

AIMAN COLLEGE OF ARTS & SCIENCE FOR WOMEN



(Sponsored by AIMA Education & Welfare Society)

(Affiliated to Bharathidasan University)

Recognized by UGC under section 2(f) and 12(B),

Tiruchirappalli – 620 021.



IIC ID: IC202014554

Institution Innovation Cell of AIMA College of Arts & Science for Women, Tiruchirappalli

MIC DRIVEN ACTIVITY REPORT ON WHY IP IS IMPORTANT IN ACADEMIA?

MoE's Innovation cell organized a session on World IP Day to know about the role of Intellectual Property Rights in Encouraging Innovation and Creativity on 26-04-2021 at 3.00 p.m.. The speaker for the webinar was Dr. Mohit Gambhir, Innovation Director MoE Innovation Cell.

The speaker started his talk by explaining the history of Intellectual Property Day (IP). He deliberated on the types of Intellectual Property consisting of Patents, Copyrights, Trade Marks and Trade Secrets in detail.

He discussed the increasing role of intellectual property (IP) in academic research so it is important for academic scientists to gain greater awareness and knowledge of the various issues involved with IP resulting from their research and inventions. The speaker described about how the Intellectual property law protects designs, trademarks, confidential information, trade secrets and plant varieties. For academics, however, copyright and patents are usually the most important forms of IP protection. But, in the case of copyright at least, the law appears ill fitted to academic convention and practice. Section 35 (6) of the Commonwealth's 1968 Copyright Act specifies that where a work is made by an author 'in pursuance of the terms of his employment by another person', then that other person is the copyright.

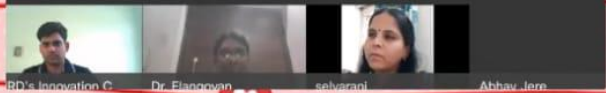
He motivated the listeners by interacting with them. Dr. Abhay Jere Chief Innovation Officer, MoE Innovation Cell proposed a vote of thanks. From AIMA College of Arts and Science for Women, Tiruchirappalli, 30 Staff Members and 230 student participants watched the session in YouTube Livestream.

YouTube Livestreaming Link:

<https://www.youtube.com/watch?v=g1LIKtOVRrw>

PRINCIPAL

Why IP is Important for Academia??







Webex

Insights... contd..

- The MathWorks - co-founded by Cleve Moler, who worked at the University of Michigan, Stanford University and UC Berkeley
- Boston Dynamics - founded by Marc Raibert, a professor at MIT
- Coursera - founded by Daphne Koller and Andrew Ng (Stanford)
- Broadcom founded by Henry Samueli (UCLA)
- Qualcomm founded by Andrew Viterbi (UCLA and Stanford)
- Rambus founded by Mark Horowitz (Stanford University)
- Ambiq Micro founded by David Blaauw (University of Michigan)
- Abtum founded by Hossein Hashemi (University of Michigan)

Recent Innovations That Came From University Research

<p>Jet The first modern jet engine was developed at MIT.</p>	 <p>Gatorade Researchers at the University of Florida developed this drink for their athletes.</p>	 <p>CAT Scanner The CAT scanner was patented by Geoffrey Hounsfield.</p>
<p>Internet Major research institutions at MIT helped develop the Internet what we know today.</p>	 <p>Flu Shots The vaccine comes from research done at the University of Rochester.</p>	 <p>Solar Panel Some of the first applications of solar power were developed by researchers at MIT.</p>
<p>Aspirin The first version of the aspirin tablet was developed by a professor at the University of Erlangen-Nuremberg.</p>	 <p>Chemotherapy Drugs A number of these drugs were developed at various universities.</p>	 <p>Ultrasound The pioneer for the use of ultrasound in medicine was Dr. Ian Donald.</p>
<p>Jet Fuel Dr. Frank Whittle created the first liquid-fueled jet engine while at Cambridge University.</p>		

<http://www.wou.edu/history.com> | boston.com | genesis-ultrasound.com | nytimes.com | gatorade.com | inventor.com

Research Management and Intellectual Property

...es, universities and R&D institutions in the developing economic system are associating themselves with IP.

...her promotion nor protection;

...Not in teaching curriculum or slowly making ways;

...or lack of Institutional IP policies;

...Researchers - interested with the immediate economic gains – at the expense of the long term value that can be captured from research outputs under the current system.

Impact of Academia

...professors have had a lasting impact on the economic development surrounding the cities where they work. Startup ecosystems in many cities were built, in part, by professors who tried to help launch successful startups that attracted talent and capital. E.g. Silicon Valley.

...Researchers want to bring in fast-growing companies that attract capital and reward innovation. They should pay attention to what professors at local colleges and universities do outside the classroom.

...If professors spend time gathering data and writing research papers, the city may never become a startup hub; if those professors start companies to commercialize their intellectual property, successful startups will result in successful startups which will create a demonstration effect that attracts capital to the city.

...It made a big difference in turning Palo Alto and environs from fruit orchards to the heart of the tech industry, Frederick Terman.



