

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	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024-05.04.2024
VENUE	SEMINAR HALL

REPORT

No of Students Enrolled :59

No of Students Certified:56

No of students Absent:03

Objectives:

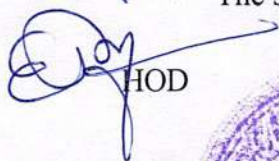
The objective of the course provides the knowledge on the product safety, product efficacy, product consistency of nutraceuticals, compliance regulatory standards and also ensure all nutraceuticals meet national and international Regulatory guidelines (e.g., FSSAI, FDA, EFSA) to avoid legal issues and product recalls.

Note:

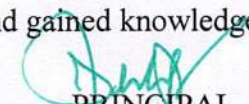
Certificate will be issued only for the students attending more than three days

Learning outcome:

- Understanding of regulatory frame works for product development and quality control.
- To assess the quality, potency, and purity of nutraceutical products.
- To ensure product safety and efficacy of nutraceutical products.
- Skills to maintain consistency in the quality, potency, and composition of nutraceutical products across different batches.
- To develop traceability systems for monitoring raw materials and final products.
- The students were actively participated in the recourses and gained knowledge.


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, INDIA.

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

REF.NO: JKKM/PH-COGNOSY /REQ/2024/001

Date: 08.03.2024

From

Department of Pharmacognosy,
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.

Subject: Requesting Permission to conduct Value added course (**Quality Control of Nutraceuticals**) – regarding.

Respected Sir,

With due respect, we request you to grant permission to conduct a Value-added course on **Quality Control of Nutraceuticals** during **01.04.2024 - 05.04.2024** in the Seminar Hall. It will be a very informative course for our students.

Kindly do the needful. We will be grateful to you sir.

Thank you

Yours sincerely,

Signature of HOD.



Dr. N.SENTHILKUMAR,
PRINCIPAL

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

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

Date: 11.03.2024

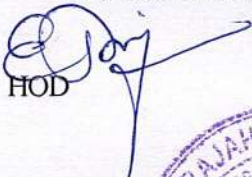
CIRCULAR

This is informed to the B. PHARM (I, III & VI), M. PHARM (I SEM) and PHARM.D (II) Students that the following value-added course can be conducted by the Department of Pharmacognosy, JKKMMRF's ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY and it will be commenced as per the schedule:

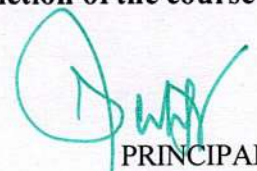
Course Name	Schedule	Duration	Venue
Quality Control of Nutraceuticals	01.04.2024 to 05.04.2024	36 HRS	Seminar Hall

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.


HOD




PRINCIPAL

Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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

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

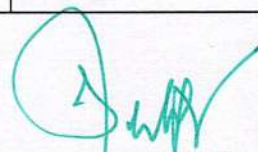
ADD ON COURSE	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL

SYLLABUS

DATE	TOPIC	TIME	DURATION	RESOURCE PERSONS
01.04.2024	Introduction	9.00 -10.30AM	1Hr &30mins	Mr.R. Vijay Amirthraj
		10.45-12.15PM	1Hr & 30mins	
	Global nutraceutical market	1.30-3.00PM	1Hr & 30mins	
		3.15-4.45PM	1Hr & 30mins	
02.04.2024	Nutraceuticals in various diseases	9.00 -10.30AM	1Hr & 30mins	
		10.45-12.15PM	1Hr & 30mins	
	Raw material testing	1.30-3.00PM	1Hr & 30mins	
		3.15-4.45PM	1Hr & 30mins	
03.04.2024	Bio-active botanical extracts	9.00 -10.30AM	1Hr & 30mins	Dr.P. Satheesh Kumar
		10.45-12.15PM	1Hr & 30mins	
	Purity assessments and the safety of plant extracts	1.30-3.00PM	1Hr & 30mins	
		3.15-4.45PM	1Hr & 30mins	
04.04.2024	Regulatory compliance	9.00 -10.30AM	1Hr & 30mins	
		10.45-12.15PM	1Hr & 30mins	
	Clinical data findings on nutraceuticals	1.30-3.00PM	1Hr & 30mins	
		3.15-4.45PM	1Hr & 30mins	
05.04.2024	Nutraceuticals as specialized medical products	9.00 -10.30AM	1Hr & 30mins	
		10.45-12.15PM	1Hr & 30mins	
	Ensuring product efficacy	1.30-3.00PM	1Hr & 30mins	
		3.15-4.45PM	1Hr & 30mins	


HOD




PRINCIPAL

Dr. N.SENTHILKUMAR,
PRINCIPAL

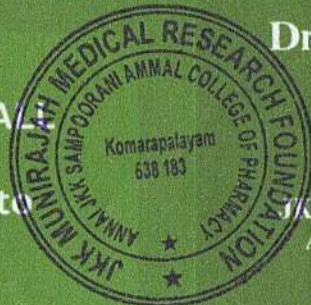
JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S
ANNAL JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY
ETHIRMEDU, KOMARAPALAYAM - 638 183,
NAMAKKAL DISTRICT, TAMILNADU, INDIA.

ABOUT US

Dr. JKK Munirajah founder Trustee founded Annai JKK Sampoorani Ammal Charitable Trust during 1971. He established many temples of learning to perpetuate the ever lasting memory his beloved mother. Presently the trust is run by Mrs. Vasantha Kumari Munirajah as Managing Trustee and his son Mr. J.K.M. Jayaprakash as Correspondent. Trust runs. Paramedical Institutions offering Diploma, Graduate, Post Graduate & Ph.D. Courses and Research in Pharmacy, Nursing, Physiotherapy, Occupational Therapy & Allied Health Science at Komarapalayam, Namakkal District and also running Agriculture, Engineering, College of Education, Polytechnic, Community Polytechnic and an Industrial Training Centre and one more Pharmacy College at T.N.Palayam, Erode District. Also, the trust runs Matriculation School, Higher Secondary School for differently abled, deaf and dumb & mentally ill, Rehabilitation center for differently able children at Komarapalayam. These educational institutions are temples of learning and have contributed much to facilitate remarkable social changes in our society. The trust has won many national and state awards. These renowned Educational Institutions spared education to promote knowledge, wisdom and service-orientation.

VENUE: SEMINAR HALL

DATE : 01.04.2024 to
05.04.2024



RESOURCE PERSON



Mr. R. VIJAY AMIRTHARAJ

**PROFESSOR & HEAD
DEPARTMENT OF
PHARMACEUTICAL ANALYSIS
JKKMMRF'S ANNAI JKK SAMPOORANI
AMMAL COLLEGE OF PHARMACY,
KOMARAPALAYAM**



Dr. P. SATHEESH KUMAR

**ASSOCIATE PROFESSOR
DEPARTMENT OF Dr. N. SENTHILKUMAR,
PHARMACOGNOSY. PRINCIPAL,
JKKMMRF'S ANNAI JKK SAMPOORANI
AMMAL COLLEGE OF PHARMACY,
KOMARAPALAYAM**



**JKKMMRF'S ANNAI JKK
SAMPOORANI AMMAL
COLLEGE OF PHARMACY.
KOMARAPALAYAM 638-183**



VALUE ADDED COURSE

**TOPIC:
QUALITY CONTROL OF
NUTRACEUTICALS**

ORGANIZED BY

**DEPARTMENT OF
PHARMACOGNOSY**

**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	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL

RESOURCE PERSON PROFILE



R. Vijay Amirthraj

Name : Mr.R. Vijay Amirthraj

Designation : Vice Principal, Professor and Head

Department : Pharmaceutical Analysis

Organization : JKK Munirajah Medical Research Foundation – Annai JKK Sampoorani

Ammal College of Pharmacy, Komarapalayam

Phone Number: 9488030128

Email Id : vrnakeshved1@gmail.com

Qualification : M. Pharm

Experience : 25 Years



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

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	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL

RESOURCE PERSON PROFILE



Pm

Name : Dr.P. Satheesh Kumar

Designation : Associate Professor

Department : Pharmacognosy

Organization: JKK Munirajah Medical Research Foundation – Annai JKK Sampoorani

Ammal College of Pharmacy, Komarapalayam

Phone Number :9976568635

Email Id : satheesh.phyto09@gmail.com

Qualification : M. Pharm., Ph.D.

Experience 15 Years



[Signature]

Dr. N.SENTHILKUMAR,
PRINCIPAL

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

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	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL

FOLLOWING FACULTY MEMBERS ORGANIZING VALUE ADDED COURSE PROGRAM

S.NO	NAME OF THE FACULTIES	DESIGNATION
1.	Mr.R. Vijay Amirthraj	Professor and Head
2.	Dr.P. Satheesh Kumar	Associate Professor
3.	Mr. V. Suresh Kannan	Assistant Professor




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

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

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	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL

STUDENTS ENROLLMENT

S.N O	Register No	Students Name	Year	Course	Signature
1	380022507525	SAKTHIPRIYA P	II	PHARM D	P. Sankar
2	380022507526	SUDESH G	II	PHARM D	G. Sudeh
3	560023507536	KIRUTHIKA R	SEM-I	B.PHARM	P. Kiruthika
4	560023507537	KISHORE K	SEM-I	B.PHARM	K. Kishor
5	560023507538	KISHORE N	SEM-I	B.PHARM	N. Kishor
6	560023507539	KISHORE P	SEM-I	B.PHARM	P. Kishor
7	560023507540	KUMARAN R	SEM-I	B.PHARM	R. Kumaran
8	560023507541	MEIYARASU R	SEM-I	B.PHARM	R. Meiyarasu
9	560023507542	MOHAMMED SHIEKH AFEEF Y	SEM-I	B.PHARM	Mohammed
10	560023507551	NARESH D	SEM-I	B.PHARM	N. Naresh
11	560023507552	NARMATHA P	SEM-I	B.PHARM	N. Narmatha
12	560023507553	NAVEEN KUMAR S	SEM-I	B.PHARM	S. Naveen
13	560023507554	NAVEEN V	SEM-I	B.PHARM	V. Naveen
14	560023507555	NAVIN V	SEM-I	B.PHARM	V. Navin
15	560023507556	NIMITHA PANDI T	SEM-I	B.PHARM	T. Nimitha
16	560023507557	PONMANI E	SEM-I	B.PHARM	E. Ponmani
17	560023507566	PRIYARANCHAN S	SEM-I	B.PHARM	S. Priyaranchan
18	560023507567	RAJKUMAR A	SEM-I	B.PHARM	A. Rajkumar
19	560023507568	RANJITH D	SEM-I	B.PHARM	D. Ranjith



Dr. N. SENTHILKUMAR,

PRINCIPAL

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

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

20	560023507569	RIYAS AHAMATH M	SEM-I	B.PHARM	
21	560023507570	SANDHIYA M	SEM-I	B.PHARM	M. Sandhya
22	560023507571	SANTHOSH S	SEM-I	B.PHARM	S. Santhosh
23	560023507572	SARVESHWARAN M	SEM-I	B.PHARM	M. Sarveswaran
24	560023507592	THIRISHA K G	SEM-I	B.PHARM	Thirisha
25	560023507593	THIRUCHSELVAN V	SEM-I	B.PHARM	V. Thiruchselvan
26	560023507594	THULASITHARA N SELVAN	SEM-I	B.PHARM	Thulasitharan
27	560023507595	VASANDA MALINI S	SEM-I	B.PHARM	S. Vasanda
28	560022507541	MANOJKUMAR G	SEM-III	B.PHARM	G. Manojkumar
29	560022507542	MANOJKUMAR VELU	SEM-III	B.PHARM	V. Manojkumar
30	560022507543	MONISHWARAN S	SEM-III	B.PHARM	S. Monishwaran
31	560022507544	MOUNIKASRI E	SEM-III	B.PHARM	E. Mounikasri
32	560022507545	NALLAMUTHU N	SEM-III	B.PHARM	N. Nallamuthu
33	560022507546	NAVEEN KUMAR K	SEM-III	B.PHARM	K. Naveen Kumar
34	560022507547	NAVEEN KUMAR S	SEM-III	B.PHARM	S. Naveen Kumar
35	560022507548	NAVEEN RAJAN S	SEM-III	B.PHARM	S. Naveen Rajan
36	560022507557	PRITHA R	SEM-III	B.PHARM	R. Pritha
37	560022507558	PRITHIKA M	SEM-III	B.PHARM	M. Prithika
38	560022507559	PRIYADHARSHINI S	SEM-III	B.PHARM	S. Priyadharsini
39	560022507560	RAGAPRIYA R	SEM-III	B.PHARM	R. Ragapriya
40	560022507561	RAHUL R	SEM-III	B.PHARM	R. Rahul
41	560022507562	RAJESH N	SEM-III	B.PHARM	N. Rajesh
42	560022507563	RAMESH V	SEM-III	B.PHARM	V. Ramesh
43	560022507564	RANJITHKUMAR M	SEM-III	B.PHARM	M. Ranjithkumar
44	560022507565	RASIKA R S	SEM-III	B.PHARM	S. Rasika
45	560022507566	RITHIKA S	SEM-III	B.PHARM	S. Rithika



Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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

Ethirnedu, 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**

46	560022507567	SACHIN G	SEM-III	B.PHARM	G. Sachin
47	560022507568	SADAKHATH W	SEM-III	B.PHARM	W. Sadak
48	560022507569	SANJAY KUMAR S	SEM-III	B.PHARM	S. Sanjay
49	560022507570	SANJAY M	SEM-III	B.PHARM	Sanjay M.
50	560022507575	SARIGASRI K	SEM-III	B.PHARM	Sarigassri K.
51	560022507576	SATHISH A	SEM-III	B.PHARM	A. Sathish
52	560022507583	SUBASH K	SEM-III	B.PHARM	K. Subash
53	560022507584	SUJITH S	SEM-III	B.PHARM	S. Sujith
54	560022507585	SUNDARRAJ T	SEM-III	B.PHARM	T. Sundarraj
55	560022507586	SURESH C	SEM-III	B.PHARM	C. Suresh
56	560020507519	DHANASEKAR U	SEM-VI	B.PHARM	U. Dhana
57	261322507504	SUBASH.V	SEM-III	M.PHARM (PHARMACEUTICAL ANALYSIS)	V. Subash
58	261322507505	VAHITH E	SEM-III	M.PHARM (PHARMACEUTICAL ANALYSIS)	E. Vahith
59	261723507503	PINCY MOL F	SEM-I	M.PHARM (PHARMACOGNOSY)	F. Pincy

HOD



PRINCIPAL

**Dr. N. SENTHILKUMAR,
Principal**

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

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	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL

STUDENTS ATTENDANCE

S.NO	Register No	Students Name	01.04.2024	02.04.2024	03.04.2024	04.04.2024	05.04.2024
1	380022507525	SAKTHIPRIYA P	/	/	/	/	/
2	380022507526	SUDESH G	/	/	/	/	/
3	560023507536	KIRUTHIKA R	/	/	/	/	/
4	560023507537	KISHORE K	/	/	/	/	/
5	560023507538	KISHORE N	/	/	/	/	/
6	560023507539	KISHORE P	/	/	/	/	/
7	560023507540	KUMARAN R	/	/	/	/	/
8	560023507541	MEIYARASU R	/	/	/	/	/
9	560023507542	MOHAMMED SHIEKH AFEEF Y	/	/	/	/	/
10	560023507551	NARESH D	AB	/	AB	AB	AB
11	560023507552	NARMATHA P	/	/	/	/	/
12	560023507553	NAVEEN KUMAR S	/	/	/	/	/
13	560023507554	NAVEEN V	/	/	/	/	/
14	560023507555	NAVIN V	/	/	/	/	/
15	560023507556	NIMITHA PANDI T	/	/	/	/	/
16	560023507557	PONMANI E	/	/	/	/	/
17	560023507566	PRIYARANCHAN S	/	/	/	/	/
18	560023507567	RAJKUMAR A	/	/	/	/	/



Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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

19	560023507568	RANJITH D	/	/	/	/	/
20	560023507569	RIYAS AHAMATH M	AB	AB	AB	/	AB
21	560023507570	SANDHIYA M	/	/	/	/	/
22	560023507571	SANTHOSH S	/	/	/	/	/
23	560023507572	SARVESHWARAN M	/	/	/	/	/
24	560023507592	THIRISHA K G	/	/	/	/	/
25	560023507593	THIRUCHSELVAN V	/	/	/	/	/
26	560023507594	THULASITHARA N SELVAN	/	/	/	/	/
27	560023507595	VASANDA MALINI S	/	/	/	/	/
28	560022507541	MANOJKUMAR G	/	/	/	/	/
29	560022507542	MANOJKUMAR VELU	/	/	/	/	/
30	560022507543	MONISHWARAN S	/	AB	AB	AB	AB
31	560022507544	MOUNIKASRI E	/	/	/	/	/
32	560022507545	NALLAMUTHU N	/	/	/	/	/
33	560022507546	NAVEEN KUMAR K	/	/	/	/	/
34	560022507547	NAVEEN KUMAR S	/	/	/	/	/
35	560022507548	NAVEEN RAJAN S	/	/	/	/	/
36	560022507557	PRITHA R	/	/	/	/	/
37	560022507558	PRITHIKA M	/	/	/	/	/
38	560022507559	PRIYADHARSHINI S	/	/	/	/	/
39	560022507560	RAGAPRIYA R	/	/	/	/	/
40	560022507561	RAHUL R	/	/	/	/	/
41	560022507562	RAJESH N	/	/	/	/	/
42	560022507563	RAMESH V	/	/	/	/	/
43	560022507564	RANJITHKUMAR M	/	/	/	/	/



Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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

44	560022507565	RASIKA R S	/	/	/	/	/
45	560022507566	RITHIKA S	/	/	/	/	/
46	560022507567	SACHIN G	/	/	/	/	/
47	560022507568	SADAKHATH W	/	/	/	/	/
48	560022507569	SANJAY KUMAR S	/	/	/	/	/
49	560022507570	SANJAY M	/	/	/	/	/
50	560022507575	SARIGASRI K	/	/	/	/	/
51	560022507576	SATHISH A	/	/	/	/	/
52	560022507583	SUBASH K	/	/	/	/	/
53	560022507584	SUJITH S	/	/	/	/	/
54	560022507585	SUNDARRAJ T	/	/	/	/	/
55	560022507586	SURESH C	/	/	/	/	/
56	560020507519	DHANASEKAR U	/	/	/	/	/
57	261322507504	SUBASH.V	/	/	/	/	/
58	261322507505	VAHITH E	/	/	/	/	/
59	261723507503	PINCY MOL F	/	/	/	/	/



Dr. N.SENTHILKUMAR,
PRINCIPAL

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

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 TITLE	QUALITY CONTROL OF NUTRACEUTICALS	
NAME OF THE STUDENT	PRITHIKA.M	
DATE	05.04.2024	
REGISTER NO	560022507558	
COURSE/ YEAR/ SEM	B.PHARM III-SEM	MARKS OBTAINED: 19
SIGNATURE:	STUDENT: Prithika.M	STAFF: 18

MULTIPLE CHOICE QUESTIONS

QUESTION AND ANSWER

I. CHOOSE THE CORRECT ANSWER:

- 1) Which region is currently the largest market for nutraceutical products?
A) Asia-Pacific
B) North America
C) Europe
D) Latin America
- 2) Which of the following is NOT typically classified as a nutraceutical?
A) Omega-3 fatty acids supplements
B) Probiotic yogurt
C) Antibiotics
D) Fortified cereals
- 3) Which nutraceutical is commonly used to support cardiovascular health?
A) Vitamin C
B) Omega-3 fatty acids
C) Calcium
D) Probiotics
- 4) Which nutraceutical is considered beneficial for managing diabetes by regulating blood sugar levels?
A) Echinacea
B) Chromium
C) Glucosamine
D) Coenzyme



Dr. N. SENTHILKUMAR,
Principal

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

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

- 5) Which of the following is NOT a typical parameter tested during raw material testing?
- A) Potency
 - B) Stability
 - ☒ C) Aroma
 - D) Purity
- 6) Why is identity testing important during raw material testing?
- ☒ A) To confirm that the raw material matches the labeled ingredient
 - B) To check for microbial contamination
 - C) To test the stability of the final product
 - D) To enhance the flavor of the raw material
- 7) Which bio-active botanical extract is widely used for its anti-inflammatory and antioxidant effects, particularly in joint health?
- ☒ A) Echinacea
 - B) Turmeric (Curcumin)
 - C) Ginkgo biloba
 - D) Aloe vera
- 8) Which bio-active botanical extract is commonly used for its immune-boosting properties and is often taken during cold and flu season?
- ☒ A) Echinacea
 - B) Peppermint
 - C) Lavender
 - D) Ginger
- 9) What is the primary purpose of regulatory compliance in the nutraceutical industry?
- A) To increase profit margins
 - ☒ B) To ensure the safety, quality, and efficacy of products
 - C) To enhance marketing strategies
 - D) To reduce production costs
- 10) What is the main function of Good Manufacturing Practices (GMP) in the nutraceutical industry?
- A) To reduce production time
 - B) To improve marketing strategies
 - ☒ C) To ensure products are consistently produced and controlled according to quality standards
 - D) To increase the variety of products offered



Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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

11) Which document is essential for demonstrating regulatory compliance for new nutraceutical products in many countries?

- A) Marketing Plan
- B) Certificate of Analysis
- ☒ C) Product Registration Application
- D) Consumer Feedback Report

12) What is the primary purpose of conducting clinical trials for nutraceuticals?

- A) To promote sales
- ☒ B) To obtain regulatory approval and demonstrate efficacy and safety
- C) To enhance marketing strategies
- D) To create consumer demand

13) Which clinical finding is associated with the use of probiotics?

- A) Increased anxiety levels
- ☒ B) Improved gut health and digestion
- C) Decreased energy levels
- D) Heightened sensitivity to allergens

14) Which nutrient is often studied for its potential effects on cognitive function and memory?

- A) Calcium
- B) Vitamin C
- ☒ C) Omega-3 fatty acids
- D) Fiber

15) Which of the following is a common clinical application of curcumin?

- A) Treating skin infections
- ☒ B) Reducing inflammation and pain
- C) Enhancing hair growth
- D) Improving vision

16) What is the primary purpose of using specialized medical nutraceuticals?

- A) To enhance the taste of food
- B) To provide additional calories
- ☒ C) To manage specific health conditions or support therapeutic treatments
- D) To replace a balanced diet




Dr. N. SENTHILKUMAR,
PRINCIPAL

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY
ETHIRMEDU, KOMARAPALAYAM - 638183,
NAMAKKAL DISTRICT, TAMILNADU, INDIA.

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

17) Which of the following is a common concern regarding specialized medical nutraceuticals?

- A) They are always effective.
- B) They are not subject to regulation.
- ☒ C) They can interact with prescription medications.
- D) They have no side effects.

18) Which factor is crucial when designing a study to evaluate the efficacy of a nutraceutical?

- A) The cost of the nutraceutical
- B) The duration of the study
- ☒ C) The sample size and population characteristics
- D) The marketing strategy

19) Which regulatory body often requires evidence of efficacy for nutraceutical products before they can be marketed?

- A) Environmental Protection Agency (EPA)
- B) National Institutes of Health (NIH)
- ☒ C) Food and Drug Administration (FDA)
- D) Centers for Disease Control and Prevention (CDC)

20) Which of the following is a common testing method used to assess the potency of a nutraceutical?

- A) Organoleptic testing
- ☒ B) Spectrophotometry
- C) Market analysis
- D) Consumer surveys



Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL

MULTIPLE CHOICE QUESTIONS

QUESTION AND ANSWER

DATE:05.04.2024

1) Which region is currently the largest market for nutraceutical products?

- A) Asia-Pacific
- B) North America**
- C) Europe
- D) Latin America

2) Which of the following is NOT typically classified as a nutraceutical?

- A) Omega-3 fatty acids supplements
- B) Probiotic yogurt
- C) Antibiotics**
- D) Fortified cereals

3) Which nutraceutical is commonly used to support cardiovascular health?

- A) Vitamin C
- B) Omega-3 fatty acids**
- C) Calcium
- D) Probiotics

4) Which nutraceutical is considered beneficial for managing diabetes by regulating blood sugar levels?

- A) Echinacea
- B) Chromium**
- C) Glucosamine
- D) Coenzyme



Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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

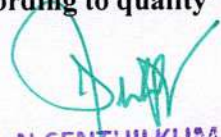
Contact No : +919789456750, +919943066944, +919943069944



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

- 5) Which of the following is NOT a typical parameter tested during raw material testing?
- A) Potency
 - B) Stability
 - C) **Aroma**
 - D) Purity
- 6) Why is identity testing important during raw material testing?
- A) **To confirm that the raw material matches the labeled ingredient**
 - B) To check for microbial contamination
 - C) To test the stability of the final product
 - D) To enhance the flavor of the raw material
- 7) Which bio-active botanical extract is widely used for its anti-inflammatory and antioxidant effects, particularly in joint health?
- A) Echinacea
 - B) **Turmeric (Curcumin)**
 - C) Ginkgo biloba
 - D) Aloe vera
- 8) Which bio-active botanical extract is commonly used for its immune-boosting properties and is often taken during cold and flu season?
- A) **Echinacea**
 - B) Peppermint
 - C) Lavender
 - D) Ginger
- 9) What is the primary purpose of regulatory compliance in the nutraceutical industry?
- A) To increase profit margins
 - B) **To ensure the safety, quality, and efficacy of products**
 - C) To enhance marketing strategies
 - D) To reduce production costs
- 10) What is the main function of Good Manufacturing Practices (GMP) in the nutraceutical industry?
- A) To reduce production time
 - B) To improve marketing strategies
 - C) **To ensure products are consistently produced and controlled according to quality standards**
 - D) To increase the variety of products offered




Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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

11) Which document is essential for demonstrating regulatory compliance for new nutraceutical products in many countries?

- A) Marketing Plan
- B) Certificate of Analysis
- C) Product Registration Application**
- D) Consumer Feedback Report

12) What is the primary purpose of conducting clinical trials for nutraceuticals?

- A) To promote sales
- B) To obtain regulatory approval and demonstrate efficacy and safety**
- C) To enhance marketing strategies
- D) To create consumer demand

13) Which clinical finding is associated with the use of probiotics?

- A) Increased anxiety levels
- B) Improved gut health and digestion**
- C) Decreased energy levels
- D) Heightened sensitivity to allergens

14) Which nutrient is often studied for its potential effects on cognitive function and memory?

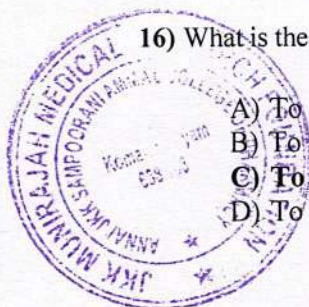
- A) Calcium
- B) Vitamin C
- C) Omega-3 fatty acids**
- D) Fiber


15) Which of the following is a common clinical application of curcumin?

- A) Treating skin infections
- B) Reducing inflammation and pain**
- C) Enhancing hair growth
- D) Improving vision

16) What is the primary purpose of using specialized medical nutraceuticals?

- A) To enhance the taste of food
- B) To provide additional calories
- C) To manage specific health conditions or support therapeutic treatments**
- D) To replace a balanced diet




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

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

17) Which of the following is a common concern regarding specialized medical nutraceuticals?

- A) They are always effective.
- B) They are not subject to regulation.
- C) **They can interact with prescription medications.**
- D) They have no side effects.

18) Which factor is crucial when designing a study to evaluate the efficacy of a nutraceutical?

- A) The cost of the nutraceutical
- B) The duration of the study
- C) **The sample size and population characteristics**
- D) The marketing strategy

19) Which regulatory body often requires evidence of efficacy for nutraceutical products before they can be marketed?

- A) Environmental Protection Agency (EPA)
- B) National Institutes of Health (NIH)
- C) **Food and Drug Administration (FDA)**
- D) Centers for Disease Control and Prevention (CDC)

20) Which of the following is a common testing method used to assess the potency of a nutraceutical?

- A) Organoleptic testing
- B) **Spectrophotometry**
- C) Market analysis
- D) Consumer surveys




Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL

STUDENTS MARK STATEMENT

S.NO	Register No	Students Name	Mark	Percentage
1	380022507525	SAKTHIPRIYA P	20	100%
2	380022507526	SUDESH G	19	99%
3	560023507536	KIRUTHIKA R	18	98%
4	560023507537	KISHORE K	18	98%
5	560023507538	KISHORE N	19	99%
6	560023507539	KISHORE P	19	99%
7	560023507540	KUMARAN R	20	100%
8	560023507541	MEIYARASU R	19	99%
9	560023507542	MOHAMMED SHIEKH AFEEF Y	20	100%
10	560023507551	NARESH D	AB	AB
11	560023507552	NARMATHA P	19	99%
12	560023507553	NAVEEN KUMAR S	19	99%
13	560023507554	NAVEEN V	19	99%
14	560023507555	NAVIN V	19	99%
15	560023507556	NIMITHA PANDI T	20	100%
16	560023507557	PONMANI E	18	98%
17	560023507566	PRIYARANCHAN S	18	98%



Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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

18	560023507567	RAJKUMAR A	18	98%
19	560023507568	RANJITH D	19	99%
20	560023507569	RIYAS AHAMATH M	AB	AB
21	560023507570	SANDHIYA M	20	100%
22	560023507571	SANTHOSH S	20	100%
23	560023507572	SARVESHWARAN M	19	99%
24	560023507592	THIRISHA K G	18	98%
25	560023507593	THIRUCHSELVAN V	18	98%
26	560023507594	THULASITHARAN SELVAN	19	99%
27	560023507595	VASANDA MALINI S	18	98%
28	560022507541	MANOJKUMAR G	19	99%
29	560022507542	MANOJKUMAR VELU	20	100%
30	560022507543	MONISHWARAN S	AB	AB
31	560022507544	MOUNIKASRI E	19	99%
32	560022507545	NALLAMUTHU N	19	99%
33	560022507546	NAVEEN KUMAR K	19	99%
34	560022507547	NAVEEN KUMAR S	20	100%
35	560022507548	NAVEEN RAJAN S	20	100%
36	560022507557	PRITHA R	19	99%
37	560022507558	PRITHIKA M	19	99%
38	560022507559	PRIYADHARSHINI S	18	98%
39	560022507560	RAGAPRIYA R	18	98%
40	560022507561	RAHUL R	18	98%
41	560022507562	RAJESH N	19	99%
42	560022507563	RAMESH V	19	99%

(Signature)

Dr. N. SENTHILKUMAR,
PRINCIPAL

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



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.

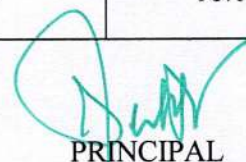
Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

Contact No : +919789456750, +919943066944, +919943069944

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

43	560022507564	RANJITHKUMAR M	20	100%
44	560022507565	RASIKA R S	20	100%
45	560022507566	RITHIKA S	19	99%
46	560022507567	SACHIN G	19	99%
47	560022507568	SADAKHATH W	18	98%
48	560022507569	SANJAY KUMAR S	19	99%
49	560022507570	SANJAY M	20	100%
50	560022507575	SARIGASRI K	20	100%
51	560022507576	SATHISH A	19	99%
52	560022507583	SUBASH K	20	100%
53	560022507584	SUJITH S	19	99%
54	560022507585	SUNDARRAJ T	19	99%
55	560022507586	SURESH C	18	98%
56	560020507519	DHANASEKAR U	19	99%
57	261322507504	SUBASH.V	20	100%
58	261322507505	VAHITH E	19	99%
59	261723507503	PINCY MOL F	18	98%


HOD


PRINCIPAL



Dr. N.SENTHILKUMAR
PRINCIPAL
JKK MUNIRAJAH MEDICAL RESEARCH
ANNAI JKK SAMPOORANI AMMAL COLLEGE
ETHIRMEDU, KOMARAPALAYAM
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	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL

FEEDBACKFORM

NAME OF THE STUDENT: PRITHIKA.M REGISTER NO: 560022507558

COURSE: B. PHARM II-YEAR (II-SEM. DATE: 5.4.24

TOPIC: QUALITY CONTROL OF NUTRACEUTICALS EMAIL:

CONTACT NO:

S.no	Description	Satisfactory	Good	Very good	Excellent
1.	Usefulness of the information provided			✓	
2.	Design of the session? (Organization, format, pacing)			✓	
3.	Presentation of information				✓
4.	Overall quality of the session			✓	
5.	Clarity in delivering concepts				✓
6.	Interaction				✓



Dr. N. SENTHILKUMAR
PRINCIPAL

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

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.

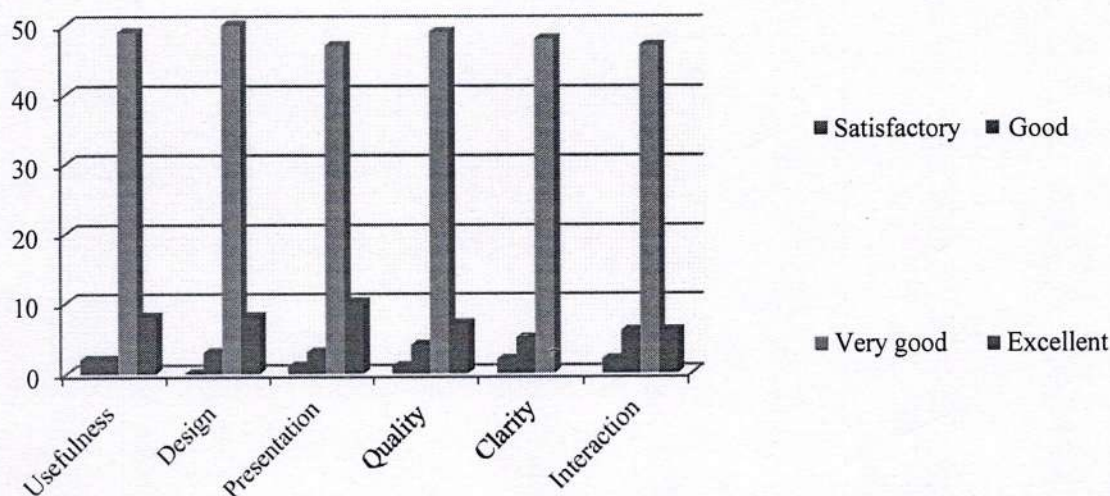
Website: www.jkkmmrfpharmacy.edu.in / e.mail : principal@jkkmmrfpharmacy.edu.in

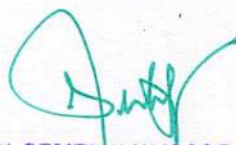
Contact No : +919789456750, +919943066944, +919943069944

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

STUDENTS FEEDBACK ANALYSIS

ADD ON COURSE	Quality Control of Nutraceuticals
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2024-2025
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL




Dr. N. SENTHILKUMAR,
PRINCIPAL

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

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

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	QUALITY CONTROL OF NUTRACEUTICALS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2023-2024
DATE	01.04.2024 - 05.04.2024
VENUE	SEMINAR HALL



The presentation was given by Mr.R.Vijay Amirthraj Professor, Dept of Pharmaceutical Analysis on 03.04.2024



The presentation was given by Dr.P.Satheesh Kumar, Associate Professor of
Pharmacognosy on 04.04.2024



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



JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL
COLLEGE OF PHARMACY.
ETHIRMEDU, KOMARAPALAYAM 638183



VALUE ADDED COURSE

DEPARTMENT OF PHARMACOGNOSY

QUALITY CONTROL OF NUTRACEUTICALS

CERTIFICATE OF PARTICIPATION

This certify that Mr./ [✓]Ms./ Mrs./ Dr. _____ PRITHIKA.M _____ has
participated in value added course on Quality control of Nutraceuticals held on
01.04.2024 to 05.04.2024.



Organizing Secretary



Convenor

Dr. N.SENTHIL KUMAR,
PRINCIPAL

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