



IPR Cell & Institution Innovation Cell, AVIT
In association with
National Research Development Corporation
Anna University

Report on Two Day knowledge sharing program on “IPR’s for Product and Process”
Organized by IPR & AVIT - 29th & 30th November 2021.

Two Day knowledge sharing program on “IPR’s for Product and Process” Organized by IPR & IIC , AVIT - 29th & 30th November 2021 , at Siemens DCS COMOS integrated Lab, EEE , First Floor of the TVBlock, AVIT,VMRF Chennai.

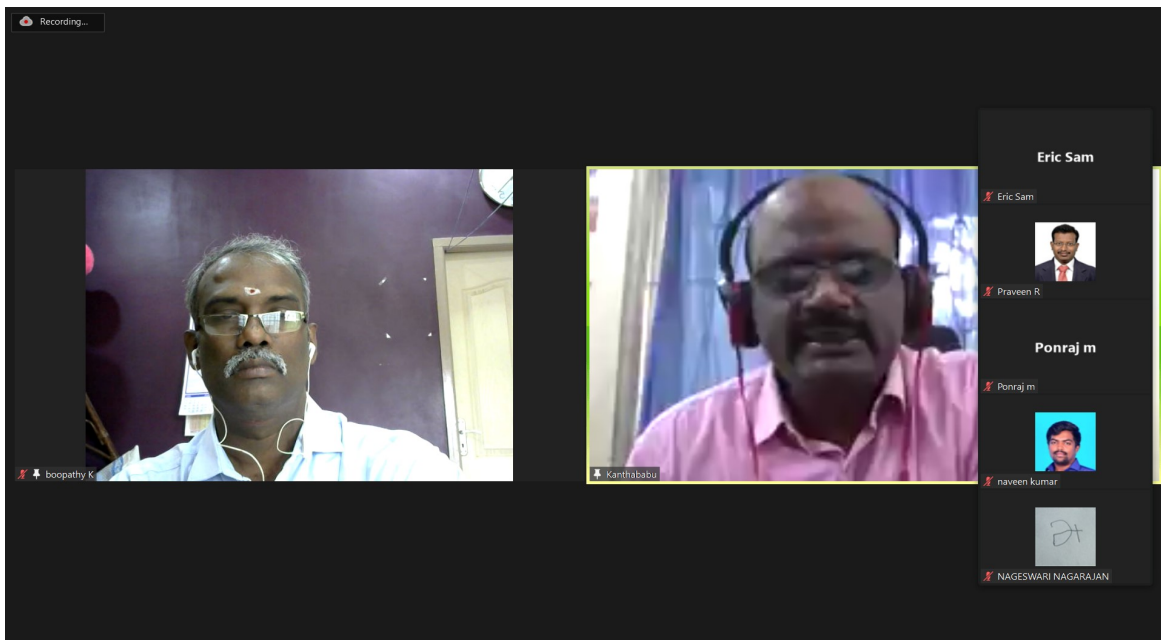
The Program entailed of expert lectures, career talks, group discussions, Idea Verification in Web Portal and Tips for Patent Writing on different topics under Intellectual Property Rights and IPTSE.

This is an event where Researcher, Industry & Academia got together to discuss the problems and opportunities for overall with respect to Intellectual Property Rights. Whole event was guided by Principal, Dr. G. Selva Kumar and back bone of IIC events, program director IPIC Prof L.Prabhu, and President Mr Praveen R, vice president L.Chitra, Miss. Ms.Lakshmi Shree b and our HOD’s, colleagues and my dear students.

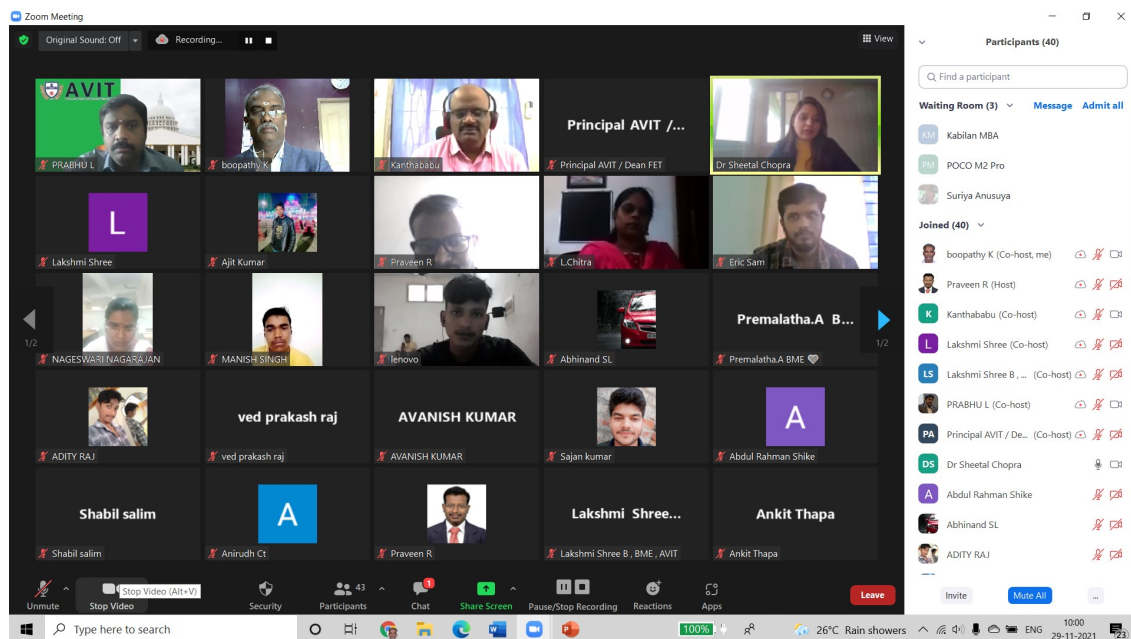
INAUGURATION

The Day 1 Session was conducted in Online Platform and the forenoon session was started with welcome address by Dr.K.Boopathy, Dy Director- IIC, to all the dignitaries like Dr.M.Kantha Babu , Dr.Sheetal Chopra , GuestSpeakers and all participants on behalf of IPR and IIC AVIT.

Dr.K.Boopathy, Dy Director- IIC, explained about the activities of innovation centre and impact of patent filing system. Report of the innovation centre (2020-21) had been stated in starting session regarding the patent.



Followed by the welcome address , Dr.G.Selvakumar delivered the Presidential Address and explained about the importance of imparting knowledge, in students community regarding the patents. A patent provides its owner the right to exclude others from exploiting the patented technology, including for example, making, using, or selling the patented invention. Effective patent protection stimulates research and is a key requirement for raising venture capital and Prof.L.Prabhu delivered the Felicitation address.



Introduction to the First speaker , Dr.M.Kantha Babu was given and Dr.Kantha Babu addressed the gathering following by which, Memento was presented to Dr.M.Kantha babu , by Dr.G.Selvakumar , Principal AVIT.

CHIEF GUEST HONOUR

Dr.G.SelvaKumar



Dr.M.Kantha Babu



Introduction to the Second speaker , Dr.Sheetal Chopra was given and Dr.Sheetal Chopra addressed the gathering following by which , Memento was presented to Dr.Sheetal Chopra , by Prof .L.Prabhu , Vice- Principal(Admin) AVIT.

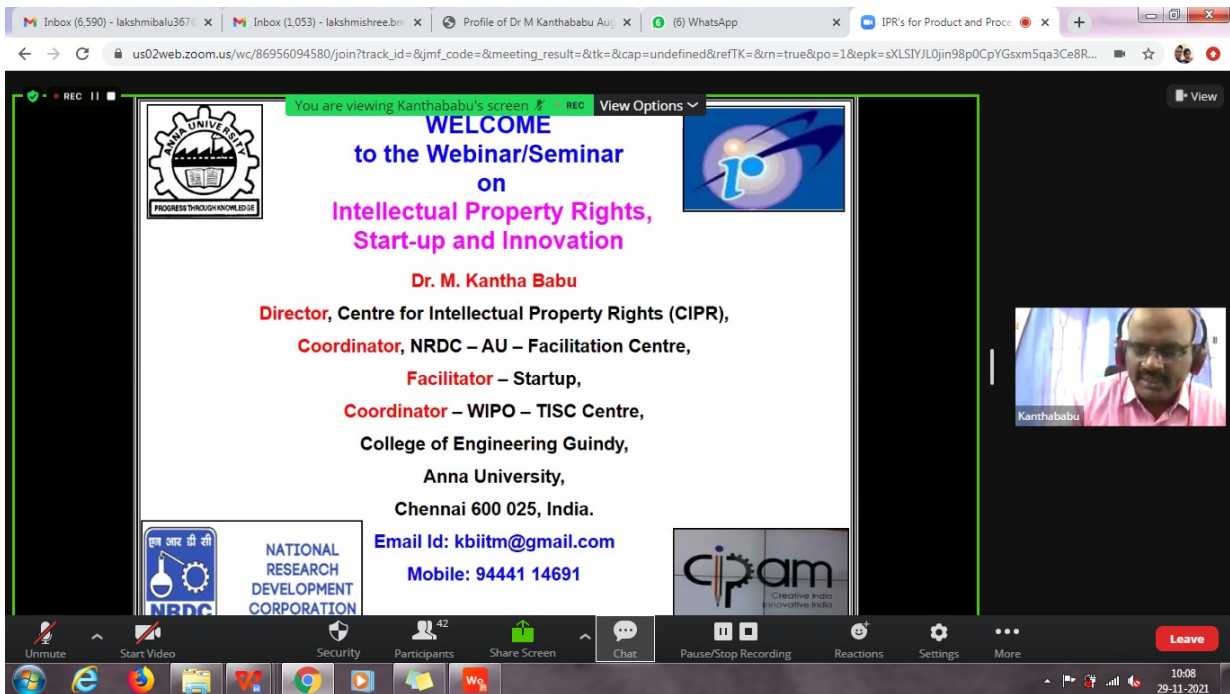
CHIEF GUEST HONOUR

Prof.L.Prabhu



Dr.Sheeta Chopra





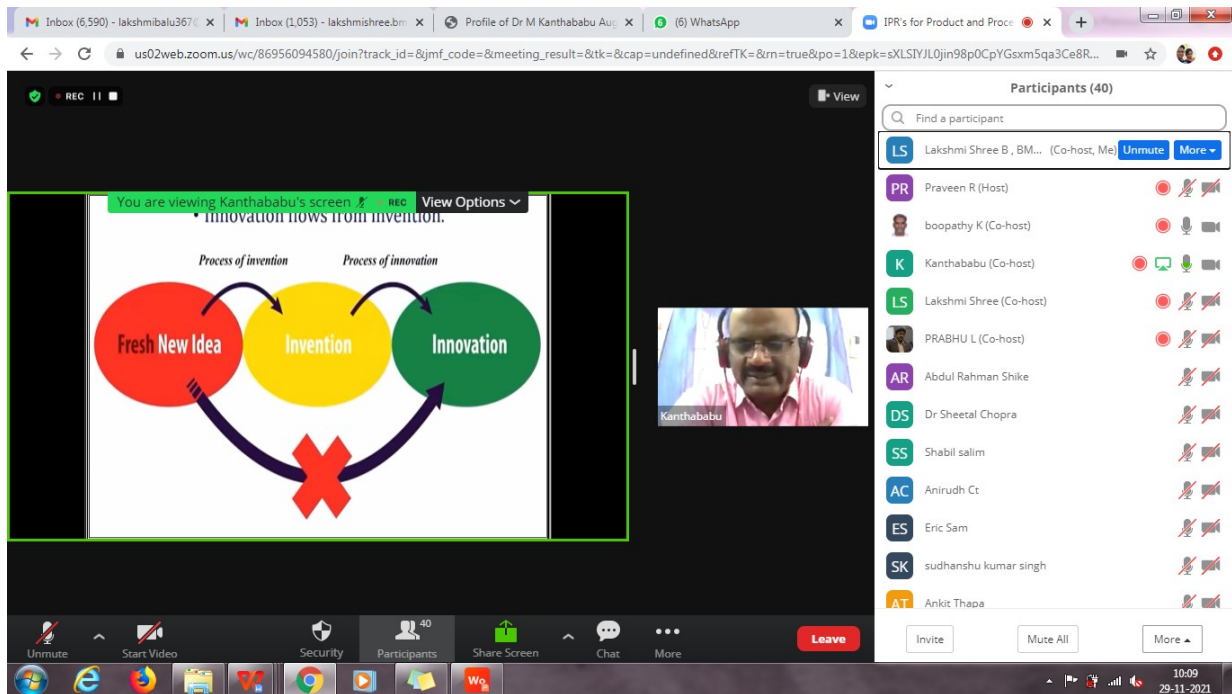
Participation was very encouraging from various departments of AVIT in one day workshop. There were 41 enthusiastic participants in all including 05 faculty members from various branches. The programme included talks on Patent procedures and patent informatics, patent searches, role of innovation and invention in the academic-industry collaborations, trademark and copyright protection, issues of do's and don'ts for a researcher in the context of publishing and patenting.

The participants were made aware of importance of patent, types of patent, patent activities, trends of patent filing in India and abroad and success stories on capitalizing of patent. This created a buzz among the audience and was very much appreciated by the participants. The event was compered by Ms.Lakshmi Shree b , AP , BME , AVIT

DAY 1 - SESSION 1

Dr.M.Kantha Babu , Professor in the Department of Manufacturing Engineering, Director, Center for Intellectual Property Rights (CIPR), Anna University, Chennai , with a great knowledge on IPR's and Patent process delivered a session on " Awareness on IPTSE - AICTE exam . He explained each and every concept involved from the basics . He gave a glimpse of IPR's Patent and process with a brief presentation. He further explained her views that in patent protection granted by a national government for an invention. This protection excludes others from making, using or selling the invention for a period of up to 20 years.

There was an interactive session in which, the students and the faculty responded very well by asking questions. Questions like “ How to get an idea for Patent , How to secure my idea , How do we convert a idea into research and develop a product , How to know whether my idea is already patented or not “ , Many such interesting and intellectual questions were asked . the speaker with great patience explained and answered all the questions .



The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with the following content:

- Top text: "You are viewing Kanthababu's screen" and "innovation flows from invention."
- Diagram: A flowchart showing the process of innovation. It starts with a red circle labeled "Fresh New Idea", which leads to a yellow circle labeled "Invention", which then leads to a green circle labeled "Innovation". Arrows indicate the flow from Idea to Invention and from Invention to Innovation. A large red 'X' is placed over the arrow connecting Invention to Innovation.
- Labels: "Process of invention" is written above the arrow from Idea to Invention, and "Process of innovation" is written above the arrow from Invention to Innovation.

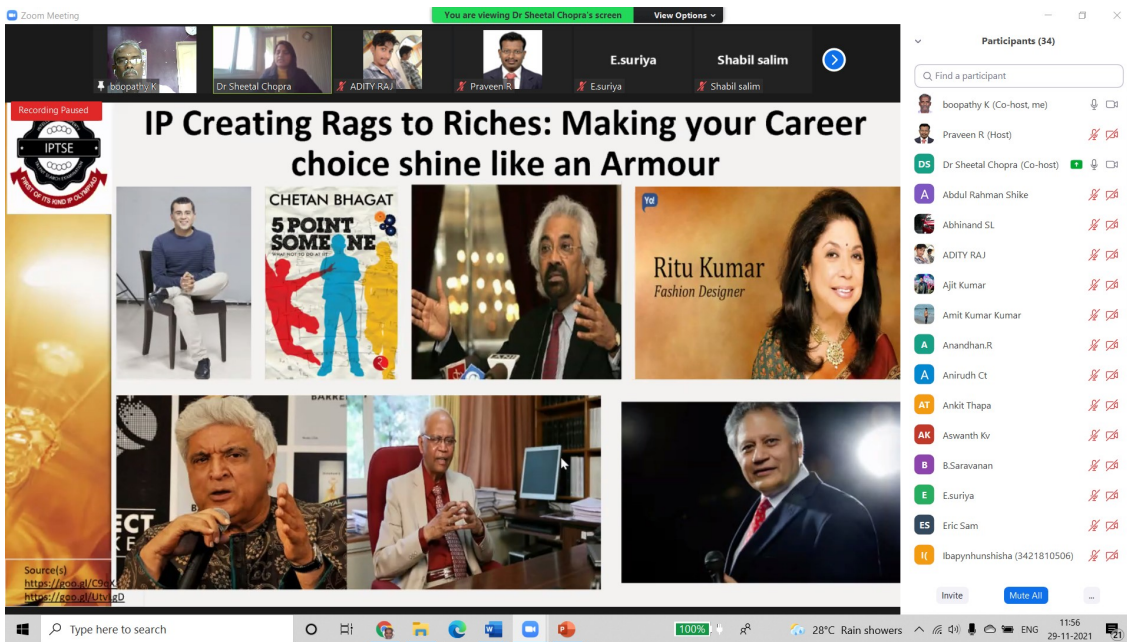
On the right side of the Zoom window, there is a "Participants (40)" list. The list includes the following participants:

- LS Lakshmi Shree B, BM... (Co-host, Me) [Unmute] [More]
- PR Praveen R (Host)
- boopathy K (Co-host)
- K Kanthababu (Co-host)
- LS Lakshmi Shree (Co-host)
- PRABHU L (Co-host)
- AR Abdul Rahman Shike
- DS Dr Sheetal Chopra
- SS Shabil salim
- AC Anirudh Cc
- ES Eric Sam
- SK sudhanshu kumar singh
- AT Ankit Thapa

The Zoom control bar at the bottom shows options like Unmute, Start Video, Security, Participants (40), Share Screen, Chat, More, and Leave. The system tray at the bottom right shows the time as 10:09 on 29-11-2021.

DAY 1 - SESSION 2

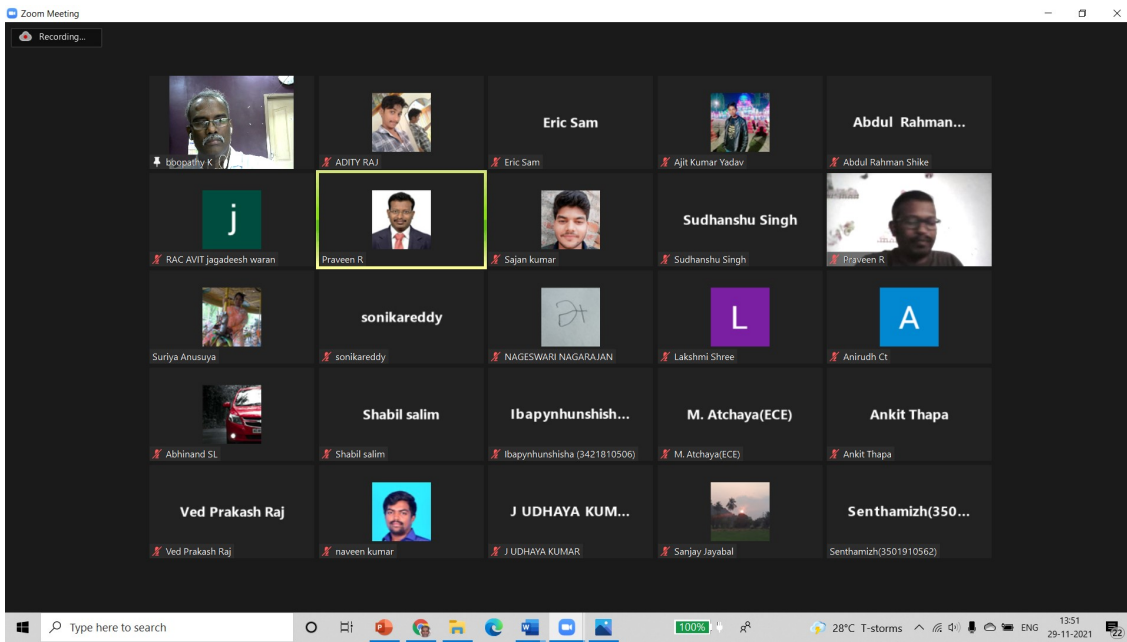
Dr.Sheetal Chopra , honorar course director of IPTSE & Director IPR policy - Ericsson India , delivered a session on “ IP for career shaping and intellectual property search examination “.



She explained about Intellectual Property Talent Search Examination which is the first & one of its kind annual IP Olympiad for Intellectual Property Rights in India. It has been conceptualized and administered by IPTSE Academy and has received support from many organizations who believe in knowledge economy & believe in the role that IP plays in inclusive growth. Some of them include ERICSSON, Creative First, Ministry of MSME, Ministry of Information & Communication Technology, Ministry of Science & Technology, National Research Development Council, i-Hub Gujarat Government, Punjab State Council of Science & Technology, MEITY Start-Up, Manak Inspire initiative, AICTE, ASSOCHAM etc. The proctored examination is customized for several stakeholders and tests IP knowledge of individuals from schools, colleges, media & entertainment sector, publishing industry, architecture, engineering & technology, science & allied areas, fashion & designing, researchers, working professionals, faculty, start-ups, SMEs etc. This exam thus certifies students for their knowledge in copyright, patents, trademark, geographical indication, industrial design and trade secrets. It was an eye opening and a wonderful session .

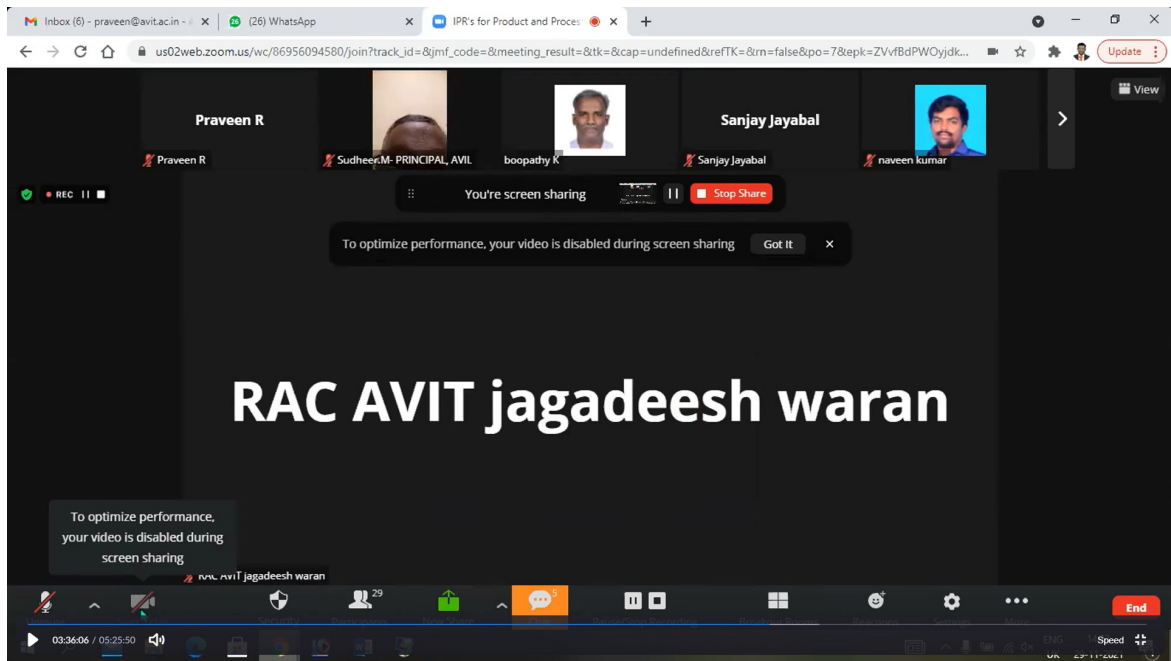
DAY 1 - SESSION 3

The Afternoon session was presided by Mr.Praveen , President , IIC cell , AVIT . The speaker explained about the product development and also exhibited the Products developed in IIC , AVIT . Each and every product , its significance , the idea behind the invention and the process involved in those ideas were explained briefly . Some of the Products developed in IIC were shown , such as ,V2B, Power Fly, Wheel chair... . Students were motivated and also inspired by these ideas and benefitted from the same.



DAY 1 - SESSION 4

The next session was presided by Prof.Sudheer , AAIL on “ Issues relating to Patents “. he addressed many points on numbers of patent applications have never been higher and there are a number of examples that patents have helped support the development of an ever-increasing range of technology. Yet this success has not given rise to universal satisfaction, either within the immediate circle of administrators and users of the patent system, or among the intended beneficiaries of the system more widely in society.

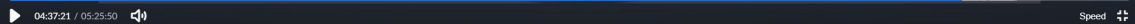
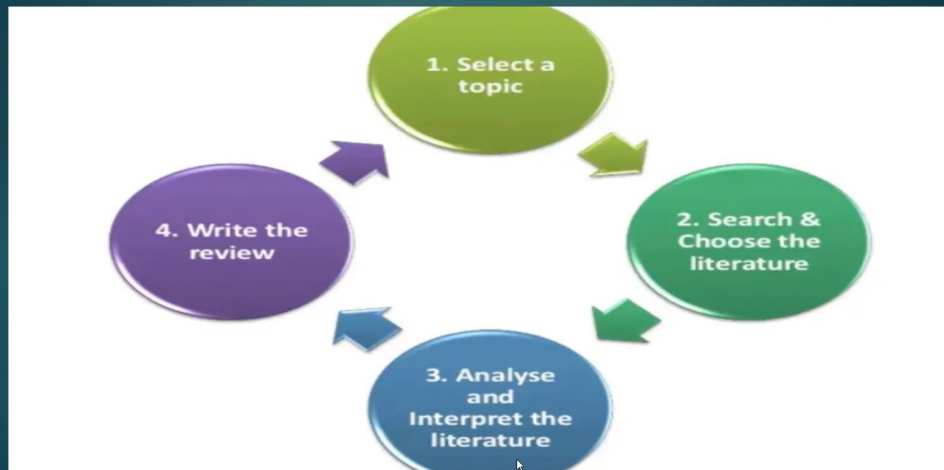


The system today faces two main challenges: an internal challenge, concerning the actual operation of the system; and an external challenge, concerning the policy role, and the economic and social impact of the patent system. The current and emerging issues related to Patents were clearly explained to all the participants.

DAY 1 - SESSION 5

The morning session was taken by Dr. K. Boopathy on “Literature review for product topics”. Three criteria to be taken note of when drafting your claims are that they should be clear, complete, and supportive. Every claim must as per as possible be in one sentence, short and contains complete details.

Selection Topics

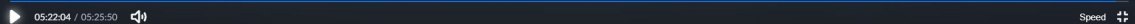


Your claim must be clear so that you do not cause the reader to speculate about the claim. If you find yourself using words such as "thin", "strong", "a major part", "such as", "when required", then you are probably not being clear enough. These words force the reader to make a subjective judgment, not an objective observation. Each claim should be complete so that it covers the inventive feature and enough elements around it to put the invention in the proper context. The claims have to be supported by the description.

Patent Search



- **USPTO - United States Patent and Trademark Office**
- **WIPO - World Intellectual Property Organization**
- **Google Patent Search**
- **EPO-European Patent Office**
- **InPASS - Indian Patent Advanced Search System**



DAY 2 - SESSION 1

The next session was presided by Dr, Mohammed Aadil A A- CEO, GIEC,VMRF, he explained the title on “Idea Creation & Problem Solving” related to engineering and medical problem with case study. This area describes the design goals of the Idea Engineering course, its implementation and its most important attributes. It is responses from a survey conducted among graduates of the course which show how students evaluate its features and relevance.

The goal of projects is to provide students with the opportunity gain experience, for example in:

- The application of their academic knowledge
- Interacting with clients
- Working together in a team
- Managing a project
- Designing a solution to a real-life problem



Project gaining by the student teams is autonomous and is not subject to any restrictions. Some examples of ideation tasks that students have worked on are:

- ❖ A canteen near the university campus which was looking for ways to attract customers
- ❖ A local charity which wanted to raise awareness for its work.
- ❖ A computer games company that needed ideas for a computer game for small children.
- ❖ A cosmetics company wanting to expand its internationally known brand of skin cream.
- ❖ A business hotel which was looking for ways to promote its seminar facilities

- ❖ An apartment management company that wanted to attract new residents
- ❖ A manufacturer of mobile energy sources looking for additional product features
- ❖ A civic project looking for ways to revive a declining area of the city



A large number of well-known ideation methods, including classical brainstorming, do not contain a change of perspective and thus do not provide the participants with a means to overcome occupational blindness. This is the reason that brainstorming and its many relations seldom produce original ideas.

DAY 2 - SESSION 2

The next session was presided by Dr.L.Chitra , Vice-President IIC and HOD of EEE , AVIT . She delivered a session on Project to Product transformation “.As the first step in the project to product migration, Transformational Implementation sets the stage for the transformation you hope to achieve. This stage involves:

- Establishing goals
- Determining what transformation approach you'd like to take
- Communicating plans and intentions to different levels of management

Just as every transformation is unique across different organizations, so are the ways in which these plans are formed and executed. The biggest challenge of this domain? Getting your executives on board. Without establishing a strong connection between the proposed transformation and business strategy, it may be difficult to get the executive buy-in you need to set your teams up for success. Download the full eBook for tips on how to counteract these challenges and get your senior leadership on your side.

DAY 2 - SESSION 3

The afternoon session was delivered by Dr.G.Selvakumar , President , AVIT . He addressed on “ Project Selection topic “ . As an effective educator, a dynamic person he always focuses on innovation and creation. He addressed the gathering on various aspects of selecting a Project topic. Project Selection is a process to assess each project idea and select the project with the highest priority.



Projects are still just suggestions at this stage, so the selection is often made based on only brief descriptions of the project. As some projects will only be ideas, you may need to write a brief description of each project before conducting the selection process.

He also briefed on various funding organizations for helping in students projects . It was a eye opening session for the participants.

DAY 2 - SESSION 4

The last session was taken by Dr. K. Boopathy on “Tips for IPTSE exam ”. He briefly explained on the tips for taking up the IPTSE exam and exploring various aspects.



Followed by which , A Mock test was conducted for the participants .

Programme concluded by vote thanks Mr. Anandhan, III Yr/MechT with national anthem at 4 pm.



Our heartfelt thanks to all the Guest Speakers for their keynote address and for offering solutions to questions raised by participants



We would like to sincerely thank the Management, Principal, Program Director IPIC, HoD/EEE and all the participants, having given us an opportunity to organize a knowledge sharing session on IPR's Product and Process on various topics.

OUTCOME OF THE PROGRAM:

Students and Faculty members were able to understand

- ❖ The Necessity and Value of IPR
- ❖ Difference between Real and Unreal products
- ❖ Fabricating the unreal or similar products
- ❖ Idea creation for various real time problem
- ❖ Project title selection before starting their research work

- This knowledge-sharing program will bring a positive transformation in the student's and faculty members' boldness in their mission and research work.
- This will make them focused and result-oriented in the process of further commercialization and technology transfer.

No of students : 36

No of faculty members : 05

IPR Cell, AVIT

Dr.K.Boopathy, R.Praveen,, Ms.Lakshmi Shree b