

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL

REPORT

Dr. K. SUMATHI M. Pharm., Ph.D.

ASSOCIATE PROFESSOR, JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL
COLLEGE OF PHARMACY, KOMARAPALAYAM.

Mr. V. SURESH KANNAN M. Pharm.,

ASSOCIATE PROFESSOR, JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL
COLLEGE OF PHARMACY, KOMARAPALAYAM.

No. of students enrolled: 59

No. of students certified: 55

No. of students Absent: 04

Course Description:

This course introduces students to various analytical techniques used in pharmaceutical chemistry for the identification, quantification, and characterization of pharmaceutical compounds. Students will gain practical knowledge and theoretical understanding of modern analytical methods employed in pharmaceutical research and quality control.

Course Objectives:

By the end of the course, students should be able to:

- Understand the principles and applications of different analytical techniques.
- Select appropriate analytical methods for specific pharmaceutical analysis scenarios.
- Interpret and analyse experimental data generated from various analytical instruments.
- Identify sources of error and limitations associated with different analytical techniques.
- Apply analytical techniques to solve real-world pharmaceutical problems.


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.
NAMAKKAL DISTRICT, TAMILNADU.



JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



Approved by: Pharmacy Council of India, New Delhi &

Affiliated to The Tamilnadu Dr. M.G.R Medical University, Chennai.

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedi, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

REF.NO: JKKM/PG-PHARM.CHEM/REQ/2023/003

Date: 28.12.2023

From

Department of Pharmaceutical chemistry,
JKKMMRF'S Annai JKK Sampoorani Ammal College of Pharmacy.
Komarapalayam, Namakkal [Dist.]
Tamil Nadu, PIN-638183.

To

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

Respected Sir,

Subject: Letter for requesting Permission to Conduct an **ADD ON COURSE** regarding: -

We Are writing this letter to request permission to conduct an Add on course in the Seminar Hall on **02.01.2024 to 06.01. 2024**. We wish to conduct an Add on course regarding the **ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY**. 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 **ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY** that would help a great deal to shape the students.

Looking forward to hearing from you.

Thank you,

Yours sincerely,

Programme Co-ordinator



Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedi, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944



Dr. N. SENTHILKUMAR, Ph.D.,
Principal
Date: 29.12.2023

CIRCULAR

This is informed to the ALL PHARM.D, M. PHARM, B. PHARM Students that the following value-added course can be conducted by the Department of Pharmaceutical Chemistry, ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, KOMARAPALAYAM and it will be commenced as per the schedule:

Course Name	Schedule	Duration	Venue	Resource Person
ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY	02.01.2024 to 06.01.2024	30 HRS	SEMINAR HALL	Dr.K. SUMATHI & Mr. SURESH KANNAN

All the above-mentioned students must enrol 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-ORDINATOR


HOD


PRINCIPAL



Dr. N. SENTHILKUMAR,
PRINCIPAL,
JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY,
ETHIRMEDU, KOMARAPALAYAM - 638183.
NAMAKKAL DISTRICT, TAMILNADU.

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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



Accredited by NAAC "A" Grade and ISO Certified

Ethirmedi, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL

SYLLABUS

DATE	HOURS	TOPIC	SUB TOPICS	RESOURCE PERSON
02.01.2024	6HRS	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY	Introduction to Analytical Techniques in Pharmaceutical Chemistry	Dr.K. SUMATHI
03.01.2024	6 HRS		Spectroscopic Techniques	
04.01.2024	6 HRS		Electrochemical Methods	
05.01.2024	6 HRS		Chromatographic Techniques	Mr. SURESH KANNAN
06.01.2024	6 HRS		Case Studies and Applications	


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.

NAMAKKAL DISTRICT, TAMILNADU.





ABOUT US

DR. J.K.K.MUNIRAJAH, A LEADING INDUSTRIALIST OF KOMARPALAYAM TOWN, NAMAKKAL DT, TAMILNADU, INDIA IS THE CHAIRMAN AND MANAGING TRUSTEE OF ANNAI J.K.K.SAMPOORANI AMMAL CHARITABLE TRUST. HE HAD HIS POST GRADUATE STUDIES IN "TEXTILE MANAGEMENT" RENOWNED BOLTON INSTITUTE OF TECHNOLOGY, BOLTON, UNITED KINGDOM. HE IS THE MANAGING DIRECTOR OF TWO TEXTILE SPINNING MILLS, ONE AT KOMARAPALAYAM, AND ANOTHER AT TIRUCHENGODE. HE HAS FORTY YEARS OF EXPERIENCE IN ADMINISTERING INDUSTRIAL ESTABLISHMENTS.

HE FOUNDED ANNAI J.K.K.SAMPOORANI AMMAL CHARITABLE TRUST IN MEMORY OF HIS BELOVED MOTHER IN 1971 FOR THE PURPOSE OF PROVIDING HEALTH CARE AND EDUCATION TO THE PUBLIC AT LARGE.HE FOUNDED UNDER THE AUSPICES OF THE TRUST,A HUNDRED BEDDED HOSPITAL AND ALSO PARAMEDICAL INSTITUTIONS OFFERING COURSES BOTH DEGREE AND DIPLOMA IN FACULTIES OF NURSING PHARMACY AND PHYSIOTHERAPY AT KOMARAPALAYAM NAMAKAL DT,TAMILNADU,INDIA.



JKKMMRF'S ANNAI
JKK SAMPOORANI
AMMAL COLLEGE OF
PHARMACY,
KOMARAPALAYAM

DEPARTMENT OF
PHARMACEUTICAL
CHEMISTRY

TOPIC:

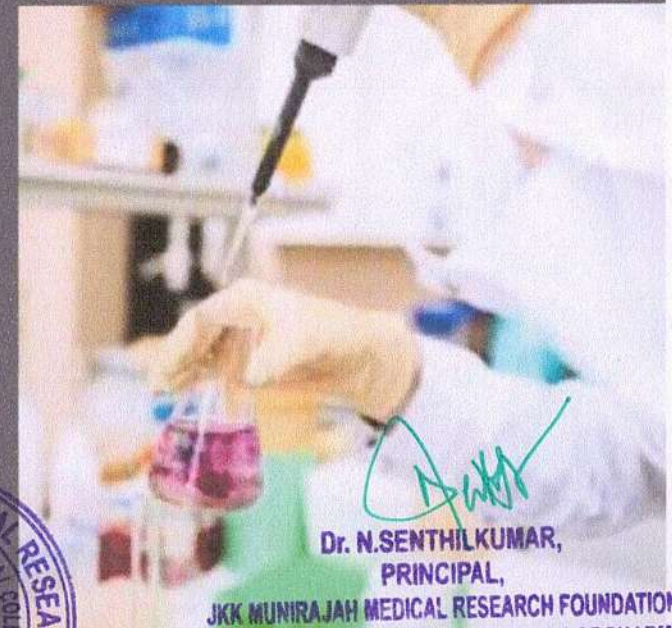
ANALYTICAL
TECHNIQUES IN
PHARMACEUTICAL
CHEMISTRY



VENUE:SEMINAR HALL

DATE :02.01.2024- 06.01.2024

TIME: 9 AM TO 6 PM



Dr. N.SENTHILKUMAR,
PRINCIPAL,

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



DR.K.SUMATHI,M.PHARM,PH.D,
ASSOCIATE PROFESSOR
DEPARTMENT OF PHARMACEUTICAL
CHEMISTRY



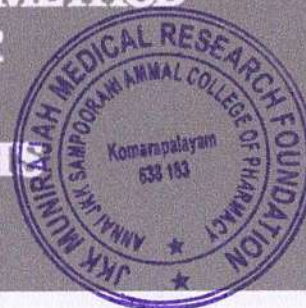
MR.V.SURESHKANNAN,M.PHARM
ASSISTANT PROFESSOR
DEPARTMENT OF PHARMACEUTICAL
ANALYSIS



JKKMMRF'S ANNAI JKK
SAMPOORANI AMMAL
COLLEGE OF
PHARMACY,
KOMARAPALAYAM


SUBTITLE:

- INTRODUCTION OF ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
- SPECTROSCOPIC TECHNIQUES
- ELECTROCHEMICAL METHOD
- CHROMSTOGRSPHIC TECHNIQUES
- CASE STUDIES AND ITS APPLICATIONS



ORGANISING
COMMITTEE:

- DR.T.VENKATACHALAM
- MR.R.VIJAY AMIRTHARAJ
- DR.M.CHITRA
- DR.A.CHITRA
- DR.P.KALAISELVI
- MS.P.GAYATHRI
- MRS.P.RAGAVI


Dr. N.SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL

RESOURCE PERSON PROFILE



Name	Dr. K. SUMATHI., M. Pharm., Ph.D.,
Designation	Associate Professor
Department	Department of Pharmaceutical Chemistry
Organization	JKK Munirajah Medical Research Foundation – Annai JKK Sampoorni Ammal college of Pharmacy, Komarapalayam
Phone Number	9080189507
Email Id	kabhisumi@gmail.com
Qualification	M. Pharm., Ph.D.
Experience	24 years



Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL

RESOURCE PERSON PROFILE



Name	Mr. V. SURESH KANNAN M.PHARM.,
Designation	Associate Professor
Department	Department of Pharmaceutical Chemistry
Organization	JKK Munirajah Medical Research Foundation – Annai JKK Sampoorani Ammal college of Pharmacy, Komarapalayam
Phone Number	8247615680
Email Id	sureshkannanraman320@gmail.com
Qualification	M. Pharm
Experience	15 years



Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAL JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944



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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL

LIST OF STUDENTS ENROLLED FOR THE COURSE

S.NO	REG.NO	NAME OF THE STUDENTS	COURSES	SIGNATURE
1	380023507525	SHARMITHA S	I PHARM.D	S. Sharmitha
2	380023507526	SUDHARSHAN V	I PHARM.D	V. Sudharshan
3	380023507527	SWETHA M	I PHARM.D	M. Swetha
4	380021507506	HARINI M	III PHARM.D	M. Harini
5	380021507507	HARSHINI REETHU S	III PHARM.D	S. Harshini
6	380021507508	HASAN MOHAMED K	III PHARM.D	K. Hasan
7	380021507509	JAGAN S	III PHARM.D	S. Jagan
8	380020507524	SHYLA I	IV PHARM.D	I. Shyla
9	380020507525	SRINITHI C G	IV PHARM.D	G. Srinithi
10	381910417	MAHALAKSHMI M	V PHARM.D	M. Mahalakshmi
11	381810412	FELIC S	VI PHARM.D	S. Felic
12	381810413	GNANAGURU C	VI PHARM.D	C. Gnanaguru
13	381810414	GOPI B	VI PHARM.D	B. Gopi
14	381810415	KARTHIKA SREEKUMAR J	VI PHARM.D	J. Karthika
15	560023507531	JOTHIMURUGAN R	SEM-IB.PHARM	R. Jothimurugan
16	560023507532	KABILAN S	SEM-I B.PHARM	S. Kabilan
17	560023507533	KALAIYARASAN S	SEM-I B.PHARM	S. Kalaiyarasan
18	560023507534	KARPAGAM M	SEM-I B.PHARM	M. Karpagam
19	560023507535	KEERTHIKA D	SEM-I B.PHARM	D. Keerthika
20	560022507514	BHARATHIKANNAN E	SEM-III B.PHARM	E. Bharathikannan
21	560022507515	DEVI PRIYA M	SEM-III B.PHARM	M. Devi Priya
22	560022507516	DHANANJI V	SEM-III B.PHARM	V. Dhananji
23	560022507517	DHANUSH S	SEM-III B.PHARM	S. Dhanush
24	560022507518	DHARSHINI A	SEM-III B.PHARM	A. Dharsini
25	560022507519	DIVYA C	SEM-III B.PHARM	C. Divya
26	560022507518	ABHIRAM K	SEM-III B.PHARM	K. Abhiram
27	560022507518	ABDULLA M	SEM-III B.PHARM	M. Abdulla

Dr. N. SENTHILKUMAR,
PRINCIPAL,



JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAL JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY,

ETHIRMEDU, KOMARAPALAYAM - 638 183.

NAMAKKAL DISTRICT, TAMILNADU.

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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



Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

28	560022507579	SHOMESHWARAN P	SEM-III B.PHARM	P. SHAM
29	560022507580	SIVANI C	SEM-III B.PHARM	SIVANI
30	560022507581	SRIRAM S	SEM-III B.PHARM	SRIRAM
31	560022507582	SUBAN M	SEM-III B.PHARM	SUBAN
32	560021507510	BALAJI P	SEM-IVB.PHARM	BALAJI
33	560021507511	BALAJI P L	SEM-IVB.PHARM	BALAJI
34	560021507547	KAVISELVAN R	SEM-IVB.PHARM	KAVISELVAN
35	560021507548	KAVYASRI S	SEM-IVB.PHARM	KAVYASRI
36	560021507549	KIRUTHIGA T	SEM-IVB.PHARM	KIRUTHIGA
37	560021507550	KOWSIHA S	SEM-IVB.PHARM	KOWSIHA
38	560021507551	MADHAN KUMAR G	SEM-IVB.PHARM	MADHAN
39	560020507520	DHANUSH S	SEM-IVB.PHARM	DHANUSH
40	560020507521	DHAYANANTHAN V	SEM-IVB.PHARM	DHAYANANTHAN
41	560020507522	DINESH K	SEM-IVB.PHARM	DINESH
42	560020507523	DINESH M	SEM-IVB.PHARM	DINESH
43	560020507524	DINESHKUMAR P	SEM-IVB.PHARM	DINESH
44	261323507503	CHERAN N	SEM-I M.PHARM (P'CEUTICALANALYSIS)	N. Cheran
45	261323507504	JAYAANAND R	SEM-I M.PHARM (P'CEUTICALANALYSIS)	JAYANAND
46	261523507512	SOUNTHARYA C	SEM-I M.PHARM (PHARMACY PRACTICE)	SOUNTHARYA
47	261523507513	SWETHA E R	SEM-I M.PHARM (PHARMACY PRACTICE)	SWETHA
48	261523507514	TAMILELAKKIYA S	SEM-I M.PHARM (PHARMACY PRACTICE)	TAMILELAKKIYA
49	261523507515	VINITHA S	SEM-I M.PHARM (PHARMACY PRACTICE)	VINITHA
50	261723507501	GIFRRIN DONA E	SEM-I M.PHARM (PHARMACOGNOSY)	GIFRRIN
51	261723507502	GINI JAMEENA Y	SEM-I M.PHARM (PHARMACOGNOSY)	GINI
52	261823507513	ROHIT SUNDHAR S	SEM-I M.PHARM (REGULATORY AFFAIRS)	ROHIT SUNDHAR
53	261823507514	SENHA A	SEM-I M.PHARM (REGULATORY AFFAIRS)	SENHA
54	261823507515	VIJAY A	SEM-I M.PHARM (REGULATORY AFFAIRS)	VIJAY
55	261522507504	MOHAMMED FAWAZ	SEM-III M.PHARM (PHARMACY PRACTICE)	MOHAMMED
56	261522507505	MOHAMMED FALEEK A K	SEM-III M.PHARM (PHARMACY PRACTICE)	MOHAMMED
57	261522507506	MOHAMMED V	SEM-III M.PHARM (PHARMACY PRACTICE)	MOHAMMED



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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944



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

58	261522507507	SHAMEEM BABU M	SEM-III M.PHARM (PHARMACY PRACTICE)	
59	261822507501	ANBUDURAI S	SEM-III M.PHARM (REGULATORY AFFAIRS)	

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,
NAMAKKAL DISTRICT, TAMILNADU.



Dr. N.SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL

LIST OF STUDENTS ATTENDENCE FOR THE COURSE

S.N O	REG.NO	NAME OF THE STUDENTS	COURSES	2/1	3/1	4/1	5/1	6/1
1.	380023507525	SHARMITHA S	I PHARM.D	/	/	/	/	/
2.	380023507526	SUDHARSHAN V	I PHARM.D	/	/	/	/	/
3.	380023507527	SWETHA M	I PHARM.D	/	/	/	/	/
4.	380021507506	HARINI M	III PHARM.D	/	/	/	/	/
5.	380021507507	HARSHINI REETHU S	III PHARM.D	/	/	/	/	/
6.	380021507508	HASAN MOHAMED K	III PHARM.D	/	/	/	/	/
7.	380021507509	JAGAN S	III PHARM.D	/	/	/	/	/
8.	380020507524	SHYLA I	IV PHARM.D	/	/	/	/	/
9.	380020507525	SRINITHI C G	IV PHARM.D	/	/	/	/	/
10.	381910417	MAHALAKSHMI M	V PHARM.D	A	A	A	A	A
11.	381810412	FELIC S	VI PHARM.D	/	/	/	/	/
12.	381810413	GNANAGURU C	VI PHARM.D	/	/	/	/	/
13.	381810414	GOPI B	VI PHARM.D	/	/	/	/	/
14.	381810415	KARTHIKA SREEKUMAR J	VI PHARM.D	/	/	/	/	/
15.	560023507531	JOTHIMURUGAN R	SEM-IB.PHARM	/	/	/	/	/
16.	560023507532	KABILAN S	SEM-I B.PHARM	/	/	/	/	/
17.	560023507533	ALAIYARASAN S	SEM-I B.PHARM	/	/	/	/	/



Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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



Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

18.	560023507534	KARPAGAM M	SEM-I B.PHARM	/	/	/	/	/
19.	560023507535	KEERTHIKA D	SEM-I B.PHARM	/	/	/	/	/
20.	560022507514	BHARATHIKANNAN E	SEM-III B.PHARM	/	/	/	/	/
21.	560022507515	DEVI PRIYA M	SEM-III B.PHARM	/	/	/	/	/
22.	560022507516	DHANANJI V	SEM-III B.PHARM	/	/	/	/	/
23.	560022507517	DHANUSH S	SEM-III B.PHARM	/	/	/	/	/
24.	560022507518	DHARSHINI A	SEM-III B.PHARM	/	/	/	/	/
25.	560022507519	DIVYA C	SEM-III B.PHARM	/	/	/	/	/
26.	560022507577	SEKAR G	SEM-III B.PHARM	/	/	/	/	/
27.	560022507578	SHEIK ABDULLA M	SEM-III B.PHARM	/	/	/	/	/
28.	560022507579	SHOMESHWARAN P	SEM-III B.PHARM	/	/	/	/	/
29.	560022507580	SIVANI C	SEM-III B.PHARM	A	A	A	A	A
30.	560022507581	SRIRAM S	SEM-III B.PHARM	/	/	/	/	/
31.	560022507582	SUBAN M	SEM-III B.PHARM	/	/	/	/	/
32.	560021507510	BALAJI P	SEM-IVB.PHARM	/	/	/	/	/
33.	560021507511	BALAJI P L	SEM-IVB.PHARM	/	/	/	/	/
34.	560021507547	KAVISELVAN R	SEM-IVB.PHARM	/	/	/	/	/
35.	560021507548	KAVYASRI S	SEM-IVB.PHARM	/	/	/	/	/
36.	560021507549	KIRUTHIGA T	SEM-IVB.PHARM	/	/	/	/	/
37.	560021507550	KOWSIHA S	SEM-IVB.PHARM	/	/	/	/	/



(Signature)
Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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



Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

38.	560021507551	MADHAN KUMAR G	SEM-IVB.PHARM	/	/	/	/	/
39.	560020507520	DHANUSH S	SEM-IVB.PHARM	/	/	/	/	/
40.	560020507521	DHAYANANTHAN V	SEM-IVB.PHARM	/	/	/	/	/
41.	560020507522	DINESH K	SEM-IVB.PHARM	/	/	/	/	/
42.	560020507523	DINESH M	SEM-IVB.PHARM	A	A	A	A	A
43.	560020507524	DINESHKUMAR P	SEM-IVB.PHARM	/	/	/	/	/
44.	261323507503	CHERAN N	SEM-I M.PHARM (P'ANALYSIS)	/	/	/	/	/
45.	261323507504	JAYANAND R	SEM-I M.PHARM (P'ANALYSIS)	/	/	/	/	/
46.	261523507512	SOUNTHARYA C	SEM-I M.PHARM (P' PRACTICE)	/	/	/	/	/
47.	261523507513	SWETHA E R	SEM-I M.PHARM (P' PRACTICE)	/	/	/	/	/
48.	261523507514	TAMILELAKKIYA S	SEM-I M.PHARM (P' PRACTICE)	/	/	/	/	/
49.	261523507515	VINITHA S	SEM-I M.PHARM (P' PRACTICE)	A	A	A	A	A
50.	261723507501	GIFFRRIN DONA E	SEM-I M.PHARM (P'COGNOSY)	/	/	/	/	/
51.	261723507502	GINI JAMEENA Y	SEM-I M.PHARM (P'COGNOSY)	/	/	/	/	/
52.	261823507513	ROHIT SUNDHAR S	SEM-I M.PHARM (REG.AFFAIRS)	/	/	/	/	/
53.	261823507514	SENHA A	SEM-I M.PHARM (REG.AFFAIRS)	/	/	/	/	/
54.	261823507515	VIJAY A	SEM-I M.PHARM (REG.AFFAIRS)	/	/	/	/	/
55.	261522507504	MOHAMMED FAWAZ	SEM-III M.PHARM (REG.AFFAIRS)	/	/	/	/	/
56.	261522507505	MOHAMMED SALEEK A K	SEM-III M.PHARM (P' PRACTICE)	/	/	/	/	/
57.	261522507506	NAINA MOHAMMED V	SEM-III M.PHARM (P' PRACTICE)	/	/	/	/	/
58.	261522507507	SHAMEEM BABU M	SEM-III M.PHARM (P' PRACTICE)	/	/	/	/	/
59.	261522507501	ANBUDURAI S	SEM-III M.PHARM (REG.AFFAIRS)	/	/	/	/	/



Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944



Dr. N. SENTHILKUMAR, Ph.D.,

Principal

ADD ON COURSE – ANSWER SHEET

ADD – ON COURSE TITLE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY	
NAME OF THE STUDENT	CHERAN.N	
DATE	06/01/2024	
REGISTER NO	26132350 T503	
COURSE/ YEAR/ SEM	SEM - I . M . PHARM (PHARMACEUTICAL ANALYSIS)	MARKS OBTAINED: 20
SIGNATURE: N. Cheran	STUDENT: CHERAN.N	STAFF:

ANSWER ALL THE QUESTION:

MULTIPLE CHOICE QUESTION

MARKS:20

1. What is the principle behind High-Performance Liquid Chromatography (HPLC)?
 - A) Separation based on particle size
 - B) Separation based on vapor pressure
 - C) Separation based on differential adsorption
 - D) Separation based on solubility
2. Which technique is best suited for the analysis of volatile compounds?
 - A) High-Performance Liquid Chromatography (HPLC)
 - B) Gas Chromatography (GC)
 - C) Thin-Layer Chromatography (TLC)
 - D) Capillary Electrophoresis (CE)
3. What information does Infrared Spectroscopy (IR) primarily provide?
 - A) Molecular weight
 - B) Functional groups
 - C) Atomic composition
 - D) Crystalline structure



Dr. N.SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



Approved by: Pharmacy Council of India, New Delhi &

Affiliated to The Tamilnadu Dr. M.G.R Medical University, Chennai.

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944



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

4. How does Nuclear Magnetic Resonance (NMR) spectroscopy help in determining the structure of a molecule?
- A) By measuring absorbance of UV light
 - B) By detecting the presence of specific metal ions
 - C) By analyzing magnetic properties of nuclei
 - D) By measuring the thermal transitions
5. What is the primary use of Mass Spectrometry (MS) in pharmaceutical chemistry?
- A) Determining melting points
 - B) Measuring optical rotation
 - C) Identifying molecular weight and structure
 - D) Analyzing thermal stability
6. What advantage does Tandem Mass Spectrometry (MS/MS) offer over single-stage MS?
- A) Simpler data interpretation
 - B) Higher sensitivity and specificity
 - C) Faster analysis time
 - D) Reduced need for sample preparation
7. What property of a pharmaceutical substance is studied using Differential Scanning Calorimetry (DSC)?
- A) Optical rotation
 - B) Crystalline structure
 - C) Thermal properties
 - D) Concentration
8. Which technique is used to determine the crystalline structure of pharmaceutical substances?
- A) Nuclear Magnetic Resonance (NMR)
 - B) Infrared Spectroscopy (IR)
 - C) X-ray Powder Diffraction (XRD)
 - D) Gas Chromatography (GC)



Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



Approved by: Pharmacy Council of India, New Delhi &

Affiliated to The Tamilnadu Dr. M.G.R Medical University, Chennai.

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944



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

9. Which parameter is NOT typically validated in an analytical method?

- A) Precision
- B) Accuracy
- C) Specificity
- D) Market value

10. What does robustness of an analytical method refer to?

- A) The method's ability to detect impurities
- B) The method's ability to maintain performance under varied conditions
- C) The method's cost-effectiveness
- D) The method's ease of use



**Dr. N. SENTHILKUMAR,
PRINCIPAL,**

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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



Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL

ADD ON COURSE – ANSWER KEY

ANSWER ALL THE QUESTION:

MULTIPLE CHOICE QUESTION

MARKS:20

1. What is the principle behind High-Performance Liquid Chromatography (HPLC)?
 - A) Separation based on particle size
 - B) Separation based on vapor pressure
 - C) Separation based on differential adsorption
 - D) Separation based on solubility
2. Which technique is best suited for the analysis of volatile compounds?
 - A) High-Performance Liquid Chromatography (HPLC)
 - B) Gas Chromatography (GC)
 - C) Thin-Layer Chromatography (TLC)
 - D) Capillary Electrophoresis (CE)
3. What information does Infrared Spectroscopy (IR) primarily provide?
 - A) Molecular weight
 - B) Functional groups
 - C) Atomic composition
 - D) Crystalline structure




Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944



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

4. How does Nuclear Magnetic Resonance (NMR) spectroscopy help in determining the structure of a molecule?
 - A) By measuring absorbance of UV light
 - B) By detecting the presence of specific metal ions
 - C) **By analyzing magnetic properties of nuclei**
 - D) By measuring the thermal transitions
5. What is the primary use of Mass Spectrometry (MS) in pharmaceutical chemistry?
 - A) Determining melting points
 - B) Measuring optical rotation
 - C) **Identifying molecular weight and structure**
 - D) Analyzing thermal stability
6. What advantage does Tandem Mass Spectrometry (MS/MS) offer over single-stage MS?
 - A) Simpler data interpretation
 - B) **Higher sensitivity and specificity**
 - C) Faster analysis time
 - D) Reduced need for sample preparation
7. What property of a pharmaceutical substance is studied using Differential Scanning Calorimetry (DSC)?
 - A) Optical rotation
 - B) Crystalline structure
 - C) **Thermal properties**
 - D) Concentration
8. Which technique is used to determine the crystalline structure of pharmaceutical substances?
 - A) Nuclear Magnetic Resonance (NMR)
 - B) Infrared Spectroscopy (IR)
 - C) **X-ray Powder Diffraction (XRD)**
 - D) Gas Chromatography (GC)



**Dr. N. SENTHILKUMAR,
PRINCIPAL,**

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944



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

9. Which parameter is NOT typically validated in an analytical method?

- A) Precision
- B) Accuracy
- C) Specificity
- D) **Market value**

10. What does robustness of an analytical method refer to?

- A) The method's ability to detect impurities
- B) **The method's ability to maintain performance under varied conditions**
- C) The method's cost-effectiveness
- D) The method's ease of use




Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S

ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



Approved by: Pharmacy Council of India, New Delhi &

Affiliated to The Tamilnadu Dr. M.G.R Medical University, Chennai.

Accredited by NAAC "A" Grade and ISO Certified

Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944



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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL

STUDENTS MARK STATEMENT

S.NO	REG.NO	NAME OF THE STUDENTS	COURSES	MARKS SCURED	% MARKS
1	380023507525	SHARMITHA S	I PHARM.D	16	88%
2	380023507526	SUDHARSHAN V	I PHARM.D	18	96%
3	380023507527	SWETHA M	I PHARM.D	16	88%
4	380021507506	HARINI M	III PHARM.D	17	92%
5	380021507507	HARSHINI REETHU S	III PHARM.D	18	96%
6	380021507508	HASAN MOHAMED K	III PHARM.D	16	88%
7	380021507509	JAGAN S	III PHARM.D	14	84%
8	380020507524	SHYLA I	IV PHARM.D	16	88%
9	380020507525	SRINITHI C G	IV PHARM.D	18	96%
10	381910417	MAHALAKSHMI M	V PHARM.D	ABSENT	
11	381810412	FELIC S	VI PHARM.D	18	96%
12	381810413	GNANAGURU C	VI PHARM.D	16	88%
13	381810414	GOPI B	VI PHARM.D	17	92%
14	381810415	KARTHIKA SREEKUMAR J	VI PHARM.D	16	88%
15	560023507531	JOTHIMURUGAN R	SEM-IB.PHARM	18	96%
16	560023507532	KABILAN S	SEM-I B.PHARM	17	92%
17	560023507533	ALAIYARASAN S	SEM-I B.PHARM	18	96%
18	560023507534	KARAGAM M	SEM-I B.PHARM	16	88%



Dr. N. SENTHILKUMAR,
Principal

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedi, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944



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

19	560023507535	KEERTHIKA D	SEM-I B.PHARM	14	84%
20	560022507514	BHARATHIKANNAN E	SEM-III B.PHARM	17	92%
21	560022507515	DEVI PRIYA M	SEM-III B.PHARM	18	96%
22	560022507516	DHANANJI V	SEM-III B.PHARM	16	88%
23	560022507517	DHANUSH S	SEM-III B.PHARM	17	92%
24	560022507518	DHARSHINI A	SEM-III B.PHARM	18	96%
25	560022507519	DIVYA C	SEM-III B.PHARM	20	100%
26	560022507577	SEKAR G	SEM-III B.PHARM	18	96%
27	560022507578	SHEIK ABDULLA M	SEM-III B.PHARM	17	92%
28	560022507579	SHOMESHWARAN P	SEM-III B.PHARM	16	88%
29	560022507580	SIVANI C	SEM-III B.PHARM	ABSENT	
30	560022507581	SRIRAM S	SEM-III B.PHARM	14	84%
31	560022507582	SUBAN M	SEM-III B.PHARM	17	92%
32	560021507510	BALAJI P	SEM-IVB.PHARM	18	96%
33	560021507511	BALAJI P L	SEM-IVB.PHARM	16	88%
34	560021507547	KAVISELVAN R	SEM-IVB.PHARM	17	92%
35	560021507548	KAVYASRI S	SEM-IVB.PHARM	18	96%
36	560021507549	KIRUTHIGA T	SEM-IVB.PHARM	17	92%
37	560021507550	KOWSIHA S	SEM-IVB.PHARM	17	92%
38	560021507551	MADHAN KUMAR G	SEM-IVB.PHARM	16	88%
39	560020507520	DHANUSH S	SEM-IVB.PHARM	14	84%
40	560020507521	DHAYANANTHAN V	SEM-IVB.PHARM	17	92%
41	560020507522	DINESH K	SEM-IVB.PHARM	16	88%
42	560020507523	DINESH M	SEM-IVB.PHARM	ABSENT	
43	560020507524	DINESHKUMAR P	SEM-IVB.PHARM	17	92%
44	261323507503	CHERAN N	SEM-I M.PHARM (P'ANALYSIS)	16	88%
45	261323507504	JAYAANAND R	SEM-I M.PHARM (P'ANALYSIS)	14	84%
46	261523507512	SOUNTHARYA C	SEM-I M.PHARM (P' PRACTICE)	18	96%
47	261523507513	SWETHA E R	SEM-I M.PHARM (P' PRACTICE)	17	92%
48	261523507514	TAMILELAKKIYA S	SEM-I M.PHARM (P' PRACTICE)	14	84%
49	261523507515	VINITHA S	SEM-I M.PHARM (P' PRACTICE)	ABSENT	
50	261723507501	GIFRRIN DONA E	SEM-I M.PHARM (P'COGNOSY)	18	96%
51	261723507502	GINI JAMEENA Y	SEM-I M.PHARM (P'COGNOSY)	17	92%
52	261823507514	ROHIT SUNDHAR S	SEM-I M.PHARM (REG. AFFAIRS)	16	88%
53	261823507514	SENHA A	SEM-I M.PHARM	18	96%



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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

54	261823507515	VIJAY A	SEM-I M.PHARM (REG.AFFAIRS)	17	92%
55	261522507504	MOHAMMED FA WAZ	SEM-III M.PHARM (REG.AFFAIRS)	17	92%
56	261522507505	MOHAMMED SALEEK A K	SEM-III M.PHARM (P' PRACTICE)	18	96%
57	261522507506	NAINA MOHAMMED V	SEM-III M.PHARM (P' PRACTICE)	18	96%
58	261522507507	SHAMEEM BABU M	SEM-III M.PHARM (P' PRACTICE)	18	96%
59	261822507501	ANBUDURAI S	SEM-III M.PHARM (REG.AFFAIRS)	17	92%

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,
NAMAKKAL DISTRICT, TAMILNADU.**

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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



Accredited by NAAC "A" Grade and ISO Certified

Ethirmedu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.
Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in
Contact No : +919789456750, +919943066944, +919943069944

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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL

STUDENT NAME: CHERAN.N

DATE: 06/01/2024

YEAR/ COURSE: SEM-I . M.PHARM (PHARMACEUTICAL ANALYSIS)

COURSE CODE: -

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 organisation 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 B) 2-5 C)6-10 D)11-14 E)15-16
2. What grade do you expect in this course?
A) BELOW 50% B) 50-60% C) 60-70% D) 70-80% E) ABOVE 80%




Dr. N.SENTHILKUMAR,
PRINCIPAL,

N. Cheran
SIGNATURE

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



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



Accredited by NAAC "A" Grade and ISO Certified

Ethirmedu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

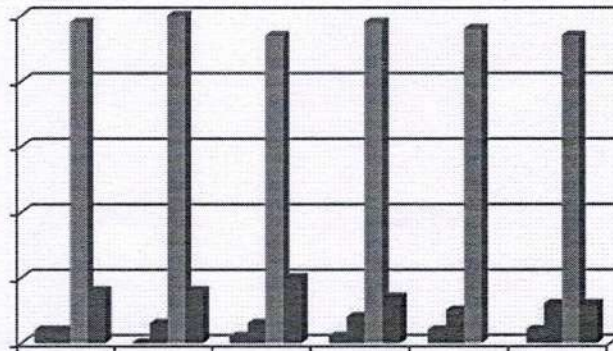
Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL

STUDENTS FEEDBACK ANALYSIS



■ Very good ■ Excellent
■ Satisfactory ■ Good



Dr. N. SENTHILKUMAR,
PRINCIPAL,

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

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



Approved by: Pharmacy Council of India, New Delhi &

Affiliated to The Tamilnadu Dr. M.G.R Medical University, Chennai.

Accredited by NAAC "A" Grade and ISO Certified

Ethirmedu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

ADD ON COURSE	ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY
DEPARTMENT	PHARMACEUTICAL CHEMISTRY
ACADEMIC YEAR	2023-2024
DATE	02.01.2024 to 06.01.2024
VENUE	SEMINAR HALL



The Presentation was given by Dr.K. Sumathi, Associate Professor, Dept of Pharmaceutical Chemistry on 02.01.2024.



Dr. N.SENTHILKUMAR,
PRINCIPAL,

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

The Presentation was given by Mr.V. Suresh Kannan, Associate Professor, and Dept of Pharmaceutical Analysis on 05.01.2024.



JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY

CERTIFICATE OF PARTICIPATION

This is to certify that MR./MS./MRS.

SHARMITHA S

Has appreciated for his/ her participation in Value Added Course-

ANALYTICAL TECHNIQUES IN PHARMACEUTICAL CHEMISTRY

Organized by the Department of Pharmaceutical Chemistry

on 02-01-2024 to 06-01-2024

COORDINATOR



CONVENOR

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