



J.K.K. MUNIRAJAH MEDICAL RESEARCH FOUNDATION

ANNAI J.K.K. SAMPOORANI AMMAL COLLEGE OF PHARMACY

Ethirmedi, B. Komarapalayam-638 183, Namakkal Dist. Tamilnadu,India.

Approved by : Pharmacy Council of India. New Delhi & Affiliated to The Tamilnadu Dr. M.G.R Medical University, Chennai.

Website : www.jkkmmrfpharmacy.edu.in / E-Mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944.

Dr.N. SENTHILKUMAR, M.Pharm., Ph.D.,

Principal

DATE:24/11/2022

DEPARTMENT OF PHARMACOLOGY

REPORT

This workshop focused on the Procedures and Regulations in Patenting of Bio-inventions, Patent Acts and Rules in relation to Life-Sciences and Drafting for Successful Patenting. Faculty/ students/ young scholars from different institutions/organizations participated in the workshop.

SEMINAR TITLE - PATENTING OF BIO-INVENTIONS

SEMINAR HALL

DATED: 19-11-2022

RESOURCE PERSON

Mr.G.Muthukumar., M.PHARM.,

**ASSOCIATE PROFESSOR, JKKMMRF'S ANNAI JKK SAMPOORANIAMMAL
COLLEGE OF PHARMACY, KOMARAPALAYAM**

No. of students enrolled: 350

No. of students certified: 350

No. of students certified in our Institution :34

Introduction:

The seminar on Patenting of Bio-Inventions was held on 19th November, 2022 at JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy. The seminar was organized by the Department of Pharmacy, and a total of 350 students participated. The purpose of the seminar was to provide attendees the importance of patenting for the development and application of new technology for the benefit of society and growth of the nation. At the end of the seminar, all attendees received a certificate of completion.



**Dr. N.SENTHILKUMAR,
PRINCIPAL**

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ETHIRMEDU, KOMARAPALAYAM - 638 183.
NAMAKKAL DISTRICT. TAMILNADU. INDIA.**

Objectives:

The main objectives of the seminar were to:

1. Evaluate the patentability of an invention
2. Decide whether to patent an invention
3. Prepare a patent application

Participants:

The seminar was open to all students at JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy, and a total of 350 students participated. The attendees represented a range of academic disciplines within the field of pharmacy, including pharmacology, pharmaceutical chemistry, and pharmacy practice. Most of the attendees had some prior experience with qualitative research, but some were new to the field.

Format:

The seminar was structured as a combination of lectures, group discussions, and hands-on exercises. The lectures were led by an experienced researcher with expertise in intellectual property rights and the hands-on exercises were led by a trained facilitator. The seminar was held over one full day, with breaks in between to allow attendees to rest and ask questions.

Content:

The seminar covered a range of topics related to Pharmacological research areas. On the first day, attendees learned about the importance of patenting for the development and application of new technology for the benefit of society. They also learned about the different sections involved in the Indian Patent Act.

Evaluation:

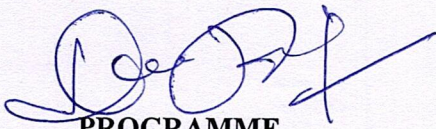
At the end of the seminar, attendees were asked to complete a short evaluation form to provide feedback on the seminar. Overall, the evaluations were very positive, with most attendees rating the workshop as "excellent" or "good." Attendees commented that the lectures were clear and well-organized, and that the hands-on exercises were helpful in providing a practical understanding on clear picture of Indian Patent Law.

Conclusion:

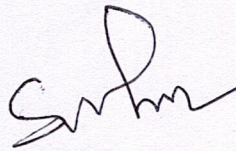
Overall, the seminar on Patenting of Bio-Inventions was a success. A total of 350 students participated, and all attendees received a certificate of completion. The positive feedback from attendees suggests that the workshop met its objectives and was well-received by the participants. The skills and knowledge gained from the seminar will be valuable to the students as they continue their studies and pursue careers in the field of pharmacy.

Recommendations:

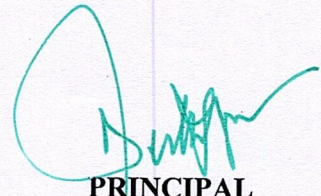
Based on the evaluations and feedback from attendees, we recommend offering similar seminar in the future to continue to build capacity in Patenting of Bio-Inventions at JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy. It may also be helpful to consider offering more advanced seminar for those who have already completed the basic workshop and are looking to further develop their skills.



**PROGRAMME
CO-ORDINATOR**



HOD



PRINCIPAL



**Dr. N. SENTHILKUMAR,
PRINCIPAL,
JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY,
ETHIRMEDU, KOMARAPALAYAM - 638 183.
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Dr.N. SENTHILKUMAR, M.Pharm., Ph.D.,

Principal

REF.NO: JKKM/PH/SEMINAR/REQ/2022/001

Date: 11/11/2022

From

Department of Pharmacology
JKKMMRF'S Annai JKK Sampoorni Ammal College of Pharmacy.
Komarapalayam, Namakkal [Dist]
Tamil Nadu, PIN:638183.

To

The Principal,
JKKMMRF'S Annai JKK Sampoorni Ammal College of Pharmacy.
Komarapalayam, Namakkal [Dist]
Tamil Nadu, PIN:638183.

Respected Sir,

Subject: Letter for requesting permission to conduct seminar regarding:-

We are writing this letter to request permission to conduct a seminar in the Seminar hall for one day on 19/11/2022. We wish to conduct the **seminar on Patenting of Bio-Inventions**. We believe that this will be a very informative session that many students will wish to attend.

We request you to kindly permit to conduct training program as this would be a great opportunity for Students to learn all about Identification of research problems in pharmacology that would help to shape the students.

Looking forward for your approval.

Thank you



Dr. N.SENTHILKUMAR,
PRINCIPAL

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY
ETHIRMEDU, KOMARAPALAYAM - 638 183.
NAMAKKAL DISTRICT, TAMILNADU, INDIA.

Yours sincerely,

Dr.V. Suresh

Signature of HOD.



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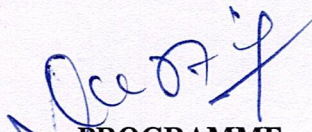
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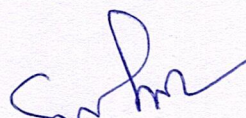
This is to inform all the students of our college that the seminar on **Patenting of Bio-Inventions** for the academic year 2022 – 2023 will be conducted on 19/11/2022 for all the batches. Hence request all the interested candidates to register for the seminar:


COURSE NAME	DATE	FN	AN	VENUE	RESOURCE PERSON
PATENTING OF BIO-INVENTIONS	19/11/2022	III B.PHARM (SEM-VI)	III B.PHARM (SEM-VI)	SEMINAR HALL	MR.G.MUTHUKUMARAN

All the above-mentioned students must enroll and actively participate in the course without fail.

NOTE: Certificates should be issued to all the students after completion of the course and examination.


**PROGRAMME
CO-ORDINADOR**

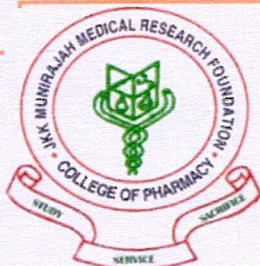

HOD


PRINCIPAL

**Dr. N.SENTHILKUMAR,
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**JKKMMRF'S ANNAI JKK
SAMPOORANIAMMAL
COLLEGE OF PHARMACY**

DEPARTMENT OF PHARMACOLOGY

PATENTING OF BIO-INVENTIONS

RESOURCE PERSON

**Mr.G.Muthukumaran, M.PHARM.,
ASSOCIATE PROFESSOR,
JKKMMRF'S ANNAI JKK SAMPOORANIAMMAL
COLLEGE OF PHARMACY, KOMARAPALAYAM.**

DATE: 19/11/2022

VENUE: SEMINAR HALL



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ABOUT THE TOPIC

PATENTING OF BIO-INVENTIONS

INTRODUCTION

A patent is an exclusive right granted by a government for an invention, which is a product or a process that provides, in general, a new way of doing something, or offers a new technical solution to a problem. The details on the way of acquiring patents will be provided for protecting precious intellectual properties.

CRITERIA FOR GRANTING A PATENT

In order to be patentable, an invention must meet the following three criteria:

- a. It must be new;
- b. It must involve an inventive step(that is, non-obvious to a person skilled in the relevant field of technology); and
- c. It must be capable of industrial application.

USE OF PATENT

Like the owner of any other private property, a patent owner has the right to prevent others from using it, abandon it, sell it, that is, assign it for a fee or free (gift), and allow one or many others to use it, while retaining its ownership, by 'licensing out' the patent for one or more specified purposes, during a specified time period, in one or more specified jurisdictions. Licensing is always done for a valid consideration that may be in cash or kind, as may be mutually agreed and specified in a written and formally signed license agreement.



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SEMINAR FEEDBACK FORM

STUDENT NAME:
YEAR/COURSE:
NAME OF THE WORKSHOP:

DATE:
DURATION:

EVALUATE HONESTLY:

Questions	Excellent	Good	Fair	Poor
The objectives of the training were				
The instructor's contribution to the course was:				
The presentation materials were relevant				
The instructor's effectiveness in teaching the subject matter was:				
Answers to the student's questions by the instructor				
The venue was appropriate for the event				
Course organization was:				
Level of course was				
Course content was:				

Student Participation

1. On average, how many hours a week did you spend on this course (in and out of class)?
A) 0-2 8) 2-5 C) 6-10 D) 11-14 E) 15UP
2. What grade do you expect in this course?
A) BELOW 50% B) 50-60% C) 60-70% D) 70-80% E) ABOVE 80%

SIGNATURE

Dr. N.SENTHILKUMAR,
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DATE:19/11/2022

SEMINAR FEEDBACK FORM

NAME OF STUDENT:		REGISTRATION NO:
COURSE:		YEAR & SEMESTER:
SEMINAR TOPIC:		DATE & TIME:
1.	Overall, how satisfied were you with this seminar?	
	<input type="radio"/> Very satisfied	
	<input type="radio"/> Satisfied	
	<input type="radio"/> Neutral	
	<input type="radio"/> Dissatisfied	
	<input type="radio"/> Very dissatisfied	
2.	How clear were the ideas and concepts we presented?	
	<input type="radio"/> Extremely clear	
	<input type="radio"/> Very clear	
	<input type="radio"/> Moderately clear	
	<input type="radio"/> Not very clear	
	<input type="radio"/> Not at all clear	
3.	What percentage of the information was new to you?	
	<input type="radio"/> 100%	
	<input type="radio"/> 75%	
	<input type="radio"/> 50%	
	<input type="radio"/> 25%	
	<input type="radio"/> 0%	



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4. **How informative did you find our seminar?**
- Extremely Informative
 - Very Informative
 - Moderately Informative
 - Not very informative
 - Not informative at all
5. **Were there any technical issues that prevented you from seeing or hearing the seminar?**
- Yes
 - No
6. **Would you like to learn more about this topic?**
- Yes
 - No
7. **Rate the content of the slides/virtual aid?**
- Extremely clear
 - Very clear
 - Moderately clear
 - Not very clear
 - Not at all clear
8. **How accurate was the session description?**
- Extremely clear
 - Very clear
 - Moderately clear
 - Not very clear
 - Not at all clear
9. **How did the session compare to your expectations?**
- Excellent
 - Good
 - Fair
 - Poor
 - Not at all clear
10. **How Would you rate the content of the seminar?**
- 1
 - 2
 - 3
 - 4
 - 5



Student Name with Signature


Dr. N.SENTHILKUMAR,
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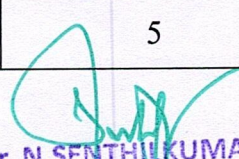
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Principal

STUDENTS FEEDBACK ANALYSIS

DATE: 24/11/2022

S.NO	QUESTION DESCRIPTION	ANSWERS	MARKS	TOTAL MARKS
1	Satisfaction	Very satisfied	5	5
		Satisfied	3	
		Neutral	2	
		Dissatisfied	1	
		Very dissatisfied	0	
2	Clarity	Extremely clear	5	5
		Very clear	4	
		Moderately clear	2	
		Not very clear	1	
		Not at all clear	0	
3	Percentage of the information was new	100%	5	5
		75%	4	
		50%	3	
		25%	2	
		0%	1	
4	Informative	Extremely Informative	5	5
		Very Informative	3	
		Moderately Informative	2	
		Not very informative	1	
		Not informative at all	0	
5	Technical issues	Yes	5	5
		No	0	
6	Like to learn more about this topic	Yes	5	5
		No	0	




Dr. N.SENTHILKUMAR,
PRINCIPAL

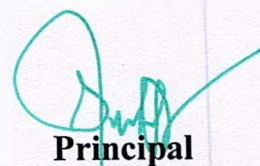
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7	Rate the content of the slides/virtual aid	Very clear	3	
		Moderately clear	2	
		Not very clear	1	
		Not at all clear	0	
8	Accuracy of the sessions	Extremely clear	5	5
		Very clear	3	
		Moderately clear	2	
		Not very clear	1	
		Not at all clear	0	
9	Session expectations	Excellent	5	5
		Good	3	
		Fair	2	
		Poor	1	
		Not at all clear	0	
10	Rate the content of the seminar	1	1	5
		2	2	
		3	3	
		4	4	
		5	5	

Total marks = 50



Head of the Department



Principal

**Dr. N.SENTHILKUMAR,
PRINCIPAL**

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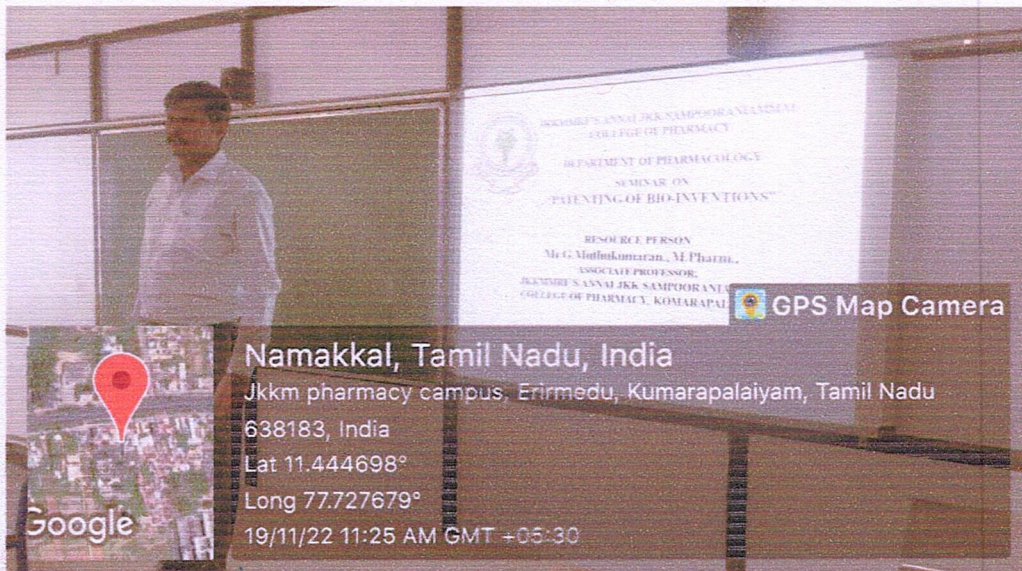
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SEMINAR ON PATENTING OF BIO-INVENTIONS

SEMINAR PHOTO



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Principal

LIST OF PARTICIPANTS

S.NO	NAME OF THE STUDENTS	YEAR/SEM	COURSE
1.	ARBITHA B	I	PHARM D
2.	BALRAJ P	I	PHARM D
3.	DANISHA T	I	PHARM D
4.	DHARANIKA S	I	PHARM D
5.	DELPHIN KINGSY	I	PHARM D
6.	GIRILIKESH R	I	PHARM D
7.	HARIHARAN D	I	PHARM D
8.	HARSINI T	I	PHARM D
9.	INFANT JOE SUBISHA A	I	PHARM D
10.	JAYESH P	I	PHARM D
11.	JOTHIPRAKASH A	I	PHARM D
12.	KIRTHICK ROSHAN R	I	PHARM D
13.	KIRUBA K	I	PHARM D
14.	LOKESH L	I	PHARM D
15.	MANIKANDAN V	I	PHARM D
16.	MANOJ C	I	PHARM D
17.	MOHAMMED A	I	PHARM D
18.	MOHANAPRIYA S	I	PHARM D
19.	MOHANRAJ R	I	PHARM D
20.	NITHYA SHREE S	I	PHARM D
21.	POOVARASAN C	I	PHARM D
22.	PRIYADHARSHINI S	I	PHARM D
23.	SIVAPOOJA C	I	PHARM D
24.	SUBHAHARINI R	I	PHARM D
25.	SAKTHIPRIYA P	I	PHARM D
26.	SUDESH G	I	PHARM D
27.	SWADESHI O S	I	PHARM D
28.	THIRUNAVUKARASU M	I	PHARM D
29.	VIGNESH R	I	PHARM D
30.	YOGESH WARAN M	I	PHARM D
31.	AJAY MILAN P	II	PHARM D
32.	AJAY SRINIVAS M	II	PHARM D
33.	AZHAGURAJA B	II	PHARM D
34.	DHARENI M	II	PHARM D



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**JKKMMRF'S ANNAI JKK SAMPOORANIAMMAL
COLLEGE OF PHARMACY**

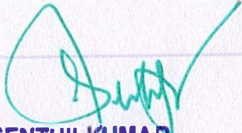
CERTIFICATE OF APPRECIATION

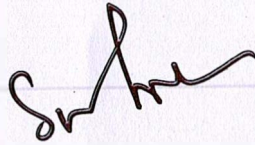


This is to certify that Mr./Mrs./Ms _____
has appreciated for his/her participation in the seminar on
“PATENTING OF BIO-INVENTIONS”
organized by
Department of Pharmacology on 19-11-2022




Convenor


Dr. N.SENTHILKUMAR,
PRINCIPAL,
JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY,
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Organizing Secretary