (E.), Tal-Vasai, Dist-Palghar – 401 305.

Tel.: 777 000 2544 • Website : www.viva-technology.org

E-mail: contact@viva-technology.org / principalvit@vivacollege.org

Department of Electronics and Telecommunication Engineering

Course Name:	Roadmap for Patent Creation
Name of the Faculty:	Mrs. Sonali Gaikwad
Designation:	Assistant Professor
Organization/Institution:	Viva Institute of Technology
Duration:	07 th January 2025 to 03 rd April 2025
Time:	32 hours
Number of Students:	15

Course Objectives:

1. To understand the patent fundamentals.
2. To introduce the concepts of novelty, inventive step, industrial applicability
3. To equip learners with the knowledge, tools, and practical steps necessary to identify patentable inventions.
4. To provide adequate knowledge about prior art search
5. To learn patent filing process
6. To study pre-grant and post-grant patent management

Course Outcomes:

After successful completion of the course, the students are able to:

1. Understand different types of patents and their legal frameworks.
2. Apply criteria like novelty, inventive step, and industrial applicability
3. Use patent databases to identify existing related inventions.
4. Write clear claims, abstract, and detailed description with correct formatting and diagrams.
5. Prepare patent documentation
6. Understand how to revise and argue claims to increase likelihood of grant.
7. Learn about licensing, enforcement, and portfolio management.



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Programme Summary:

Duration: 32 Hours

Venue: VIVA Institute of Technology, Shirgaon.

Electronics & Telecommunication Engineering Department of VIVA Institute of Technology organized a 32 hours Bridge course on **Roadmap for Patent Creation** during 07th January 2025 to 3rd April 2025 conducted by Mrs. Sonali Gaikwad.

The objective of the Roadmap for Patent Creation for EXTC Engineering training program is to learn importance of protecting the intellectual property. Patent creation involves legal, technical, and strategic steps that can be intimidating. A structured roadmap breaks it down into manageable stages. This course helps learners understand how to secure their inventions legally, avoiding loss of rights due to poor timing or incomplete filings. It is useful for academics, engineers, and start-ups seeking grants, venture capital, or academic recognition tied to IP ownership. This course encourages individuals and organizations to value and manage intellectual property proactively.

The event was a success with very positive feedback from the participants. The speech by the Principal Dr. Arun Kumar was an inspiring one that covered the broad future scopes of the field. The Principal being an encouraging one who said that for such events where in student development is involved, he will always be supportive. In the speech given by Mrs. Archana Ingle, H.O.D of EXTC, students gained an idea of how this workshop can be utilized to take creative projects in the field of engineering.

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Student Certificate format:

	<p>Vishnu Waman Thakur Charitable Trust's VIVA Institute of Technology Approved by AICTE, New Delhi, DTE, Govt. of Maharashtra and Affiliated to the University of Mumbai Shirgaon, Virar(E.), Dist: Palghar-401305, Maharashtra NAAC "B++" GRADE</p>
<h3>Certificate of Appreciation</h3>	
<p>This is to certify that ALI FIROZ ASGAR</p>	
<p>Student of Electronics and Telecommunication Engineering department has successfully completed bridge course on "Roadmap for Patent Creation" conducted during 7th January 2025 to 9th April, 2025 at VIVA Institute of Technology, Shirgaon.</p>	
<p>His / Her contribution is highly appreciated.</p>	
<p> (Mrs. Archana Ingle) HEAD OF DEPARTMENT</p>	<p> (Dr. Arun Kumar) Principal</p>
<p>In Association with:</p>	<p> </p>