

Dr.Mahalingam College of Engineering and Technology, Pollachi

Office of Dean Research and Innovation

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Department of Mechanical & Automobile Engineering

Report on

PATENT PROSECUTION AND WORK PROCESS – KNOWLEDGE SHARING SESSION

Date: 02-08-2023

About the Session

The Office Dean of Research and Innovation and the Department of Mechanical & Automobile Engineering organized a two days workshop on **Patent Prosecution and Work Process – Knowledge Sharing Session** for the benefit of the Faculty members of MCET. The session details are given below for your kind reference.

S.No	Name of the Resource Person	Topic	Date & Time	Venue	No of Participants
1	Mr.V.Palaniswamy, Deputy Controller of Patents & Designs, Government of India Chennai	Role of Innovation in Building the Nation	(Session 1) 24.07.2023 & 10.30 am to 11.30 am	OBE Conference Hall (B110)	55
		Introduction to Patenting System in India	(Session 2) 24.07.2023 & 11.45 am to 1.00 pm		
2	Mr. Sarkar, Joint Controller, Patent Office, Kolkata.	Design IPR and Copyrights: Trends and Innovations	(Session 3) 24.07.2023 & 2.00 pm to 3.00 pm		
3	Mr. D.Saravanan, Chairman, 3M-IPR Associates, Chennai.	Work Process of Patent	(Session 4) 24.07.2023 & 3.15 pm to 4.30 pm		
4	Patent Proposal reviewing	Patent reviewing process	25.07.2023 & 9.00.am to 1.00 pm	Dean RI, AA & A116 Conference Hall	2 Faculty Members per Patent (one to one Contact)

Dr.M.Selvakumar, Associate professor started the function with the prayer song. Dr. S. Ramakrishnan, Dean of R&I delivered the Welcome address and welcomed the Chief guest and participants of the two-day workshop. He discussed the data of Patent Publication and grants in our institution for the last 5 years and insists to focus on of this patent proposal

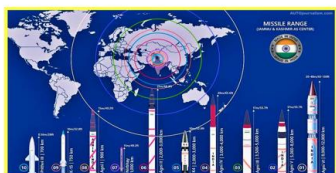
writing with full our full effort and interest. It will be very helpful to reach out to the expectation of the NAAC , NBA and NIRF committees, with this faculties can also excel in the specific field of research. Dr. P. Govindasamy, Principal delivered the principal address. Dr.M.Jayaraj, IPR Coordinator delivered the chief guest's introduction. He wishes everyone to utilize this session to its fullest potential and encouraged them to apply for the patent in the upcoming year.

The sessions covered a wide range of topics related to intellectual property rights, including:

Session 1: Role of Innovation in Building the Nation

- What are intellectual property rights (IPR)
- Advantages of IP Protection
- Use of Patents in Academic Research
- Indian Innovations (Evolution and the Transformation)

Evolution of missile



Mechanical tree climber



Session 2: Introduction to Patenting System in India

- Forms in patent filing
- Types of Patent Applications

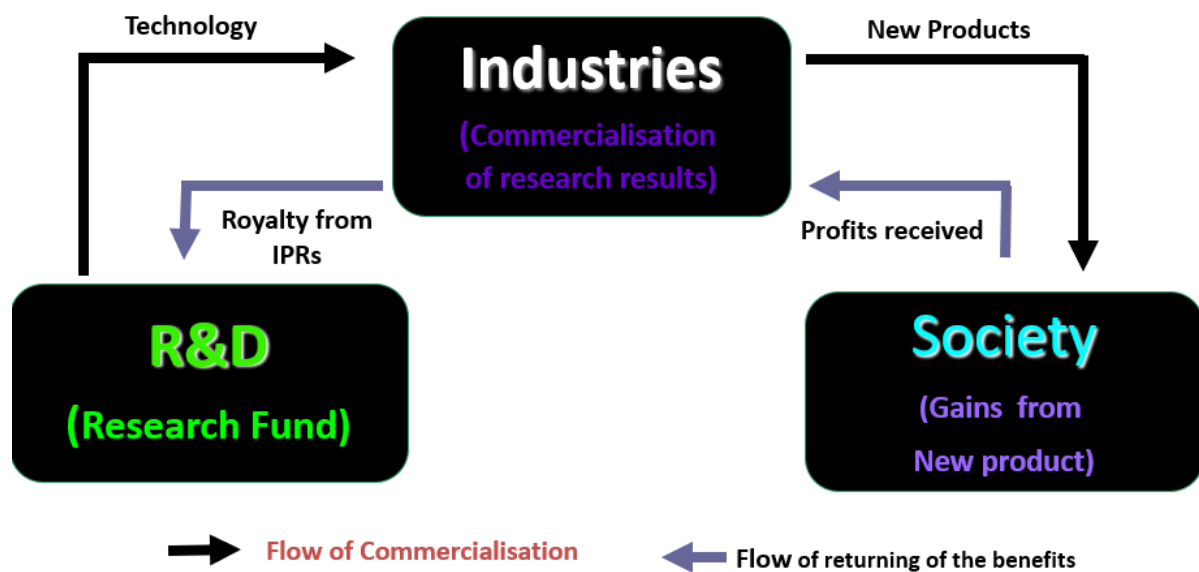
A typical patent specification has the following sections:

1. Title of invention
2. Field of invention
3. Background of invention with regard to the drawback associated with known art;
4. Object of invention
5. Statement of invention
6. A summary of invention

7. A brief description of the accompanying drawing
8. Detailed description of the invention with reference to drawing/example
9. Claim(s) and
10. Abstract.

The end of the session clearly understands about the relation between the IPR, industry and society.

Relation of IPRs - Industry linkages And Society



50

Session 3: Design IPR and Copyrights: Trends and Innovations

- This session explore the "Design IPR, Copyrights, and Trade Marketing" offers a complete study of the critical aspects of intellectual property rights and how they impact the creative industry.
- Through informative sessions and practical examples, participants were gain a clear understanding of the different types of Design IPR, including patents, trademarks, copyrights, industrial designs, and trade secrets.
- They will discover the relevance of IPR in fostering creativity, protecting innovations, and driving business growth. Furthermore, the workshop will shed light on design rights and industrial design protection, demonstrating how these mechanisms influence product development and market competitiveness.

Session 4: Work Process of Patent

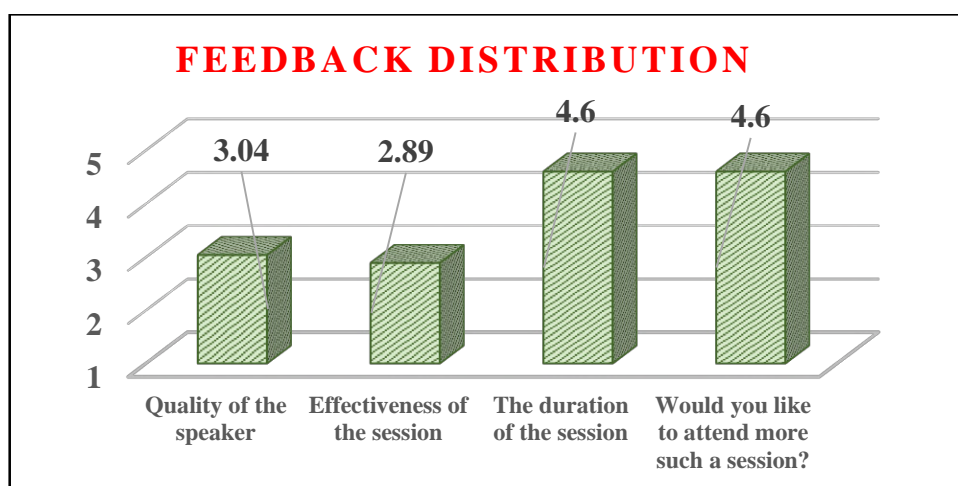
- This session discuss the filing of patent application and obtaining a patent grant. Participants were learn about the formalities and requirements involved in preparing a patent application, including drafting the description, claims, and drawings.
- Additionally, attendees will gain insights into the patent examination process, patent prosecution, and strategies for responding to objections from patent offices.
- By the end of the workshop, participants will have a comprehensive understanding of the work process of patents and be better equipped to protect their inventions and intellectual property.

Patent Proposal reviewing

Based on the three important measuring patent parameter (Novelty, Inventive Step & Industrial Applicability, 30 patent proposal reviewed by a chief guest provides an impartial evaluation, specialized technical insights, and constructive feedback and enhances the application's credibility on 25.07.2023.

Feedback and Assessment

Feedback was collected from all participants and they shared positive views about the session. Based on the topic discussed multiple choice questions assessment was given to participants to assess the effectiveness of the session.



Photos Taken During Workshop



Interaction:

Can you explain about patent renewable fees based renewable period ?

The renewable fees of first 5 year is Rs 800/2000 (Individual / Small Entity Renewal Fee. According to the year it may be varying. Once the patent term expires, the invention falls into the public domain, and others can freely use, make, or sell the patented invention without infringing on any patent rights.

How long does a patent last in India?

In India, a granted patent lasts for a fixed term of 20 years from the date of filing the patent application.

What is the grace period for patent renewal in India?

Yes, it is possible to renew an Indian patent after its renewal due date. If you fail to pay the renewal fee before the due date, a grace period of 6 months is given wherein the renewal fees can still be settled.

Difference between Design IPR and patent

Design IPR protects the visual appearance of a product, while patents safeguard inventions and their underlying technology and functionality.

What is the cost of patent for startup in India?

The official patent cost for filing a patent application are ₹1,600 for an individual or ₹4000 for a small or ₹8000 large entity.

Can I file an international patent application through India?

Yes, India is a member of the Patent Cooperation Treaty, which allows applicants to file an international patent application through the Indian Patent Office.

Outcomes

- Participants learned about the comprehensive understanding of patent identification techniques, efficient work processes in patent prosecution and also the ability to conduct thorough prior art searches, draft clear patent claims, and streamline patent-related documentation.
- On the other hand, the outcome of reviewing a patent proposal is to evaluate its quality, identify potential weaknesses, and refine the application before formal submission, ensuring that the proposal meets the required standards and increases the chances of a successful patent grant.
- Participants learned about the importance of implementing robust IPR policies to protect and incentivize innovation and creativity within their institutions. They also gained insights into the regulatory aspects of IPR and its impact on collaboration, technology transfer, and commercialization of research outcomes.



Dean R&I



Principal

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Secretary

Dr.Mahalingam College of Engineering and Technology, Pollachi-642003
Office of Dean Research and Innovation
Detailed Feedback

Date: 24.07.20203

Topic: Two Days Workshop on Patent Prosecution and Work Process – Knowledge Sharing Session

Resource Person:

Mr. V.Palaniswamy,
Deputy Controller of Patents &
Designs,
Government of India
Chennai

Mr. Sarkar,
Joint Controller,
Patent Office,
Kolkata.

Mr. D.Saravanan,
Chairman,
3M-IPR Associates,
Chennai.

1. How do you rate quality of the speaker?

Factor	Percentage(%)	Rating
Excellent	59	5
Good	31	4
Average	06	3
Satisfactory	04	2
Poor	0	-

2. How do you rate effectiveness of the session?

Factor	Percentage(%)	Rating
Excellent	56	5
Good	41	4
Average	03	3
Satisfactory	0	-
Poor	0	-

3. The duration of the session is

Factor	Percentage	Rating
Appropriate	91	5
Too short	09	4
Too Long	0	-

4. Would you like to attend more such a session?

Factor	Percentage	Rating
Yes	91	5
No	09	4

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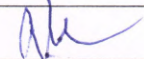
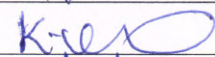


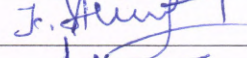
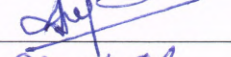


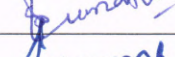
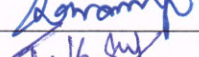
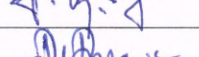



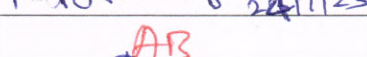

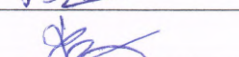

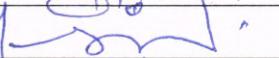
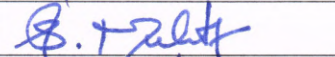
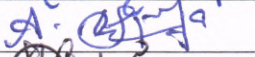
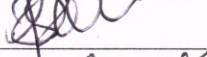
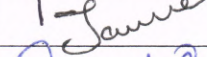
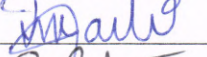
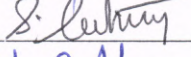
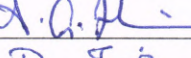
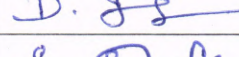
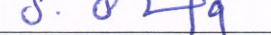

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**Department of Mechanical and Automobile Engg.
Two days' workshop on "Patent Prosecution and Work Process - Knowledge Sharing
Session" – Faculty Attendance Sheet**

Venue: OBE Conference Hall (B110) Time 10.00AM to 4.30PM Date:24.07.2023

S.No	Name of the faculty with Designation	Department	Signature for (FN Session)
1.	Dr.N.Natarajan	Civil	N. Natarajan
2.	Dr.K.Srinivasan	Civil	K. Srinivasan
3.	Mr.S.Syed Masoodhu	Civil	S. Masoodhu
4.	Ms.M.Bhagavathi Priya	Cyber (AI+ML) Security	M. Bhagavathi Priya
5.	Ms.V.Shanmugaveni	Cyber Security	V. Shanmugaveni
6.	Ms.M.Kavitha	Cyber Security	AB
7.	Dr.R.Muthusami,AP(SG)&HoDi/c,	MCA	AB
8.	Dr. S. Raja Rajeswari, AP,	MCA	S. Raja Rajeswari
9.	Ms. C. Theepika, AP	MCA	AB
10.	Ms. N. Sugirtham, AP/ECE R. SHERINE JENNY AP(SG)/ECE	ECE	R. Sherine Jenny
11.	Ms.Thilagavathi,AP/ECE	ECE	Thilagavathi
12.	Ms.Dharani,AP/ECE	ECE	D. Dharani
13.	Mr.Shafeek,AP/ECE	ECE	Shafeek
14.	Ms.Vanji priya,AP/ECE	ECE	P. Vanji priya
15.	Dr.Moorthy,AP/ECE	ECE	M. Moorthy
16.	Dr.Venkatesan,AP(SG)/ECE	ECE	V. Venkatesan
17.	Dr.S.Bharathi,AP(SG)	ECE	S. Bharathi
18.	Dr.D.Nathan,ASP-Mech	Mech	D. Nathan
19.	Dr.M.Jayaraj,AP(SS)-Mech	Mech	M. Jayaraj
20.	Mr.K.Vijayakannan,AP(SS)-Mech	Mech	K. Vijayakannan
21.	Mr.Sreejith.S.NAair,AP(SS)-Mech	Mech	S. Sreejith
22.	Mr.K.Sasikumar,AP-Mech	Mech	K. Sasikumar
23.	Mr.P.P.Mahalingam,AP-Mech	Mech	P. Mahalingam
24.	Mr.S.Gnanakumar,AP-Mech	Mech	S. Gnanakumar
25.	Mr.C.Radhakrishnan,AP(SS)	Mechatronics	C. Radhakrishnan
26.	Mr.M.Giridharadhayalan,AP(SS)	Mechatronics	M. Giridharadhayalan

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27	Dr.B.Vinothkumar AssoProf	EEE	
28	Dr.K.Umamaheswari AP(SG)	EEE	
29	Dr.S.Antony Jesudurai AP(SG)	EEE	
30	Dr.K.Saranya AP(SS)	EEE	
31	Dr.K.Rameshkumar AP	EEE	
32	Mr.J.Arthur Vasanth AP	EEE	
33	Mr.R.Geetha Rajakumari, AP	AIDS	
34	Mr.T.Vijayakumar, AP	AIDS	
35	Ms.N.Sumathi,AP(SS)	CSE	
36	Ms.S.C.Lavanya,AP(SS)	CSE	
37	Mr.T.Kanagasabapathy,AP	CSE	
38	Ms.C.Devipriya,AP	CSE	
39	Ms.B.Suganya,AP	CSE	
40	Ms.K.Radha,AP	CSE	
41	M.Ponmurugan ,AP	Auto	 M.Ponmurugan 22/7/23
42	M,Mahendran,AP	Auto	
43	Mr.V.D. Tamilarasan,AP	Auto	
44	Dr. B.Saravanakumar,AP(SS) /Physics	S&H	
45	Dr. J.Johnson William,AP /Physics	S&H	
46	Dr. R.Ramesh,AP/Maths	S&H	
47	Ms.S.Monolisa,AP/Maths	S&H	
48	Dr.A.Shanmugapriya,AP/Chemistry	S&H	
49	Dr.S.Parveen, Women Scientist	S&H	
50	Dr.A.P.Janani, Asso. Prof.	IT	
51	Dr.L.Meenachi, AP(SG)	IT	
52	Dr.S.Ponni@Sathya, AP(SG)	IT	
53	Ms.A.G.Priya Varshini, AP(SS)	IT	
54	Ms.D.Janani, AP(SS)	IT	
55	Ms.S.Soundariya, AP(SS)	IT	

Coordinators

Dean R&I

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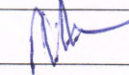
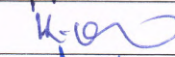
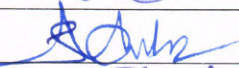
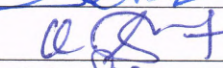
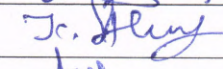
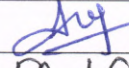
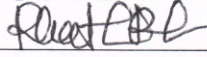
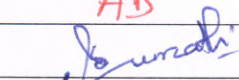
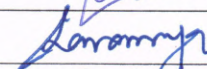
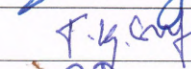
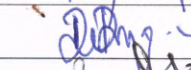
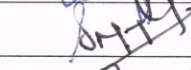
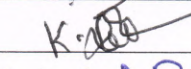
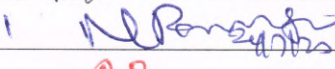
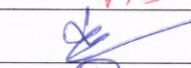
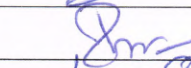
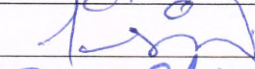
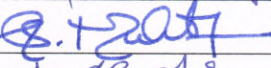
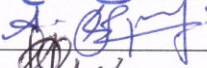
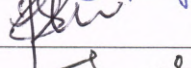
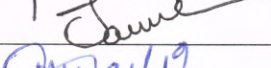
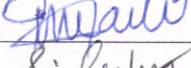
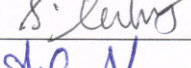
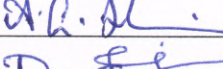
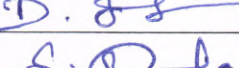
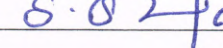
Department of Mechanical and Automobile Engg.

Two days' workshop on "Patent Prosecution and Work Process - Knowledge Sharing Session" – Faculty Attendance Sheet

Venue: OBE Conference Hall (B110) Time 10.00AM to 4.30PM Date:24.07.2023

S.No	Name of the faculty with Designation	Department	Signature for (AN Session)
1.	Dr.N.Natarajan	Civil	N. Nataraji
2.	Dr.K.Srinivasan	Civil	K. Srinivasan
3.	Mr.S.Syed Masoodhu	Civil	S. Masoodhu 24/7/23
4.	Ms.M.Bhagavathi Priya	Cyber AI+ML Security	M. Bhagavathi Priya 24/7
5.	Ms.V.Shanmugaveni	Cyber Security	V. Shanmugaveni 24/7/23
6.	Ms.M.Kavitha	Cyber Security	AB
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