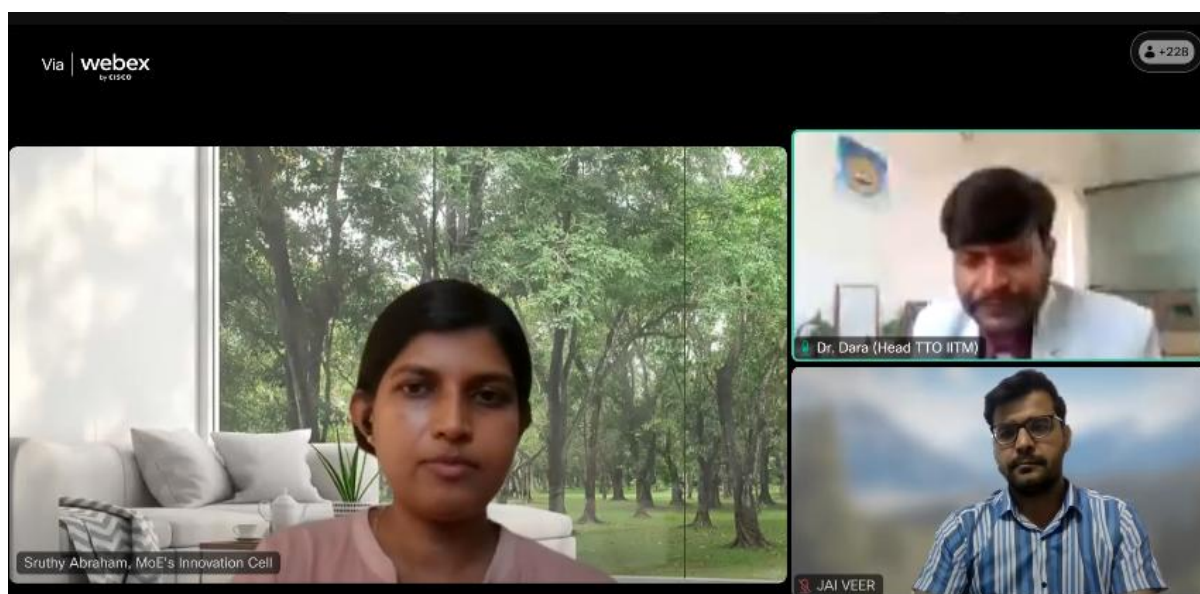


Industry Institute Interaction (IIC) and Institution's Innovation Council (IIC)

A report on MIC DRIVEN ACTIVITY on "PATENT TO PRODUCT"

26-04-2025

As a part of World intellectual property day, MIC driven activity on "**Patent to Product**" is organized by AICTE on 26th April 2025 by inviting Mr. Jai Veer, Asst Controller of Patents & Designs, Intellectual property Office, DPIT, Ministry of Commerce and Industry and Dr Dara Ajay, Head, Technology Transfer Office, IIT, Madras. The two speakers were introduced by Ms Sruthy Abraham, Ministry of Education.



At the outset, the speaker, Mr. Jai Veer, provided a detailed explanation of the procedures involved in filing a patent application. He emphasized that patents are granted for technical inventions, and clarified that the term of a patent is 20 years from the date of filing. Mr. Jai Veer also defined the concept of territorial rights, explaining that it refers to the legal rights or jurisdiction, control, and resource utilization within a specific geographic area. These rights may apply to individuals, organizations, or more commonly to states or nations, granting them the authority to govern and regulate activities within their defined borders. He further stated that a patent is granted for an invention, and that the fundamental

requirement for an invention is that it must be either a product or a process. This is considered the first and most essential criterion for patent eligibility.

The screenshot shows a video conference interface. On the left, a presentation slide from the Government of India, Ministry of Commerce and Industry, Department for Promotion of Industry and Internal Trade, Office of Controller General of Patents, Designs and Trade Marks. The slide title is "Understanding Patents: Filing & Procedure". The presenter is Jai Veer, Assistant Controller of Patents & Designs, Intellectual Property Office, Email ID: jai.veer.ipo@gov.in. On the right, a participant named JAI VEER is visible. The main presentation slide is titled "Patent to Product (सृजंता से समृद्धि)" and "A Journey from Creativity to Prosperity". It features a diagram showing the flow from "Idea" to "Product" via "Patent" and "License". The slide also mentions "Dr. Dara Ajay - HEAD-Technology Transfer & Licensing" and "Indian Institute of Technology Madras (IIT Madras)".

Mr. Jai Veer emphasized that three conditions must be met during the patent filing procedure. The first condition is that the invention must relate to a product—such as an instrument or a kit—or a process, which refers to a specific method. The second condition is that both the product and the process must be new, meaning they should be entirely new and not a result of copying or replicating existing ideas. The third condition is that the invention must have industrial application—meaning it should either be used in industry or be capable of being made in an industrial setting.

The screenshot shows a video conference interface. On the left, a presentation slide titled "Patents" contains a flowchart for the patent process. The flowchart starts with "Granted for an INVENTION", which leads to "Product / process". This leads to "New", which then branches into "Inventive step" and "Industrial application". "Inventive step" further branches into "Technical advancement" and "Economic significance". "Industrial application" leads to "Made Used". Both "Technical advancement" and "Economic significance" lead to "Not obvious" (compared to existing knowledge). Both "Made Used" and "Not obvious" lead to "Invention". On the right, a participant named JAI VEER is visible. The main presentation slide is titled "IN 201831042601 (Patent No. 488105) BAMBOO BASKET WEAVING MACHINE". It features two diagrams of the machine, one showing the overall structure and the other showing a close-up of the weaving mechanism.

	Idea	Kit (gas + Proval + razor + phone etc.)	Pen working on direction of mind	Method of throwing g ball in cricket
Product or Process	X	✓	✓	✓
New	-	✓	✓	✓
Technical advance	-	X	✓	✓
Economic significance	-	✓	✓	X
Not obvious	-	X	✓	✓
Made	-	✓	✓	✓
Used	-	✓	✓	✓
Invention	X	X	✓	✓

Here are some examples including idea, Handicapped industry, Bamboo basket, basket divider, shawl, umbrella carrier for bicycles, rinse free shampoo etc.

Publication: The patent application is automatically published after 18 months from the date of filing or priority date, whichever is earlier. An applicant can also request early publication for quicker processing.

Request for Examination (RFE): The applicant must file a Request for Examination (Form 18) within 48 months from the filing date. Without RFE, the application will not be examined and is deemed withdrawn.

Examination and First Examination Report (FER): After RFE, the application is taken up for substantive examination by a patent examiner. The examiner issues a First Examination Report (FER) highlighting objections or requirements for amendments. The applicant must respond to FER and comply within 6 months (extendable by 3 months).

Grant or Refusal: If all objections are resolved, the patent is granted and published in the Patent Journal. If unresolved, the application is refused, and reasons are communicated to the applicant.

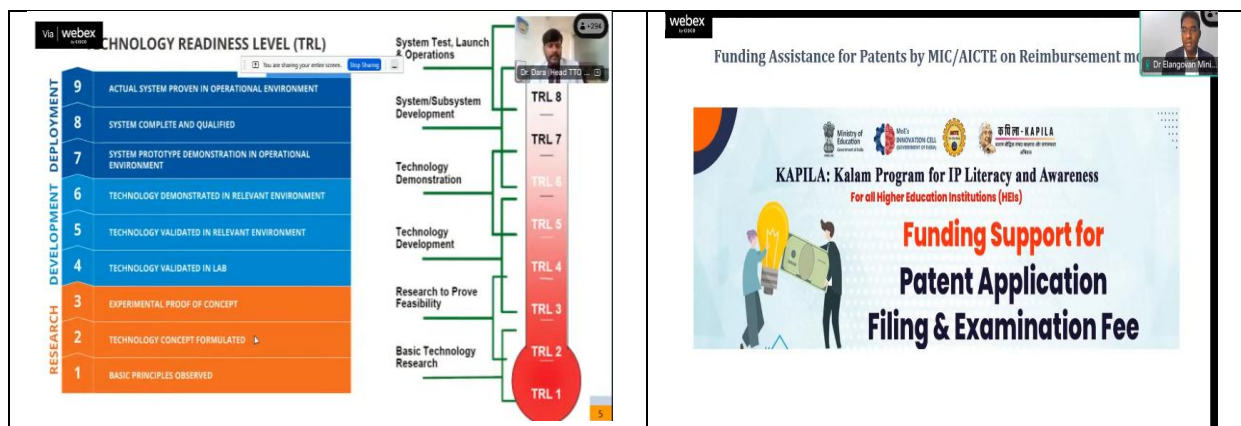
A few important forms / documents required for filling a patent application is also explained.


Form 1, Form 2, Form 3, Form 5, Form 18/18A; Form 25, Form 26 and Form 28 are to be filled for patent.

IMPORTANT FORMS/ DOCUMENTS REQUIRED FOR FILING A PATENT APPLICATION	
FORM 1 – Application for grant of patent with necessary basic details, like, name, address, priority details, declaration etc. (at the time of filing)	FORM 1 – Application for grant of patent with necessary basic details, like, name, address, priority details, declaration etc. (at the time of filing)
FORM 2 – Provisional or Complete specification to filed in/ with this Form (at the time of filing).	FORM 2 – Provisional or Complete specification to filed in/ with this Form (at the time of filing).
Form 3 - Details of Foreign filing (at the time of filing or within 6 months from filing and 3 months from issuance of examination report for other applications) – even details of divisional/ patent of addition applications filed on the basis of initial application.	Form 3 - Details of Foreign filing (at the time of filing or within 6 months from filing and 3 months from issuance of examination report for other applications) – even details of divisional/ patent of addition applications filed on the basis of initial application.
Form 5 – Declaration as to inventorship with the application or 1 month with extension request in Form 4.	Form 5 – Declaration as to inventorship with the application or 1 month with extension request in Form 4.
Form 18 or 18A – For making request for examination or expedited examination	Form 18 or 18A – For making request for examination or expedited examination
	Form 25 – Permission for filing patent application in foreign
	Form 26 - Power of Attorney , if application filed through patent agent
	Form 28 – For fees relaxation by eligible category (Startup, MSME, Educational institution)

At the end of the session, Mr Jai Veer focussed on complete specification procedures, claims, benefits etc.

In a second session, Dr Dara Head, Technology Transfer Office, IIT, Madras briefed about Technology transfer through process and essential skillsets, Technology Readiness Level, Funding assistance for patents etc




Dr G SUBBARAO
 Event Co-ordinator


Dr G JANARDHANA RAJU
 IIC-CONVENER &
 DEAN-SoE