



DON BOSCO INSTITUTE OF  
TECHNOLOGY

DEPARTMENT OF MECHANICAL  
ENGINEERING

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PRESENTS

A WEBINAR ON

**IPR AND INNOVATION**

CONDUCTED BY

**DR. A. S. RAO**

PRESIDENT, INDIAN INNOVATORS ASSOCIATION;  
EX-ADVISOR, MINISTRY OF SCIENCE AND TECHNOLOGY,  
GOVERNMENT OF INDIA

## A. About the Speaker:

Dr. Rao is the President of the Indian Innovators Association. He is an ex-advisor to the Ministry of Science and Technology, Government of India. He is the author of numerous books, most recently Creating Demand for Local Innovations- Global best practices (2019). He has served as Mentor and evaluator for several prestigious institutions, such as SIH, CII and the Indian Innovators Association. He specializes in fields like R&D Project Management, Intellectual Property, and Technology Transfer, to name a few.

## B. Learning Objectives:

- To realize the power of ideation, innovation and entrepreneurship in becoming an independent and self-propelled economy.
- To make people aware and enable them to come up with simple but path-breaking innovations which can cater to the challenging needs of the world during the difficult time of the COVID-19 pandemic.

## C. Learning Outcomes:

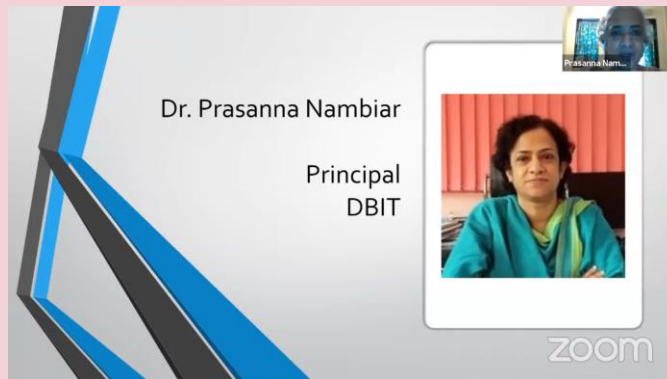
- Understand the process and technical aspects of IPR.
- Realize the importance of Innovation in these challenging times and its role in making India become a self-reliant nation.
- Look at the current crisis as opportunity to innovate, become entrepreneur and create jobs

## D. Webinar Proceedings

### 1. OPENING SPEECH BY MS. SHEENA FERNANDES

The image shows a Zoom webinar interface. On the left is a large blue and white graphic poster for a webinar. The poster text includes: 'WEBINAR ON IPR AND INNOVATION', 'The only way to discover the limits of the possible is to go beyond them into the impossible' - Arthur C. Clarke, '2nd JULY 2020 11AM-12:30PM', and 'FACULTY COORDINATORS: Ms. Sheena Fernandes, 1004220222, Ms. Mallesh Kapurde, 9816656199, E mail ID: sheenaf@nitrr.ac.in, malleshk@nitrr.ac.in, Website - https://nitrr.ac.in'. On the right, a small video window shows Ms. Sheena Fernandes speaking. The Zoom logo is visible in the bottom right corner of the interface.

## 2. PRINCIPAL DR. PRASANNA NAMBIAR'S ADDRESS:



Dr. Nambiar asserted the importance of innovation and stated that creativity and IPR are highly prioritized in DBIT.

## 3. INTRODUCTION OF DR. RAO BY PROFESSOR MAHESH RAJWADE





## 4. ADDRESS BY DR. RAO:



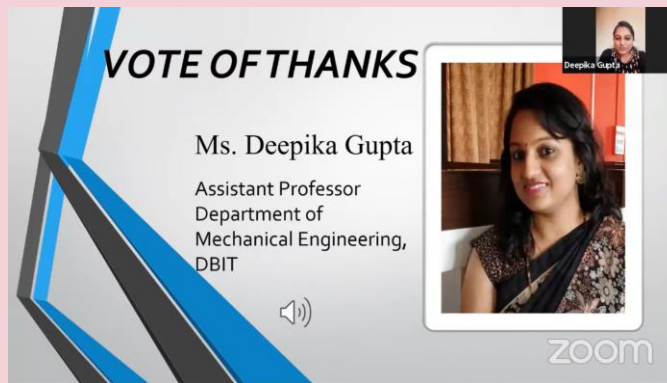
Throughout the address, Dr. Rao answered several of the pressing questions regarding the following:

- Patents: What they are, when they are required, when they are awarded,
- The 9 Technological Readiness Levels
- Compulsory License

- Types of Patents: Business Method Patents, Utility Patents
- The concept of Juggad
- Protection of Designs
- Copyright and Trademark
- Trade Secrets
- Innovation Topology
- Freedom to Work
- WIPO Proof
- COVID-specific innovations: face masks, wearable thermal scanners, face shields, ‘ PPE, infection proof fabrics, hot air sealing machines, ambu bag ventilators, ICU ventilators, Vaccines, etc.
- Patent Infringement

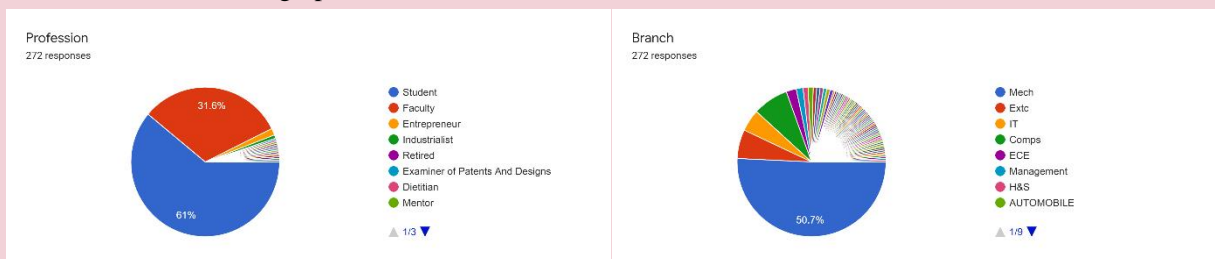
<p><b>Business Method patents</b></p> <p>Business Methods are not patentable in India, but there is a flood of them in USA. This recent rise can be attributed in part to three factors: the Federal Circuit's July 1998 decision in <i>State Street Bank &amp; Trust Co. v. Signature Financial Group Inc.</i>; the rise of the Internet; and greater patent savviness among companies.</p>	<p><b>Trademark</b></p> <p>Trademark is a visual symbol in the form of a word, device, a label applied to an article of manufacturing or commerce with a view to indicate to the purchasing members of the public about the origin of the manufacture of the goods affixed with the mark. The mark distinguishes such goods from the goods manufactured by others in the trade.</p>
<p><b>Trade secret</b></p> <p>Information imparted in confidence will be protected. The courts will restrain the use of it, if it is in breach of good faith. The information may be a trade secret, e.g. a method of production not protected by a patent, or a business secret, such as the financial arrangements of the undertaking or a piece of domestic information like the salary scale of clerks or the efficiency of the firm's filling system. Some of this information would be of a highly confidential nature as being potentially damaging if a competitor should obtain it.</p>	<p><b>Freedom to work</b></p> <ul style="list-style-type: none"> <li>• Innovations patented outside India but not in India are free to copy.</li> <li>• Patents are granted limited life and become free to use by all after the term.</li> <li>• Patents are limited by claims and working around patent is technically feasible.</li> <li>• Copies cannot be made of Copyrighted articles but modified.</li> <li>• Industrial design is limited by novelty granted, creative limitations are possible.</li> <li>• Logos, names, brands even when not available in India are protected under Trademarks act.</li> </ul>
<p><b>WIPO Proof</b></p> <ul style="list-style-type: none"> <li>• WIPO PROOF is an online service that rapidly produces tamper-proof evidence which you can use to prove that your digital file existed at a specific point in time.</li> <li>• In seconds, WIPO PROOF uses industry-leading secure technology to generate a globally recognized digital fingerprint of your intellectual asset. This is your WIPO PROOF token – a unique fingerprint of your digital file, dated and time stamped the second it is created. You receive your token and another copy is stored securely on WIPO servers in Switzerland.</li> </ul>	<p><b>Technology Readiness Level (TRL) BIRAC for Medical devices</b></p> <p>TRL1: Ideation          TRL2: Proof of          TRL3: Proof of Concept          TRL4: Proof of concept established.          TRL5 &amp; 6 : Early stage validation          TRL7: Late stage validation          TRL8: Pre-commercialisation          TRL9: Commercial launch of the new device,</p>
<p><b>3Ms patented N95</b></p>  <p>N95 classification of air filtration, meaning that it filters at least 95% of airborne particles. N95 respirators were originally designed for industrial use in sectors such as mining, construction, and painting.</p>	<p><b>Wearable Thermal scanners</b></p> 

## 5. VOTE OF THANKS BY PROFESSOR DEEPIKA GUPTA

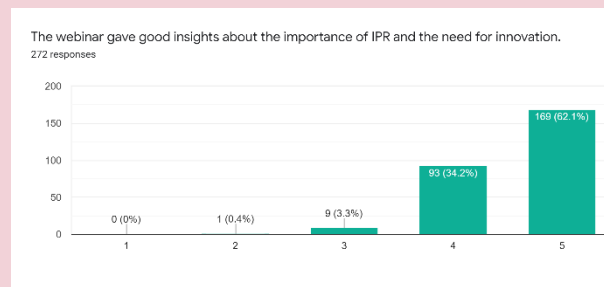


## E. Analysis of Attendees:

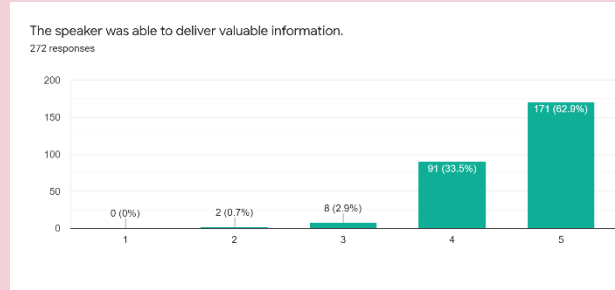
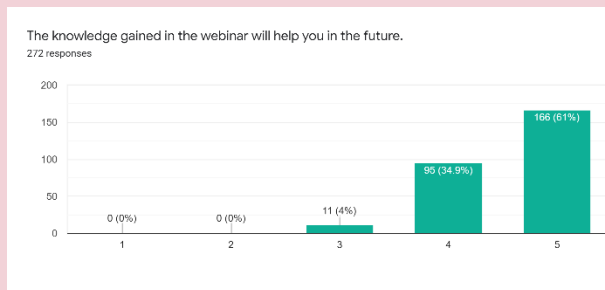
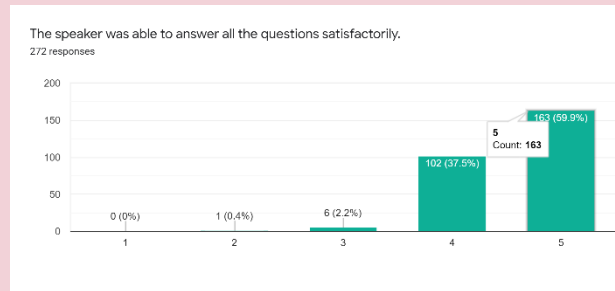
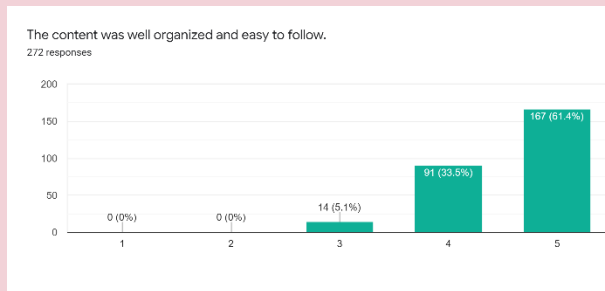
1. The demographics of attendees is as follows:



2. A majority of participants agreed that the session helped them understand IPR, patents and the importance of innovation.



3. Most participants indicated that they were satisfied with the quality of the content and the speaker.



F. Event Poster:

**DOB BOSCO INSTITUTE OF TECHNOLOGY**  
 DEPARTMENT OF MECHANICAL ENGINEERING  
 ISO 9001:2015 CERTIFIED  
 NAAC B++ ACCREDITED  
**WEBINAR ON**  
**IPR AND INNOVATION**  
 "The only way to discover the limits of the possible is to go beyond them into the impossible" - Arthur C. Clarke  
**Dr. A.S. Rao**  
 President, Indian Innovators Association  
 Ex-Advisor, Ministry of Science and Technology, Govt. of India  
[www.linkedin.com/in/indainvents](http://www.linkedin.com/in/indainvents)  
**2nd JULY 2020**  
**11AM-12:30PM**  
**FACULTY COORDINATORS :**  
 Ms. Deepika Gupta : 9004920525  
 Mr. Mahesh Rajwade : 9819866499  
 E-mail ID - [dbitmwebinars@gmail.com](mailto:dbitmwebinars@gmail.com)  
 Website - <https://mech.dbit.in>  
**E-CERTIFICATES WILL BE PROVIDED**

## G. Webinar Coordinators:

### 1. Faculty:

- Swapnil Gujarathi
- Jenifer Abin
- Mahesh Rajwade
- Deepika Gupta
- Bajirao Nangarepatil

### 2. Students

- Elsa Mathew
- Sheena Fernandes
- Priya Kundu
- Shivam Singh
- Swati Kamath
- Daniel Joy
- Noel Fernandes
- Mitul Shetty
- Jordan Joy
- Rahul Kadam
- Siddharth Shetty

#### Maintaining Database

Contents	Responsibility
Sorting the data from the details of the Participants who will register as well as who all will give feedback (from google form)	Bajirao Nangarepatil Mahesh Rajwade
Creating Whatsapp groups	Elsa Mathew Priya Kundu
Sending information / links time to time on whatsapp groups to the registered participants	
Final report writing	Bajirao Nangarepatil Swati Kamath

#### Communication

Contents	Responsibility
Collecting Details, PPT (Initial Communication), Invitation letter	Swapnil Gujarathi
Thank giving Mail	Deepika Gupta
Rehearsal and technical communication (Sequencing)	Jenifer Abin Daniel, Mitul Shetty , Sheena Fernandes, Noel
Hosting the event	Sheena Fernandes Siddharth Shetty
Handling queries posted by participants on whatsapp groups as well as you tube and on sorting informing to the host	Noel Sequiera Yash Majithia