



# AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust<sup>®</sup>

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgavi)

Accredited By NBA (BE : CV, CSE, ECE, ISE & ME)

Date: 19/04/2024

## Proposal

**Subject:** To organize the workshop on “**Intellectual Property Rights (IPRs) and IP management for start- up**”

Institute Innovation Council (IIC) and Research and Development Cell AJIET is organizing the “**Intellectual Property Rights (IPRs) and IP management for start- up**” on on 27/04/2024 from 9:30 AM to 6:00 PM for the students and faculties. The objective of the event is to provide a broad understanding of Intellectual Property Rights (IPRs) and their significance for start-ups. Also to guide participants, including students and faculty, on the process and useful steps for patent filing and obtaining IPR approval for start-ups.

**Mapping to Program Outcomes (PO's):** The event is relevant to **PO5, PO6, PO8, PO9, PO10, PO11, PO12**

**PO5: Modern tool usage:** Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

**PO6: The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

**PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

**PO9: Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

**PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Principal

A.J. Institute of Engineering & Technology

Mangaluru - 575 006

email: dean@ajiet.edu.in



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**PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

**PO12 Life-long Learning:** Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

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**Technical Co-Ordinator**

A handwritten signature in blue ink, written over a horizontal line.

**Dean academics**

A handwritten signature in green ink, written over a horizontal line.

**Principal**

Principal

A.J. Institute of Engineering & Technology  
Mangaluru - 575 006



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Date: 26/04/2024

## Circular

Institute Innovation Council (IIC) and Research and Development Cell AJIET is organizing the Workshop on “**Intellectual Property Rights (IPRs) and IP management for start- up**” on 27/04/2024 from 9:30 AM to 6:00 PM. All the participants are here by informed to participate actively and to be in the venue on time.

A handwritten signature in blue ink, appearing to read 'Laxmi'.

**Technical Co-Ordinator**

A handwritten signature in blue ink, appearing to read 'Laxmi'.

**Dean Academics**

A handwritten signature in green ink, appearing to read 'N'.

**Principal**

Principal

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**A.J. Institute of Engineering & Technology**

**(A Unit of Laxmi Memorial Educational Trust ®)**

**Kottara Chowki, Mangaluru**

## **Institute Innovation Council(IIC)**

*Organizes a one day workshop  
on*

# **"Intellectual Property Rights(IPRs) and IP Management for Start-up "**

**27-04-2024**

**9:30 AM to 6:00 PM**

## **Resource Person:**

**Dr Arul M.Isloor**  
**Professor of Chemistry,**  
**NITK, Surathkal**

**Dr.Laxmi Gulappagol**  
**Coordinator**

**Dr. Antony P J**  
**Vice Principal & HOD of**  
**CSE**

**Dr. P Mahabaleshwarappa**  
**Dean Academics**

**Dr. Shantharama Rai C**  
**Principal**

## **Our Patrons**

**Dr. A J Shetty**  
**President, LMET**

**Mrs. Sharada J Shetty**  
**Director, LMET**

**Mr. Prashanth Shetty**  
**Vice President, LMET**

**Mrs. Ashritha P Shetty**  
**Director, LMET**

**Dr. Prashanth Marla K**  
**Director, LMET**

**Dr. Amitha P Marla**  
**Director, LMET**



## AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

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### Report on one day Workshop on “Intellectual Property Rights (IPRs) and IP management for start-up”

<b>Name of the Program:</b>	Workshop on “Intellectual Property Rights (IPRs) and IP management for start-up”	<b>Program Date &amp; Timings:</b>	27/04/2024, 9:30 AM to 6:00 PM		
<b>Resource Person</b>	Dr. Arun M. Isloor, Professor of Chemistry, National Institute of Technology Karnataka, Surathkal.				
<b>Organized by (Clubs/ Dept.)</b>	Institute Innovation Council (IIC)	<b>In Association with (clubs)</b>	Research and Development Cell		
<b>Number of Participants</b>	156	<b>Students</b>	106	<b>Faculty</b>	50
<b>Program Outcome (PO) Mapping</b>	PO5, PO6, PO8, PO9, PO10, PO11, PO12				
<b>Coordinators</b>	Dr. Laxmi Gulappagol, IIC – Innovation Coordinator Dr. Sangeetha D. M., IIC – Innovation Coordinator Dr. Gnane Swarnadh Satapathi, R&D coordinator Dr. Suresha D, Convener, IIC-Convener				

#### About the Program:

The Institute Innovation Cell (IIC) and R&D Cell of AJIET organized a one-day workshop on "Intellectual Property Rights (IPRs) and IP Management for Start-ups" on 27/04/2024. The workshop aimed to educate and empower start-up enthusiasts with essential knowledge about intellectual property rights and effective IP management strategies.

The workshop commenced with the formal invitation of the guest speaker, Dr. Arun M. Isloor, Professor of Chemistry from NIT Karnataka, Surathkal. A prayer was conducted by Ms. Spoorthi, a first-year student from the CSE-ICB department, invoking blessings for the success of the workshop. Dr. Sangeetha D M, Associate Professor, Dept. of Civil Engineering, AJIET, delivered a warm welcome speech, setting the tone for the day's proceedings. A ceremonial lamp was lit to symbolize the enlightenment and knowledge to be gained from the workshop. Mr. Kaushik, a first-year student from the CSE-ICB department,

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introduced the guest speaker, Dr. Arun M. Isloor. The Principal of AJIET, Mangalore, addressed the audience, emphasizing the institution's commitment to fostering innovation and entrepreneurship among students.

### Objectives:

- To provide a broad understanding of Intellectual Property Rights (IPRs) and their significance for start-ups.
- To guide participants, including students and faculty, on the process and useful steps for patent filing and obtaining IPR approval for start-ups.

### Programme schedule on Saturday, 27th April 2024

MC: Ms. Poorvi, 1<sup>st</sup> year student, CSE-ICB, AJIET, Mangaluru

Sl. No.	Activities	Timings
1	Inviting the guest	09:30 - 09:45 AM
2	Prayer: Ms. Spoorthi, 1 <sup>st</sup> year student, CSE-ICB, AJIET, Mangalore	
3	Welcome Speech: Dr. Sangeetha D M	
4	Lighting the lamp	
5	Introduction of the Guest: Mr. Kaushik, 1 <sup>st</sup> year student, CSE-ICB, AJIET, Mangalore.	
6	Address by Principal AJIET, Mangaluru	
7	Talk on the Topic: Dr. Arun M. Isloor, Professor of Chemistry, National Institute of Technology Karnataka, Surathkal	09:45AM-06:00 PM
<b>SESSION-1 [ 09:45 AM to 11:00 AM]</b>		
8	Start-ups in academia, History of Intellectual Property, World Intellectual Property Organization	09:45 AM to 11:00 AM
<b>SESSION-2 [ 11:15 AM to 01:00 PM]</b>		
9	IP Laws of India, WHAT CAN BE PATENTED? INTERNATIONAL TREATIES	11:15 AM to 01:00 PM
<b>SESSION-3 [ 02:00 PM to 03:15 PM]</b>		
10	Grant of Patent, Trademarks, Geographical indications of goods	02:00 PM to 03:15 PM
<b>SESSION-4 [ 03:30 PM to 04:45 PM]</b>		
11	TOPIC: Trade secrets, IPR Licensing and technology transfer	03:30 PM to 04:45 PM
12	Questionaries'	04:30 -04:45 PM
13	Quiz and Feedback	05:30 -05:50 PM
	Vote of Thanks	05:50 - 06:00 PM

The workshop comprised four sessions, each focusing on specific aspects of intellectual property rights (IPRs) and management tailored for start-up ventures:

**Session-1:** Start-ups in Academia, History of Intellectual Property, World Intellectual Property Organization (WIPO): This session provided an overview of the relationship between academia and start-ups, highlighting the role of academic institutions in fostering entrepreneurship and innovation. It delved into the historical evolution of intellectual property rights (IPRs) and introduced participants to the World

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Intellectual Property Organization (WIPO) and its global initiatives in promoting IP protection and innovation.

**Session-2: IP Laws of India, What Can Be Patented? International Treaties:** Here, participants learned about the intellectual property laws in India, including the legal framework governing patents, copyrights, trademarks, and designs. The session also explored the criteria for patentability and eligibility for patent protection, along with an overview of international treaties and agreements related to intellectual property.

**Session-3: Grant of Patent, Trademarks, Geographical Indications of Goods:** This session focused on the practical aspects of IP rights, particularly the process of obtaining patents, registering trademarks, and protecting geographical indications of goods. Participants gained insights into the patent granting process, trademark registration procedures, and the significance of geographical indications in protecting the origin and quality of products.

**Session-4: Trade Secrets, IPR Licensing, and Technology Transfer:** The final session delved into the concept of trade secrets, emphasizing their importance as a valuable form of intellectual property protection. It also addressed the complexities of IPR licensing and technology transfer, providing participants with strategies for effectively managing and monetizing their intellectual property assets.

#### Conclusion:

- The workshop comprised four sessions, covering topics such as start-ups in academia, history of intellectual property, IP laws of India, patent filing, trademarks, trade secrets, and IP licensing.
- Participants engaged in interactive questionnaires to assess their understanding of the workshop content.
- A quiz was conducted to reinforce learning, followed by feedback from participants to evaluate the effectiveness of the workshop.

The workshop concluded with a vote of thanks, expressing gratitude to the guest speaker, participants, and organizing committee for their contributions.

**Outcomes:** On successful completion of program

1. Participants gained insights into the importance of safeguarding intellectual property (IP) assets for start-up ventures.
2. Practical knowledge and skills were acquired for navigating the complex landscape of IP rights.

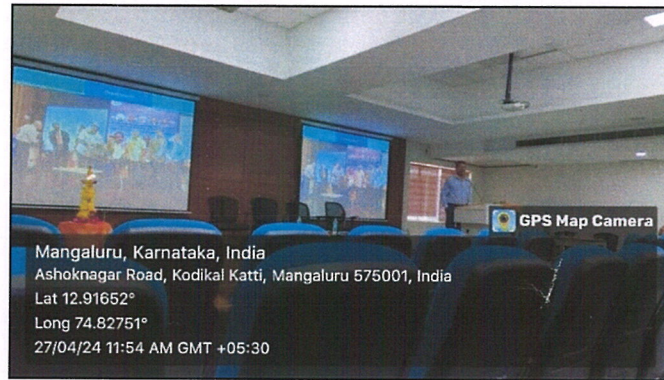
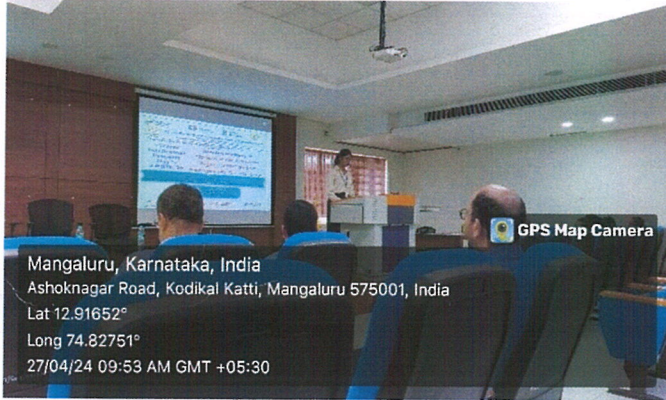
**Quiz link:** <https://forms.gle/s7JbfPc7pFU2aCiz8>

**Feedback link:** <https://forms.gle/fdXEJyvpm9m8NK2a7>

**YouTube link:** <https://youtu.be/uFPiviCBzlc>

#### Articulation Matrix:

Course Outcomes (CO)	Program Outcomes (PO)											
	1	2	3	4	5	6	7	8	9	10	11	12
1	-	-	-	-	1	1	-	1	1	-	2	2
2	-	-	-	-	1	1	-	1	1	-	2	2
3	-	-	-	-	1	1	-	1	1	1	2	2
<b>Average</b>	-	-	-	-	<b>1</b>	<b>1</b>	-	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>



**Dr. Laxmi Gulappagol**  
**Dr. Sangeetha D M**

IIC – Innovation Coordinator(s)

**Dr. Gnane Swarnadh Satapathi,**

R&D coordinator

**Dr. Suresha D**

Convener, IIC-Cell

**Dr. P Mahabaleshwarappa**  
Dean Academics

**Dr. Shantarama Rai C**  
Principal

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Faculty



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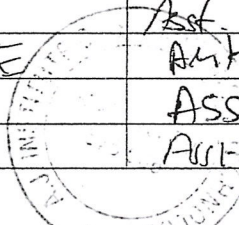
Date: 27/04/2024

### Institute Innovation Council (IIC) & Research and Development Cell Jointly organizes Workshop on "Intellectual Property Rights (IPRs) and IP management for start-up"

Venue: Seminar Hall-1

#### ATTENDANCE SHEET FOR FACULTY

Sl. No.	Name	Department	Designation	Signature
1	Dr. Shantha Kumar	Mathematics	Professor	[Signature]
2	Dr. Sangeetha D.M.	Civil	Assoc. Professor	[Signature]
3	Mrs. Anupama K.	CSE/IOS	Asst. Professor	[Signature]
4	Mrs. Narmatha	Chemistry	Asst. Professor	[Signature]
5	Mrs. Suchitha K	Physics	Asst. Professor	[Signature]
6	Ms. Thirushantha Shetty	Mathematics	Asst. Professor	[Signature]
7	Dr. Sujaya L	Physics	Associate Professor	[Signature]
8	Dr. Anand Shetty	Physics	Asst. Professor	[Signature]
9	Dr. S. S. Demandale	Physics	Associate Prof.	[Signature]
10	Saketh Shetty	Civil	Asst. Professor	[Signature]
11	Prakash K.S	ECE	Assoc. Prof.	[Signature]
12	Mrs. Nidhi T.N	Physics	Asst. Professor	[Signature]
13	Dr. Gnanasekaran	ECE	Assoc. Prof.	[Signature]
14	Dr. Antony P.J	Vice-Chancellor	Prof & Head	[Signature]
15	Dr. Kiran	ECE	Assoc. Prof & Head	[Signature]
16	Dr. Jasi Alankalath	CS	Professor	[Signature]
17	Kavya B.U	ICB	Lab Instructor	[Signature]
18	Vijaykumar Anubhakar	CSE	Asst. Prof.	[Signature]
19	Vedya Myagari	CSE	Asst. Prof.	[Signature]
20	Aishwarya M. Bhat	CSE	Asst. Prof.	[Signature]
21	Dr. Chanchal Antony	SELAIML	Assoc. Prof & Head	[Signature]
22	Ashwini A. Shetty	CSE	Asst. Prof.	[Signature]
23	Sravan D. Souza	CSE	Asst. Prof.	[Signature]
24	Smitha Shetty	CSE	Asst. Prof.	[Signature]
25	Stanley D. Souza	CSE	Asst. Prof.	[Signature]
26	Jaya Ssi Sivapuran	IIE	Asst. prof	[Signature]
27	Narayan S. Pai	IIE	Asst. prof	[Signature]



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Sl. No.	Name	Department	Designation	Signature
28	Dr. Prabhataa B.K	ISE	Associate Prof.	
29	Divya	ISE	Asst. professor	
30	Relcha A.A	ECE	Asst. Prof	
31	Deepathu A.P	ECE	Asst. Prof.	
32	Divya A	ECE	Asst. Prof	
33	Usha C.S	CSE	Asst. prof	
34	Pratheekha Rev	ECE	Asst Prof	
35	R. Sahaya Shamini	ISE	Asst Prof	
36	J. R. C.	CSE	Asst Prof	
37	Dr. Anil B.V	CSE	Assoc. Prof	
38	Nayana Yadav.M	CSE	Asst. Prof	
39	Sahana K Adyanthya	ECE	Assistant Professor	
40	Manjulara	ECE	Asst. Professor	
41	Sambhara	EEE	Asst. Prof	
42	Dr. Ganesha.M	CSE	professor	
43	Dr. John P Veigas	AI & DS	Assoc Prof	
44	Dr. Shobhika	chemistry	Asst. Prof.	
45	Archana P. Jayashini	ISE	Asst. Prof	
46	Ms. Divya M. Kothari	CHEMISTRY	Asst. Prof	
47	Ms. Smruti S. Kanti	Mathematics	Asst. Prof	
48	Ms. Deepshahana	Civil Engg	Asst. Prof	
49	Ms. Vishnu K. Shetty	Mathematics	Asst. Prof	
50	Vilma D'Souza	Mathematics	Asst. Prof	

**Dr. Laxmi Gulappagol**  
**Dr. Sangeetha D M**  
 IIC - Innovation Coordinator

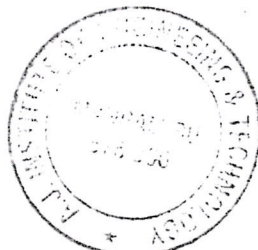
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 R&D Coordinator

**Dr. Suresha D**  
 IIC Convenor

**Dr. P Mahabaleshwarappa**  
 Dean Academics

**Dr. Shantharama Rai C**  
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# QUIZ: Workshop on "Intellectual Property Rights (IPRs) and IP management for start-up" by Dr. ARUN M ISLOOR

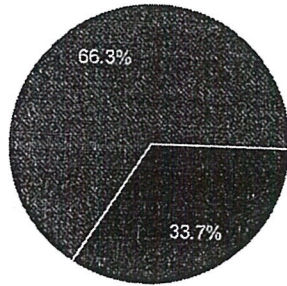
86 responses

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- FACULTY
- STUDENT

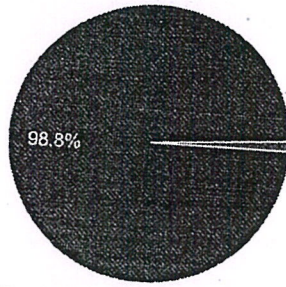
  
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1. What does IPR stand for?

86 responses


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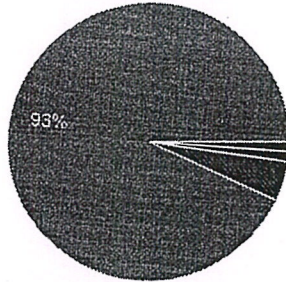


- a) International Property Rights
- b) Intellectual Property Rights
- c) Industrial Property Rights
- d) Innovative Property Rights

2. Which of the following is NOT a type of Intellectual Property (IP)?

86 responses


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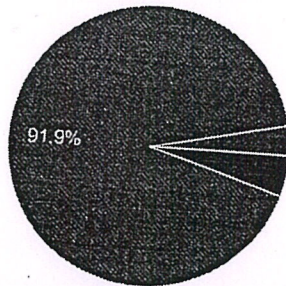


- a) Patents
- b) Copyrights
- c) Securities
- d) Trademarks

3. What is the primary purpose of IP protection for startups?

86 responses


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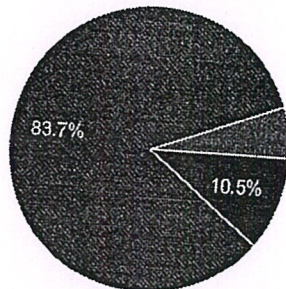


- a) To limit competition
- b) To encourage innovation and creativity
- c) To increase production costs
- d) To monopolize markets

4. Which type of IP protection is used to safeguard brand names and logos?

86 responses

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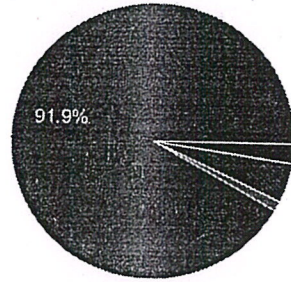
- a) Patents
- b) Trademarks
- c) Copyrights
- d) Trade Secrets



5. What challenges are commonly faced by startups regarding Intellectual Property (IP)?

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86 responses

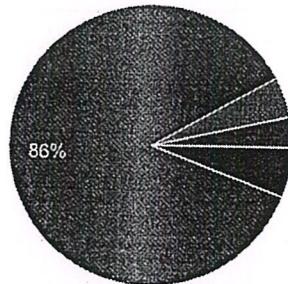


- a) High costs of IP protection
- b) Understanding legal complexities
- c) Enforcing IP rights
- d) All of the above

6. What is the term for the protection granted to original works of authorship such as writings, music, and artistic creations?

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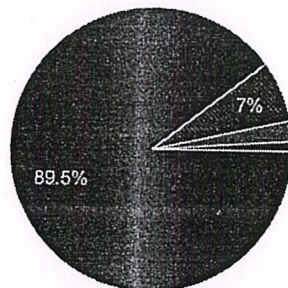


- a) Patents
- b) Copyrights
- c) Trademarks
- d) Trade Secrets

7. Which international agreement provides a framework for the protection of intellectual property rights globally?

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86 responses

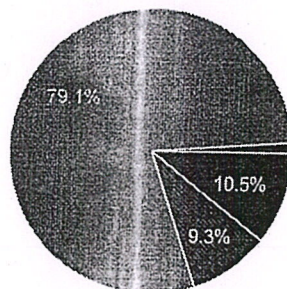


- a) TRIPS Agreement
- b) Paris Convention
- c) Madrid Protocol
- d) Berne Convention

8. Which of the following is NOT a requirement for obtaining a patent?

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86 responses



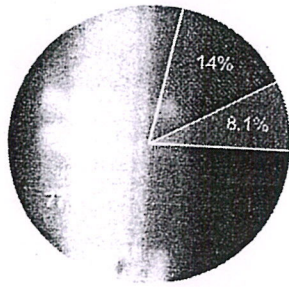
- a) Novelty
- b) Non-obviousness
- c) Public disclosure
- d) Usefulness

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9. What is the term for the unauthorized use or reproduction of someone else's work, invention, or creation?  Copy

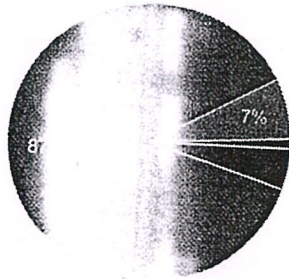
86 responses



- a) Infringement
- b) Piracy
- c) Plagiarism
- d) Counterfeiting

10. Which government agency in the United States is responsible for granting patents and trademarks?  Copy

86 responses

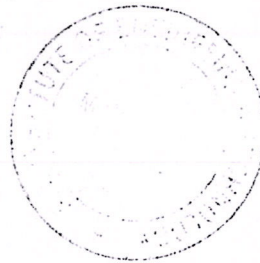


- a) U.S. Copyright Office
- b) U.S. Patent and Trademark Office (USPTO)
- c) Federal Trade Commission (FTC)
- d) Securities and Exchange Commission (SEC)

Thank you for participating in the quiz!

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