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

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

#### **REPORT**

#### RESOURCE PERSONS

#### 1. MR. A. SRINIVASAN

ASSISTANT PROFESSOR, JKKMMRF'S ANNAI JKK SAMPOORANIAMMAL COLLEGE OF PHARMACY, KOMARAPALAYAM.

### 2. DR. C J GLADY GLORIA GRANT

ASSISTANT PROFESSOR. JKKMMRF'S ANNAI JKK SAMPOORANIAMMAL COLLEGE OF PHARMACY, KOMARAPALAYAM.

#### 3. DR. DILEEP R

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

No. of students enrolled: 70

No. of students certified: 63

No. of students absent: 7

#### **Objectives**

After completing the course, students will be able to understand:

- Pharmacoeconomics in drug development
- Marketing Pharmaceuticals and Biotechnology Drugs
- Managed markets and sales strategy
- Strategic alliances in Academia, Pharma and biotec.
- Business Models and Portfolio Management.

#### Note:

Certificate will be issued only for the Students attending more than 3 days

Programme Co-ordinator

Principal

Dr. N.SENTHILKUMAR, PRINCIPAL.





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

**Principal** 

REF.NO: JKKM/PP/VAC/REQ/2022/002

Date:28.10.2022

From

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

To

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

Subject: Letter for requesting Permission to Conduct add on course regarding:-

Respected Sir,

We are writing this letter to request permission to conduct a value added course in the seminar hall on 03.11.2022 to 11.11.2022 on the topic **Drug commercialization**. We believe 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 **Drug commercialization** that would help a great deal to shape the students.

Looking forward to hearing from you.

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,

Signature of HOD



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

Date: 29.10.2022

#### **CIRCULAR**

This is inform to the students that the following value added course is conducted by the Department of Pharmacy Practice, JKKMMRF'S ANNAI JKKSAMPOORANIAMMAL COLLEGE OF PHARMACY, KOMARAPALAYAM and it will be commenced as per the schedule:

Course Name	Schedule	Duration	Venue	Resource Person		
DRUG COMMERCIALIZATION	03.11.2022 to 11.11.2022	30 HRS	SEMINAR HALL	Mr. A. Srinivasan Dr.C.J Glady Gloria Grant Dr. Dileep R		

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 courseand examination.

Programme co-ordinator

HOD

Principal

Dr. N.SENTHILKUMAR, PRINCIPAL,



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

#### **Principal**

ADD ON COURSE	DRUG COMMERCIALIZATION
DEPARTMENT	PHARMACY PRACTICE
ACADEMIC YEAR	2022-23
DATE	03.11.2022 - 11.11.2022
VENUE	SEMINAR HALL

#### **SYLLABUS**

DATE	HOURS	ТОРІС	SUB TOPICS	RESOURCE PERSON
03.11.2022	5 Hrs		<ul><li>Introduction</li><li>Pharmacoeconomics in drug development</li></ul>	Mr. A. Srinivasan  Dr.C.J Glady Gloria Grant
05.11.2022	5 Hrs	DRUG COMMERCIALIZATION	Marketing     Pharmaceuticals and     Biotecnology Drugs	Dr. Dileep R
08.11.2022	5 Hrs		Managed markets and sales strategy	Dr.C.J Glady Gloria Grant
09.11.2022	5 Hrs		<ul> <li>Strategic alliances in Academia, Pharma and biotec.</li> </ul>	Dr. Dileep R
10.11.2022	5 Hrs		Business Models and Portfolio Management.	Dr.C.J Glady Gloria Grant
11.11.2022	5 Hrs		<ul> <li>Academic Industry partnership "Various models, Various outcomes"</li> <li>From start ups to success in Biotech</li> </ul>	Mr. A. Srinivasan

Programme co-ordinator



HOD

Principal

Dr. N.SENTHILKUMAR,

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ADD ON COURSE	
	DRUG COMMERCIALIZATION
DEPARTMENT	PHARMACY PRACTICE
ACADEMIC YEAR	2022-23
DATE	03.11.2022 - 11.11.2022
VENUE	SEMINAR HALL

#### **BROUCHER**



JKKMMRF'S ANNAI JKK SAMPOORANIAMMAL COLLEGE OF PHARMACY, KOMARAPALAYAM.

**DEPARTMENT OF PHARMACY PRACTICE** 

**TOPIC: DRUG COMMERCIALIZATION** 

**VENUE: SEMINAR HALL** 

DATE: 03.11.2022 - 11.11.20222



This course will cover pharmacoeconomic, marketing strategy, intellectual property strategy, portfolio management, managed markets and strategic alliances. It will also have a leacture case study from startup to success.

This course will also discuss post-marketing clinical trials Pre-marketing strategy, pricing strategynand tactical plan will be developmed.

#### COURSE SCHEDULE:

- Introduction
- Pharmacoeconomics in drug development
- Marketing Pharmaceuticals and Biotecnology Drugs
- Managed markets and sales strategy
- Strategic alliances in Academia, Pharma and biotec.
- Business Models and Portfolio Management.
- Academic Industry partnership "Various models, Various outcomes"
- From start ups to success in Biotech

#### Resource person:



Mr. A. SRINIVASAN
ASSOCIATE PROFESSOR,
JKKMMRF'S ANNAI JKK
SAMPOORANIAMMAL
COLLEGE OF PHARMACY,
KOMARAPALAYAM



2. DR.C.J GLADY GLORIA GRANT ASSISTANT PROFESSOR, JKKMMRF'S ANNAI JKK SAMPOORANIAMMAL COLLEGE OF PHARMACY, KOMARAP ALLAYAM



3 DR DILEEP R
ASSISTANT PROFESSOR,
JKKMMRF'S ANNALIKK
SAMPOORANIAMMAL
COLLEGE OF PHARMACY,
KOMARAPALAYAM

#### DEPARTMENT OF PHARMACY PRACTICE

The department caters to the needs of the clinicians and patients by undertaking services such as medication therapy management, patient counselling, drug information services, medication reconciliation, pharmacovigilance, periodic safety update report (PSUR), Clinical Research, health screening program, community outreach program and continuing Pharmacy education program.

The expanding roles of the department include the application of evidence-based medicine towards patient safety, pharmaceutical care, translational research pharmacogenomics, and Clinical Research in disease management.

Organizing Committee

Dr.K C Arulprakasam., M.Pharm., Ph.D.,

Dr. Athra Rajkumar., Pharm D.,

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Dr. N.SENTHILKUMAR,

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# J.K.K. MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI J.K.K. SAMPOORANI AMMAL COLLEGE OF PHARMACY

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

**Principal** 

**ADD ON COURSE NAME: DRUG COMMERCIALIZATION** 

### **RESOURCE PERSON PROFILE**



A Contract

NAME : Mr. A. Srinivasan

**DESIGNATION** : Associate Professor

DEPARTMENT : Department of pharmacy practice

ORGANISATION : JKKMMRF'S Annai JKK Sampoorani Ammal

College of Pharmacy, Komarapalayam

**PHONE NUMBER** : +91 - 9842998355

Email ID : a.srinivasanmpharm@gmail.com

QUALIFICATION : M.Pharm

EXPERIENCE :

ADDRESS: 15-1/213 FK.V.P. Theater Road,

Elampillai (PO), Salem

Programme Co-ordinator



Dr. N.SENTHILKUMAR, PRINCIPAL

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY ETHIRMEDU, KOMARAPALAYAM - 636 183.

NAMAKKAL DISTRICT, TAMILNADU, II. A.



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**Principal** 

<u>ADD ON COURSE NAME :</u> DRUG COMMERCIALIZATION

RESOURCE PERSON PROFILE



NAME : Dr. C.J Glady Gloria Grant

**DESIGNATION** : Assistant Professor

**DEPARTMENT**: Department of Pharmacy Practice

ORGANISATION : JKKMMRF'S Annai JKK Sampoorani Ammal

College of Pharmacy, Komarapalayam

PHONE NUMBER : +91- 9487454989

Email ID : gladygloriagrant@gmail.com

QUALIFICATION : Pharm D

**EXPERIENCE** : 1.7 years

ADDRESS : Jehovah Shammah, 8/1059 D, EB Colony,

Vasavi College Post, Lakshmi Nagar, Bhavani,

**Erode Dist.** 

Programme Co-ordinator

Dr. N.SENTHILKUMAR, PRINCIPAL

NNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY
ETHIRMEDU, KOMARAPALAYAM - 638 183

NAMAKKAL DISTRICT, TAMILNADU, IN



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

**Principal** 

**ADD ON COURSE NAME: DRUG COMMERCIALIZATION** 

**RESOURCE PERSON PROFILE** 



AND.

NAME : Dr. Dileep R

**DESIGNATION** : Assistant Professor

**DEPARTMENT** : Pharmacy Practice

ORGANISATION : JKKMMRF'S Annai JKK Sampoorani Ammal

College of Pharmacy, Komarapalayam

PHONE NUMBER : 8921080689

Email ID : dildindiv@gmail.com

QUALIFICATION : Pharm D

**EXPERIENCE** : 1.6 Years

ADDRESS : Reena Cottage, Akamkudy P O

Nangiarkulangara ,Haripad, Kerala

Programme Co-ordinator

Komampalayam on OUN Salah Andrews Sala Barran Con Control Con Control Control

Principal

Dr. N.SENTHILKUMAR,
PRINCIPAL



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Principal

### **ADD-ON COURSE ORGANISING FACULTY MEMBERS**

**DEPARTMENT** 

: PHARMACY PRACTICE

ADD-ON COURSE NAME

: DRUG COMMERCIALIZATION

ACADEMIC YEAR

: 2022-2023

DATE

: 03/11/2022 to 11/11/2022

### LIST OF ADD-ON COURSE ORGANISING FACULTY MEMBERS

S.NO	NAME OF THE FACULTY	DESIGNATION
1.	Dr .K.C. Arul Prakasam	Associate professor
2.	Mr. A. Srinivasan	Associate professor
4.	Dr. C.J. Glady Gloria Grant	Assistant professor

HOD



PRINCIPAL

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Dr.N. SENTHILKUMAR, M.Pharm., Ph.D.,
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560020507561

MARIYA BENIT D

MEGAVARSHINI V G

MATHAN RAJ R

MEIYARASAN K

MUGILARASU S

NANDHAKUMAR T

MOHAN M

### LIST OF STUDENTS ENROLLED FOR THE COURSE

	ADD ON COURSE  DEPARTMENT ACADEMIC YEAR			DRUG COMMERCIALIZATION					
				PHARMACY PRACTICE					
				2022-23					
		DATE		03.11.2022 - 11.	11.2022				
	VENUE			SEMINAR H	ALL				
S No	o Reg No Name of the Student		nt	Course	Signature				
1	560020507543	KAMALI S D		B.Pharm Sem-V	Kami!				
2	560020507544	KANNAPRAN M		B.Pharm Sem-V	Kamphen				
3	560020507545	KARTHICKRAJA	S	B.Pharm Sem-V	Karthickraja. S				
4	560020507546	KARTHIKEYAN M	1 .	B.Pharm Sem-V	marth .				
5	560020507547	KASSIPRASATH G		B.Pharm Sem-V	Cale Present				
6	560020507548	KESIYAMOL VAR	GESH	B.Pharm Sem-V	Jeun Marie				
7	560020507549	KISHOREKUMAR	M	B.Pharm Sem-V	K. 82.				
8	560020507550	KOUSALYA R		B.Pharm Sem-V	Koul.				
9	560020507551	KUPENDRAN S		B.Pharm Sem-V	KAR.				
10	560020507552	LINDA DINOLIN I	3 A	B.Pharm Sem-V	200				
11	560020507553	LOGESH S	7	B.Pharm Sem-V	S. Lakeh				
12	560020507554	MANOJ K		B.Pharm Sem-V	Mark				

B.Pharm Sem-V

Dr. N.SENTATI KUMAR, PRINCIPAL,

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

20	560020507562	NAVEENKUMAR T	B.Pharm Sem-V	Nachall.
21	561958025	GOWTHAM D	B.Pharm Sem-VII	CR+
22	561958026	GOWTHAMAN R	B.Pharm Sem-VII	Gowthaman, R
23	561958028	GUNAL R	B.Pharm Sem-VII	Charle R.
24	561958029	GUNASEKAR K	B.Pharm Sem-VII	Garaglan K
25	561958031	HARIKRISHNAN M	B.Pharm Sem-VII	Havehrestran
26	561958032	JEEVANANTHAM S	B.Pharm Sem-VII	Jenevan Jun. S
27	561958033	JEGANPATHY S	B.Pharm Sem-VII	hams
28	561958036	KARTHI V	B.Pharm Sem-VII	Kantha
29	561958037	KARTHICK M	B.Pharm Sem-VII	Karthack . M.
30	561958038	KARTHIKA M	B.Pharm Sem-VII	Karla M
31	561958039	KAVIN P	B.Pharm Sem-VII	Hours Y
32	561958040	KAVINRAJ K	B.Pharm Sem-VII	Rominail
33	561958041	KAVIPRASANTH S	B.Pharm Sem-VII	
34	561958042	KEERTHIHARAN S	B.Pharm Sem-VII	Kent
35	561958043	KESAVAN K	B.Pharm Sem-VII	Resough
36	561958044	KUMARESAN M	B.Pharm Sem-VII	TES.
37	561958045	LOGANATHAN R	B.Pharm Sem-VII	mus.
38	561958046	LOGESH R	B.Pharm Sem-VII	Logosh . R
39	561958048	MANIKAVASAGAM B	B.Pharm Sem-VII	Moent m. B
40	561958049	MESHAPRIYA P M	B.Pharm Sem-VII	Medigina
41	561958050	MOHAMED JAMSHER B	B.Pharm Sem-VII	Mohn Jamon B
42	261621507501	ASHWINI G M	M.Pharm (Pharmacology) Sem-II	Ashurin'. Gr
43	261621507502	BHARATHIRAJA A	M.Pharm (Pharmacology) Sem-II	Bhulair
44	261621507503	GOWTHAM S	M.Pharm (Pharmacology) Sem-II	Gouth.
45	261621507504 N. RESEA	KANNIKA R	M.Pharm (Pharmacology) Sem-II	Komuko &

Dr. N.SENTHILKUMAR, PRINCIPAL,

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

46	261621507505	KISHORE JOSE A	M.Pharm (Pharmacology) Sem-II	Hechone July
47	261621507506	KRISHNAMOORTHY K	M.Pharm (Pharmacology) Sem-II	Krisham
48	261621507507	MATHISHKUMAR A	M.Pharm (Pharmacology) Sem-II	Matte Henry
49	261621507508	MUJEEBUDDIN C S	M.Pharm (Pharmacology) Sem-II	Mudlet
50	261621507509	NITHYADEVI P	M.Pharm (Pharmacology) Sem-II	P. Dithigo Dai
51	261621507510	PAVITHRA K	M.Pharm (Pharmacology) Sem-II	K Paretten
52	261621507511	RAJEEVGANDHI R	M.Pharm (Pharmacology) Sem-II	Dayenst R
53	261621507512	SHABEEBA K A	M.Pharm (Pharmacology) Sem-II	Shall
54	261621507513	SHAFFINTAJ M	M.Pharm (Pharmacology) Sem-II	800X
55	261621507514	SHANMUGA PRIYA G	M.Pharm (Pharmacology) Sem-II	Shame.
56	261621507515	SRINIVAS V	M.Pharm (Pharmacology) Sem-II	sput.
57	261521507511	SOORYA	M.Pharm (Pharmacy Practice) Sem-II	doorys.
58	261521507512	SUHEAL A	M.Pharm (Pharmacy Practice) Sem-II	Palport
59	261521507513	SUVAVARTHANA N	M.Pharm (Pharmacy Practice) Sem-II	Smouth
60	261521507514	TAMILVANAN R	M.Pharm (Pharmacy Practice) Sem-II	ant
61	261521507509	SHARMILA K	M.Pharm (Pharmacy Practice) Sem-II	R. Shilanc
62	OBLESTISONATO	SIDDEEQUE K	M.Pharm (Pharmacy Practice) Sem-II	Bidux
1/3	William State of		Dr. N.SE	NTHIMMITTE

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

63	MPY/938/2022	VATHENDIRAN S	M.Pharm (Pharmaceutics) Sem-I	Value Han. 8
64	MPY/939/2022	NANDHINI.S	M.Pharm (Chemistry) Sem-I	Nondennis
65	MPY/939/2022	RAJESH KUMAR S	M.Pharm (Chemistry) Sem-I	Ranken. 3
66	MPY/940/2022	CHERAN K	M.Pharm (Analysis) Sem-I	cheran.k
67	MPY/941/2022	PRAVEEN RAJ K	M.Pharm (Analysis) Sem-I	Panua Prij
68	MPY/942/2022	PRIYADHARSHINI.B	M.Pharm (Analysis) Sem-I	Paire
69	MPY/943/2022	SUBASH.V	M.Pharm (Analysis) Sem-I	Superly. W
70	MPY/944/2022	VAHITH E	M.Pharm (Analysis) Sem-I	Nahuez.

Dr. N.SENTHILKUMAR, PRINCIPAL,



Komarapalayani

### J.K.K. MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI J.K.K. SAMPOORANI AMMAL COLLEGE OF PHARMACY

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

### STUDENTS ATTENDANCE FOR THE COURSE

ADD ON COURSE	DRUG COMMERCIALIZATION
DEPARTMENT	PHARMACY PRACTICE
ACADEMIC YEAR	2022-23
DATE	03.11.2022 - 11.11.2022
VENUE	SEMINAR HALL
DEC NO NAME OF THE	COVERS

	VENUE		SEM	INAR F	IALL			
REG.NO	NAME OF THE	COURSE	03.11	05.11	08.11	09.11	10.11	11.11
	STUDENT							
560020507543	KAMALI S D	B.PHARM SEM-V	1	(	1	1	1	1
560020507544	KANNAPRAN M	B.PHARM SEM-V	1	ì	1	,	,	1
560020507545	KARTHICKRAJA S	B.PHARM SEM-V	1	1	1	,	1	,
560020507546	KARTHIKEYAN M	B.PHARM SEM-V	1	1	1	1	1	1
560020507547	KASSIPRASATH G	B.PHARM SEM-V	(	1	1	,	1	1
560020507548	KESIYAMOL							
300020307348	VARGEESH	B.PHARM SEM-V	1	(		1	1	1
560020507549	KISHOREKUMAR M	B.PHARM SEM-V	,	1	1	1	1	1
560020507550	KOUSALYA R	B.PHARM SEM-V	1	ì	1	1	,	1
560020507551	KUPENDRAN S	B.PHARM SEM-V	,	,	1	1	1	1
560020507552	LINDA DINOLIN B A	B.PHARM SEM-V	1	1	,	1	1	1
560020507553	LOGESH S	B.PHARM SEM-V	,	1	1	1	1	1
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560020507557	MEGAVARSHINI V G	B.PHARM SEM-V	1	1	1	1	1	1
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560020507559	MOHAN M	B.PHARM SEM-V	1	1	1	1	1	1
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Dr. N.SENTRILKUMAR, PRINCIPAL,



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### J.K.K. MUNIRAJAH MEDICAL RESEARCH FOUNDATION ANNAI J.K.K. SAMPOORANI AMMAL COLLEGE OF PHARMACY

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S.NO	REG.NO	NAME OF THE	COURSE	03.11	05.11	08.11	09.11	10.11	11.11
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23.	561958028	GUNAL R	B.PHARM SEM-VII	1	,	1	1	-	1
24.	561958029	GUNASEKAR K	B.PHARM SEM-VII	1	1	1	1	1	1
25.	561958031	HARIKRISHNAN M	B.PHARM SEM-VII	1	1	1	1	1	/
26.	561958032	JEEVANANTHAM S	B.PHARM SEM-VII	1	1	1	(	1	1
27.	561958033	JEGANPATHY S	B.PHARM SEM-VII	1	1	(	1	1	,
28.	561958036	KARTHI V	B.PHARM SEM-VII	1	1	1	1	,	,
29.	561958037	KARTHICK M	B.PHARM SEM-VII	1	1	1	1	1	1
30.	561958038	KARTHIKA M	B.PHARM SEM-VII	/	1	1	1	1	1
31.	561958039	KAVIN P	B.PHARM SEM-VII	1	1	1	1	1	1
32.	561958040	KAVINRAJ K	B.PHARM SEM-VII	1	1	1	(	1	1
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35.	561958043	KESAVAN K	B.PHARM SEM-VII	1	1	1	1		1
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39.	561958048	MANIKAVASAGAM B	B.PHARM SEM-VII	1	1	ſ	,	1	1
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**Principal** REG.NO S.NO NAME OF THE COURSE 03.11 05.11 08.11 09.11 10.11 11.11 STUDENT M.PHARM **SUHEAL A** (PHARMACY A A A A A A 58. 261521507512 PRACTICE) SEM-II M.PHARM SUVAVARTHANA N (PHARMACY 1 59 261521507513 PRACTICE) SEM-II M.PHARM TAMILVANAN R (PHARMACY 60. 261521507514 PRACTICE) SEM-II M.PHARM (PHARMACY SHARMILA K 61 261521507509 PRACTICE) SEM-II M.PHARM SIDDEEQUE K (PHARMACY 1 62 261521507510 PRACTICE) SEM-II M.PHARM MPY/938/2022 **VATHENDIRAN S** (PHARMACEUTICS) 1 63 SEM-I M.PHARM MPY/939/2022 NANDHINI.S (PHARMACEUTICAL A A A A A 64. CHEMISTRY) SEM-I M.PHARM MPY/939/2022 **RAJESH KUMAR S** (PHARMACEUTICAL 65. CHEMISTRY) SEM-I M.PHARM MPY/940/2022 CHERAN K (PHARMACEUTICAL 66. ANALYSIS) SEM-I M.PHARM MPY/941/2022 PRAVEEN RAJ K (PHARMACEUTICAL A A 67. ANALYSIS) SEM-I M.PHARM MPY/942/2022 PRIYADHARSHINI.B (PHARMACEUTICAL 68 ANALYSIS) SEM-I M.PHARM MPY/943/2022 SUBASH.V (PHARMACEUTICAL

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S.NO	REG.NO	NAME OF THE STUDENT	COURSE	03.11	05.11	08.11	09.11	10.11	11.11
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#### **Principal**

ADD ON COURSE	DRUG COMMERCIALIZATION
DEPARTMENT	PHARMACY PRACTICE
ACADEMIC YEAR	2022-23
DATE	03.11.2022 - 11.11.2022
VENUE	SEMINAR HALL

### ANSWER ALL THE QUESTIONS

DATE: 11.11.2022

- 1. Which of the following is the primary goal of drug commercialization?
  - a. Ensuring patient safety
  - b. Maximizing profits for the pharmaceutical company
  - c. Meeting regulatory requirements
  - d. Addressing unmet medical needs
- 2. Which phase of drug development typically involves preclinical testing in animals?
  - a. Phase I
  - b. Phase II
  - c. Phase III
  - d. Phase IV
- 3. What is the term used to describe the process of obtaining regulatory approval for a new drug?
  - a. Drug discovery
  - b. Drug commercialization
  - c. Drug manufacturing
  - d. Drug registration
- 4. Which of the following is an example of a regulatory agency responsible for drug approval in the United States?
  - a. FDA (Food and Drug Administration)
  - b. EMA (European Medicines Agency)
  - c. MHRA (Medicines and Healthcare products Regulatory Agency)
  - d. TGA (Therapeutic Goods Administration)

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Dr. N.SENTHILKUMAR, PRINCIPAL

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

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- 5. What is the term used to describe the practice of marketing a drug for uses not approved by regulatory authorities?
  - a. Off-label promotion
  - b. Direct-to-consumer advertising
  - c. Comparative advertising
  - d. Indication expansion
- 6. Which of the following is an example of a patent-related barrier to generic drug commercialization?
  - a. Orphan drug exclusivity
  - b. Data exclusivity
  - c. Patent infringement
  - d. Market exclusivity
- 7. Which of the following is a key consideration in determining the pricing of a newly commercialized drug?
  - a. Manufacturing costs
  - b. Research and development expenses
  - c. Market demand
  - d. Competitor pricing
- 8. What is the term used to describe the process of adapting a drug formulation to be suitable for commercial production?
  - a. Scale-up
  - b. Drug repurposing
  - c. Bioequivalence testing
  - d. Pharmacovigilance
- 9. Which of the following is a potential challenge in the commercialization of biologic drugs?
  - a. High manufacturing costs
  - b. Shorter development timelines
  - c. Easier regulatory approval
  - d. Greater patent protection
- 10. What is the purpose of conducting post-marketing surveillance for a commercialized drug?
  - a. To monitor and evaluate the drug's safety and effectiveness
  - b. To develop new indications for the drug
  - c. To gather marketing data for promotional purposes
  - d. To ensure compliance with manufacturing standards
- 11. Which of the following factors can influence the success of a drug's commercialization?
  - a. Efficacy and safety profile
  - b. Market competition
  - c. Regulatory environment
  - d. All of the above

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- 12. Which phase of clinical trials typically involves a larger number of participants to assess drug effectiveness and monitor side effects?
  - a. Phase I
  - b. Phase II
  - c. Phase III
  - d. Phase IV
- 13. What is the term used to describe the process of bringing a generic drug to market after the patent protection of the reference brand drug has expired?
  - a. Patent cliff
  - b. Hatch-Waxman Act
  - c. Drug repositioning
  - d. Biosimilar development
- 14. Which of the following statements is true regarding drug pricing and reimbursement?
  - a. Reimbursement decisions are solely based on drug prices.
  - b. High drug prices always lead to high reimbursements.
  - c. Drug prices and reimbursements are often subject to negotiations.
  - d. Drug prices are determined by insurance companies.
- 15. Which of the following marketing channels is commonly used for prescription drug promotion?
  - a. Television commercials
  - b. Social media advertisements
  - c. Direct mail to patients
  - d. Over-the-counter displays
- 16. What is the term used to describe the exclusive marketing rights granted to the developer of a new drug?
  - a. Patent protection
  - b. Orphan drug designation
  - c. Market exclusivity
  - d. Data exclusivity
- 17. Which of the following is a key consideration in selecting a target market for a commercialized drug?
  - a. Disease prevalence
  - b. Competitor analysis
  - c. Physician preferences
  - d. All of the above
- 18. Which of the following is an example of a risk associated with drug commercialization?
  - a. Adverse events and side effects
  - b. High manufacturing costs
  - c. Intellectual property infringement
  - d. Shortage of raw materials

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- 19. What is the term used to describe the practice of promoting a drug directly to consumers through advertisements?
  - a. Direct-to-consumer advertising
  - b. Physician detailing
  - c. Key opinion leader promotion
  - d. Medical representative marketing
- 20. Which of the following strategies can be used to extend the commercial life of a drug nearing patent expiration?
  - a. Developing a new formulation
  - b. Obtaining additional indications
  - c. Entering new geographic markets
  - d. All of the above
- 21. What is the term used to describe the process of ensuring that a generic drug is therapeutically equivalent to the reference brand drug?
  - a. Bioequivalence testing
  - b. Post-marketing surveillance
  - c. Comparative effectiveness research
  - d. Drug repurposing
- 22. Which of the following statements is true regarding the commercialization of rare disease drugs?
  - a. The market potential for rare disease drugs is typically high.
  - b. Rare disease drugs often face challenges in clinical development.
  - c. Regulatory approval for rare disease drugs is usually faster.
  - d. Rare disease drugs are exempt from patent protection.
- 23. What is the primary goal of pre-launch market research in drug commercialization?
  - a. Assessing physician prescribing patterns
  - b. Identifying patient demographics and preferences
  - c. Analyzing competitor strategies
  - d. All of the above
- 24. Which of the following factors can affect the timeline for drug commercialization?
  - a. Regulatory review process
  - b. Manufacturing scale-up challenges
  - c. Market research and analysis
  - d. All of the above
- 25. What is the term used to describe the transfer of a drug's manufacturing process from the research laboratory to a commercial production facility?
  - a. Technology transfer
  - b. Drug repurposing
  - c. Post-marketing surveillance
  - d. Comparative effectiveness research

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- 26. Which of the following is an example of a post-marketing commitment required by regulatory agencies for certain drugs?
  - a. Conducting long-term safety studies
  - b. Reducing the drug's price
  - c. Increasing marketing efforts
  - d. Expanding manufacturing capacity
- 27. What is the term used to describe the process of identifying potential drug candidates for further development?
  - a. Drug discovery
  - b. Drug repurposing
  - c. Clinical development
  - d. Drug registration
- 28. Which of the following is an example of a market exclusivity period granted to a drug upon regulatory approval?
  - a. Orphan drug exclusivity
  - b. Patent protection
  - c. Data exclusivity
  - d. Market monopoly
- 29. What is the term used to describe the practice of promoting a drug to healthcare professionals through educational materials and events?
  - a. Physician detailing
  - b. Direct-to-consumer advertising
  - c. Comparative advertising
  - d. Medical representative marketing
- 30. Which of the following stakeholders play a critical role in the successful commercialization of a drug?
  - a. Pharmaceutical companies
  - b. Regulatory agencies
  - c. Healthcare providers
  - d. All of the above

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#### ANSWER KEY

- 1. Which of the following is the primary goal of drug commercialization? Answer: d. Addressing unmet medical needs
- 2. Which phase of drug development typically involves preclinical testing in animals? Answer: a. Phase I
- 3. What is the term used to describe the process of obtaining regulatory approval for a new drug?

Answer: b. Drug commercialization

4. Which of the following is an example of a regulatory agency responsible for drug approval in the United States?

Answer: a. FDA (Food and Drug Administration)

5. What is the term used to describe the practice of marketing a drug for uses not approved by regulatory authorities?

Answer: a. Off-label promotion.

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NAMAKKAL DISTRICT, TAMILNADU, INDIA.

6. Which of the following is an example of a patent-related barrier to generic drug commercialization?

Answer: c. Patent infringement

7. Which of the following is a key consideration in determining the pricing of a newly commercialized drug?

Answer: d. Competitor pricing

8. What is the term used to describe the process of adapting a drug formulation to be suitable for commercial production?

Answer: a. Scale-up

9. Which of the following is a potential challenge in the commercialization of biologic drugs?

Answer: a. High manufacturing costs

10. What is the purpose of conducting post-marketing surveillance for a commercialized drug?

Answer: a. To monitor and evaluate the drug's safety and effectiveness

- 11. Which of the following factors can influence the success of a drug's commercialization?

  Answer: d. All of the above
- 12. Which phase of clinical trials typically involves a larger number of participants to assess drug effectiveness and monitor side effects?

Answer: c. Phase III

13. What is the term used to describe the process of bringing a generic drug to market after the patent protection of the reference brand drug has expired?

Answer: d. Biosimilar development

14. Which of the following statements is true regarding drug pricing and reimbursement? Answer: c. Drug prices and reimbursements are often subject to negotiations.

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15. Which of the following marketing channels is commonly used for prescription drug promotion?

Answer: c. Direct mail to patients

16. What is the term used to describe the exclusive marketing rights granted to the developer of a new drug?

Answer: c. Market exclusivity

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Answer: d. All of the above

- 18. Which of the following is an example of a risk associated with drug commercialization? Answer: a. Adverse events and side effects
- 19. What is the term used to describe the practice of promoting a drug directly to consumers through advertisements?

Answer: a. Direct-to-consumer advertising

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Answer: d. All of the above

- 21. What is the term used to describe the process of ensuring that a generic drug is therapeutically equivalent to the reference brand drug?

  Answer: a. Bioequivalence testing
- 22. Which of the following statements is true regarding the commercialization of rare disease drugs?

Answer: b. Rare disease drugs often face challenges in clinical development.

23. What is the primary goal of pre-launch market research in drug commercialization?

Answer: d. All of the above

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- 24. Which of the following factors can affect the timeline for drug commercialization?

  Answer: d. All of the above
- 25. What is the term used to describe the transfer of a drug's manufacturing process from the research laboratory to a commercial production facility?

  Answer: a. Technology transfer
- 26. Which of the following is an example of a post-marketing commitment required by regulatory agencies for certain drugs?

  Answer: a. Conducting long-term safety studies
- 27. What is the term used to describe the process of identifying potential drug candidates for further development?

  Answer: a. Drug discovery
- 28. Which of the following is an example of a market exclusivity period granted to a drug upon regulatory approval?

  Answer: a. Orphan drug exclusivity
- 29. What is the term used to describe the practice of promoting a drug to healthcare professionals through educational materials and events?

  Answer: a. Physician detailing
- 30. Which of the following stakeholders play a critical role in the successful commercialization of a drug?

  Answer: d. All of the above





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ADD ON COURSE	DRUG COMMERCIALIZATION
DEPARTMENT	PHARMACY PRACTICE
ACADEMIC YEAR	2022-23
DATE	03.11.2022 - 11.11.2022
VENUE	SEMINAR HALL

#### ANSWER ALL THE QUESTIONS

DATE: 11.11.2022

- 1. Which of the following is the primary goal of drug commercialization?
  - a. Ensuring patient safety
  - b. Maximizing profits for the pharmaceutical company
  - Meeting regulatory requirements
    - d. Addressing unmet medical needs
- 2. Which phase of drug development typically involves preclinical testing in animals?
  - a. Phase I
  - b. Phase II
  - c. Phase III
  - d. Phase IV
- 3. What is the term used to describe the process of obtaining regulatory approval for a new drug?
  - a. Drug discovery
  - b. Drug commercialization
  - . Drug manufacturing
    - d. Drug registration
- 4. Which of the following is an example of a regulatory agency responsible for drug approval in the United States?
  - a. FDA (Food and Drug Administration)
  - b. EMA (European Medicines Agency)
  - c. MHRA (Medicines and Healthcare products Regulatory Agency)
  - d. TGA (Therapeutic Goods Administration)

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- 5. What is the term used to describe the practice of marketing a drug for uses not approved by regulatory authorities?
  - a. Off-label promotion
  - b. Direct-to-consumer advertising
  - Comparative advertising
  - d. Indication expansion
- 6. Which of the following is an example of a patent-related barrier to generic drug commercialization?
  - a. Orphan drug exclusivity
  - b. Data exclusivity
  - c. Patent infringement
  - d. Market exclusivity
- 7. Which of the following is a key consideration in determining the pricing of a newly commercialized drug?
  - a. Manufacturing costs
  - b. Research and development expenses
  - c. Market demand
  - d. Competitor pricing
- 8. What is the term used to describe the process of adapting a drug formulation to be suitable for commercial production?
  - a. Scale-up
  - b. Drug repurposing
  - c. Bioequivalence testing
  - d. Pharmacovigilance
- 9. Which of the following is a potential challenge in the commercialization of biologic drugs?
  - a High manufacturing costs
  - b. Shorter development timelines
  - c. Easier regulatory approval
  - d. Greater patent protection
- 10. What is the purpose of conducting post-marketing surveillance for a commercialized drug?
  - a. To monitor and evaluate the drug's safety and effectiveness
  - b. To develop new indications for the drug
  - c. To gather marketing data for promotional purposes
  - A. To ensure compliance with manufacturing standards
- 11. Which of the following factors can influence the success of a drug's commercialization?
  - a. Efficacy and safety profile
  - b. Market competition
  - Regulatory environment

d. All of the above

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- 12. Which phase of clinical trials typically involves a larger number of participants to assess drug effectiveness and monitor side effects?
  - a. Phase I
  - b. Phase II
  - A. Phase III
  - d. Phase IV
- 13. What is the term used to describe the process of bringing a generic drug to market after the patent protection of the reference brand drug has expired?
  - a. Patent cliff
  - Jo. Hatch-Waxman Act
  - c. Drug repositioning
  - d. Biosimilar development
- 14. Which of the following statements is true regarding drug pricing and reimbursement?
  - a. Reimbursement decisions are solely based on drug prices.
  - b. High drug prices always lead to high reimbursements.
  - Drug prices and reimbursements are often subject to negotiations.
  - d. Drug prices are determined by insurance companies.
- 15. Which of the following marketing channels is commonly used for prescription drug promotion?
  - a Television commercials
  - b. Social media advertisements
  - c. Direct mail to patients
  - d. Over-the-counter displays
- 16. What is the term used to describe the exclusive marketing rights granted to the developer of a new drug?
  - a. Patent protection
  - b. Orphan drug designation
  - c. Market exclusivity
  - d. Data exclusivity
- 17. Which of the following is a key consideration in selecting a target market for a commercialized drug?
  - a. Disease prevalence
  - b. Competitor analysis
  - `c. Physician preferences
  - d. All of the above
- 18. Which of the following is an example of a risk associated with drug commercialization?
  - a. Adverse events and side effects
  - b. High manufacturing costs
  - c. Intellectual property infringement
  - d. Shortage of raw materials



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- 19. What is the term used to describe the practice of promoting a drug directly to consumers through advertisements?
  - a. Direct-to-consumer advertising
  - b. Physician detailing
  - c. Key opinion leader promotion
  - d. Medical representative marketing
- 20. Which of the following strategies can be used to extend the commercial life of a drug nearing patent expiration?
  - Developing a new formulation
  - b. Obtaining additional indications
  - c. Entering new geographic markets
  - d. All of the above
- 21. What is the term used to describe the process of ensuring that a generic drug is therapeutically equivalent to the reference brand drug?
  - a. Bioequivalence testing
  - b. Post-marketing surveillance
  - c. Comparative effectiveness research
  - d. Drug repurposing
- 22. Which of the following statements is true regarding the commercialization of rare disease drugs?
  - a. The market potential for rare disease drugs is typically high.
  - b. Rare disease drugs often face challenges in clinical development.
  - c. Regulatory approval for rare disease drugs is usually faster.
  - Rare disease drugs are exempt from patent protection.
- 23. What is the primary goal of pre-launch market research in drug commercialization?
  - a. Assessing physician prescribing patterns
  - b. Identifying patient demographics and preferences
  - c. Analyzing competitor strategies
  - d. All of the above
- 24. Which of the following factors can affect the timeline for drug commercialization?
  - a. Regulatory review process
  - b. Manufacturing scale-up challenges
  - c. Market research and analysis
  - d. All of the above
- 25. What is the term used to describe the transfer of a drug's manufacturing process from the research laboratory to a commercial production facility?
  - a Technology transfer
  - b. Drug repurposing
  - c. Post-marketing surveillance
  - d. Comparative effectiveness research

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- 26. Which of the following is an example of a post-marketing commitment required by regulatory agencies for certain drugs?
  - a. Conducting long-term safety studies
  - b. Reducing the drug's price
  - Increasing marketing efforts
  - d. Expanding manufacturing capacity
- 27. What is the term used to describe the process of identifying potential drug candidates for further development?
  - a. Drug discovery
  - b. Drug repurposing
  - Clinical development
    - d. Drug registration
- 28. Which of the following is an example of a market exclusivity period granted to a drug upon regulatory approval?
  - a. Orphan drug exclusivity
  - b. Patent protection
  - c. Data exclusivity
  - d. Market monopoly
- 29. What is the term used to describe the practice of promoting a drug to healthcare professionals through educational materials and events?
  - a. Physician detailing
  - b. Direct-to-consumer advertising
  - c. Comparative advertising
  - d. Medical representative marketing
- 30. Which of the following stakeholders play a critical role in the successful commercialization of a drug?
  - a. Pharmaceutical companies
  - b. Regulatory agencies
  - c. Healthcare providers
  - d. All of the above

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DEPARTMENT	PHARMACY PRACTICE
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### MARK STATEMENT

S.NO	REG.NO	NAME OF THE STUDENT	COURSE	MARK	%
1.	560020507543	KAMALI S D	B.PHARM SEM-V	24	80
2.	560020507544	KANNAPRAN M	B.PHARM SEM-V	24	80
3.	560020507545	KARTHICKRAJA S	B.PHARM SEM-V	24	80
4.	560020507546	KARTHIKEYAN M	B.PHARM SEM-V	24	80
5.	560020507547	KASSIPRASATH G	B.PHARM SEM-V	24	80
6.	560020507548	KESIYAMOL VARGEESH	B.PHARM SEM-V	24	80
7.	560020507549	KISHOREKUMAR M	B.PHARM SEM-V	24	80
8.	560020507550	KOUSALYA R	B.PHARM SEM-V	24	80
9.	560020507551	KUPENDRAN S	B.PHARM SEM-V	26	86.67
10.	560020507552	LINDA DINOLIN B A	B.PHARM SEM-V	24	80
11.	560020507553	LOGESH S	B.PHARM SEM-V	25	83.33
12.	560020507554	MANOJ K	B.PHARM SEM-V	27	90
13.	560020507555	MARIYA BENIT D	B.PHARM SEM-V	27	90
14.	560020507556	MATHAN RAJ R	B.PHARM SEM-V	27	90
15.	560020507557	MEGAVARSHINI V G	B.PHARM SEM-V	27	90
16.	560020507558	MEIYARASAN K	B.PHARM SEM-V	241	80
RESE	560020507559	MOHAN M	B.PHARM SEM-V	24 W	80

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S.NO	REG.NO	NAME OF THE STUDENT	COURSE	MARK	%
18.	560020507560	MUGILARASU S	B.PHARM SEM-V	24	80
19.	560020507561	NANDHAKUMAR T	B.PHARM SEM-V	24	80
20.	560020507562	NAVEENKUMAR T	B.PHARM SEM-V	27	90
21.	561958025	GOWTHAM D	B.PHARM SEM-VII	27	90
22.	561958026	GOWTHAMAN R	B.PHARM SEM-VII	26	86.67
23.	561958028	GUNAL R	B.PHARM SEM-VII	26	86.67
24.	561958029	GUNASEKAR K	B.PHARM SEM-VII	26	86.67
25.	561958031	HARIKRISHNAN M	B.PHARM SEM-VII	28	93.33
26.	561958032	JEEVANANTHAM S	B.PHARM SEM-VII	28	93.33
27.	561958033	JEGANPATHY S	B.PHARM SEM-VII	28	93.33
28.	561958036	KARTHI.V	B.PHARM SEM-VII	26	86.67
29.	561958037	KARTHICK M	B.PHARM SEM-VII	26	86.67
30.	561958038	KARTHIKA M	B.PHARM SEM-VII	26	86.67
31.	561958039	KAVIN P	B.PHARM SEM-VII	28	93.33
32.	561958040	KAVINRAJ K	B.PHARM SEM-VII	28	93.33
33.	561958041	KAVIPRASANTH S	B.PHARM SEM-VII	28	93.33
34.	561958042	KEERTHIHARAN S	B.PHARM SEM-VII	29	96.67
35.	561958043	KESAVAN K	B.PHARM SEM-VII	28	93.33
36.	561958044	KUMARESAN M	B.PHARM SEM-VII	29	96.67
37.	561958045	LOGANATHAN R	B.PHARM SEM-VII	28	93.33
38.	561958046	LOGESH R	B.PHARM SEM-VII	29	96.67
39.	561958048	MANIKAVASAGAM B	B.PHARM SEM-VII	28	93.33
40.	561958049	MESHAPRIYA P M	B.PHARM SEM-VII	29	96.67
41.	561958050	MOHAMED JAMSHEER B	B.PHARM SEM-VII	24	80
42.	261621507501	ASHWINI G M	M.PHARM (pharmacology) SEM-II	24	80
43.	261621507502	BHARATHIRAJA A	M.PHARM (pharmacology) SEM-II	24	80
44.	261621507503	GOWTHAM S	M.PHARM (pharmacology) SEM-II	24	80
45.	261621507504	KANNIKA R	M.PHARM (pharmacology) SEM-II	ABSENT	NA
AHER	361621507505	KISHORE JOSE A	M.PHARM	26	86.67

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**Principal** S.NO REG.NO NAME OF THE COURSE **MARK** % **STUDENT** (pharmacology) SEM-II M.PHARM 26 86.67 261621507506 KRISHNAMOORTHY K 47 (pharmacology) SEM-II M.PHARM 24 80 261621507507 MATHISHKUMAR A 48 (pharmacology) SEM-II M.PHARM ABSENT NA 261621507508 MUJEEBUDDIN C.S. 49 (pharmacology) SEM-II M.PHARM 25 83.33 261621507509 NITHYADEVI P 50 (pharmacology) SEM-II M.PHARM 26 86.67 261621507510 **PAVITHRA K** 51 (pharmacology) SEM-II M.PHARM ABSENT NA 261621507511 RAJEEVGANDHI R 52 (pharmacology) SEM-II M.PHARM 27 90 261621507512 SHABEEBA K A 53 (pharmacology) SEM-II M.PHARM 29 96.67 261621507513 SHAFFINTAJ M 54 (pharmacology) SEM-II M.PHARM 27 90 261621507514 SHANMUGA PRIYA G 55 (pharmacology) SEM-II M.PHARM 27 90 261621507515 SRINIVAS V 56 (pharmacology) SEM-II M.PHARM (PHARMACY 28 93.33 **SOORYA** 261521507511 57. PRACTICE) SEM-II M.PHARM (PHARMACY ABSENT NA SUHEAL A 58. 261521507512 PRACTICE) SEM-II M.PHARM (PHARMACY 27 90 SUVAVARTHANA N 59. 261521507513 PRACTICE) SEM-II M.PHARM (PHARMACY 24 80 TAMILVANAN R 60. 261521507514 PRACTICE) SEM-II M.PHARM (PHARMACY 24 80 SHARMILA K 61. 261521507509 PRACTICE) SEM-II M.PHARM (PHARMACY 24 80 SIDDEEQUE K 62. 261521507510 PRACTICE) SEM-II M.PHARM 26 86.67 MPY/938/2022 VATHENDIRAN S (PHARMACEUTICS) SEMI

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S.NO	REG.NO	NAME OF THE STUDENT	COURSE	MARK	%
64.	MPY/939/2022	NANDHINI.S	M.PHARM (PHARMACEUTICAL CHEMISTRY) SEM-I	ABSENT	NA
65.	MPY/939/2022	RAJESH KUMAR S	M.PHARM (PHARMACEUTICAL CHEMISTRY) SEM-I	26	86.67
66.	MPY/940/2022	CHERAN K	M.PHARM (PHARMACEUTICAL ANALYSIS) SEM-I	26	86.67
67.	MPY/941/2022	PRAVEEN RAJ K	M.PHARM (PHARMACEUTICAL ANALYSIS) SEM-I	ABSENT	NA
68.	MPY/942/2022	PRIYADHARSHINI.B	M.PHARM (PHARMACEUTICAL ANALYSIS) SEM-I	24	80
69.	MPY/943/2022	SUBASH.V	M.PHARM (PHARMACEUTICAL ANALYSIS) SEM-I	24	80
70.	MPY/944/2022	VAHITH E	M.PHARM (PHARMACEUTICAL ANALYSIS) SEM-I	ABSENT	NA



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### J.K.K. MUNIRAJAH MEDICAL RESEARCH FOUNDATION

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560020507543

ADD ON COURSE	DRUG COMMERCIALIZATION				
DEPARTMENT	PHARMACY PRACTICE				
ACADEMIC YEAR	2022-23				
DATE	03.11.2022 - 11.11.2022				
VENUE	SEMINAR HALL				

YEAR/COURSE: J. Sem. B. Physm.,

NAME OF THE ADD ON COURSE: Drug Commercialization.

COURSE CODE:

#### **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:	V			
Answers to the students questions by the instructor				
The venue was appropriate for the event				
Course organisation was:	~			
Level of course was				
Course content was:		V		

#### Student Participation

1. On average, how many hours a week did you spend on this course (in and out of class)? A)0-2 B) 2-5 C)6-10 D)11-14 E)15UP

2. What grade do you expect in this course?

B) 50-60% C) 60-70% D) 70-80% E) ABOVE 80%

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SIGNATURE

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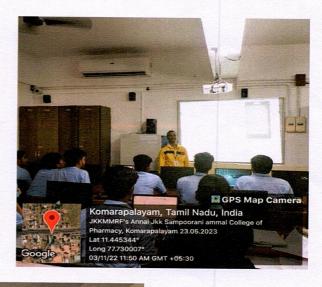
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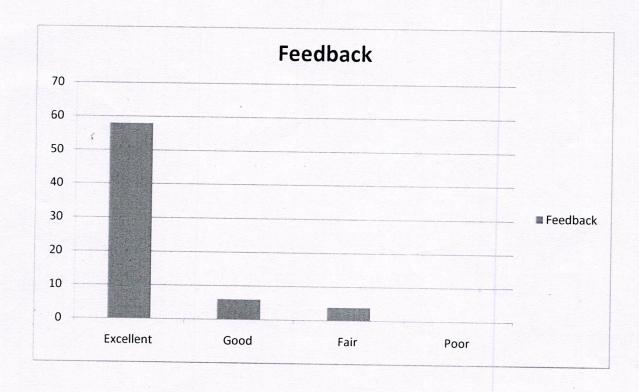
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### STUDENTS FEEDBACK ANALYSIS





Dr. N.SENTHILKUMAR,

# JKKMMRF'S ANNAIJKK SAMPOORANI AMMAL COLLEGE OF PHARMACY CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

RAJESH KUMARS

FOR SUCCESSFULLY COMPLETING THE VALUE ADDED COURSE ON DRUG COMMERCIALIZATION DURING 03.11.2022 TO 11.11.2022 ORGANISED BY DEPARTMENT OF PHARMACY PRACTICE

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CONVENOR

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**ORGANIZER**