



**J.K.K.MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S  
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY**

Ethirmedu, B.Komarapalayam – 638 183, Namakkal Dist. Tamilnadu, India  
Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr. M.G.R Medical University, Chennai.  
Website : [www.jkkmmrfpharmacy.edu.in](http://www.jkkmmrfpharmacy.edu.in) | E-Mail : [principal@jkkmmrfpharmacy.edu.in](mailto:principal@jkkmmrfpharmacy.edu.in)  
Contact No. : +919789456750, +919943069944, +919943066944

**Seminar on  
Functional foods and Nutraceuticals  
RESOURCE PERSONS**

Dr. V.R. Ravikumar, M.PHARM.PH.D

The Erode College of Pharmacy, Erode.

Dr. P. Satheesh Kumar, M.PHARM.PH.D

JKKMMRF College of Pharmacy, Komarapalayam.

**No. of students enrolled: 340**

**No. of students certified: 340**

**No. of students certified in our institution :34**

On Oct.30.2018, and Oct.31.2018, the Department of Pharmacognosy at JKKMMRF's Sampoorni Ammal College of Pharmacy held a seminar on – functional foods and nutraceuticals

in the Seminar hall. The seminar was attended by 340 students and was certified by the college.

The seminar began with an introduction Functional foods and nutraceuticals and its importance in research studies. The speaker discussed a conceptual framework for developing new strategies and new scientific perspectives which may improve future global food and health care product accessibility and assure beneficial outcomes.

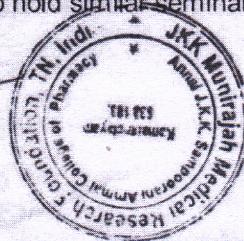
The speaker also the hyphenated chromatographic and spectroscopic procedures to quantitatively analyze single and multicomponent plant mixtures.

The students participated actively in the seminar, asking questions and engaging in discussions and received feedback from the speaker.

Overall, the seminar was well-received by the students and provided them with valuable knowledge and skills in enforcement of IP rights. The Department of Pharmacognosy at JKKMMRF's Sampoorni Ammal College of Pharmacy is committed to providing high-quality education and training to its students and plans to hold similar seminars in the future

PROGRAMME  
CO-ORDINATOR

HOD



PRINCIPAL

Dr. N. SENTHIKUMAR,  
PRINCIPAL

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

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





**J.K.K.MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S  
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY**

Ethirmedu. **B.Komarapalayam** – 638 183, Namakkal Dist. Tamilnadu. India  
Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai.  
Website : [www.jkkmmrfpharmacy.edu.in](http://www.jkkmmrfpharmacy.edu.in) | E-Mail : [principal@jkkmmrfpharmacy.edu.in](mailto:principal@jkkmmrfpharmacy.edu.in)  
Contact No. : +919789456750, +919943069944, +919943066944

REF.NO: JKKM/PH-COGNOSY /REQ/2020/006

Date: 24.10.2018

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..


Respected Sir,

Subject: Requesting Permission to conduct Seminar -regarding.

With due respect, we humbly request you to grand permission to conduct a Seminar in the Seminar Hall during **30/10/2018-31/10/2018** on **Functional foods and Nutraceuticals**. 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,



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





**J.K.K.MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S  
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY**

Ethirmedu, B.Komarapalayam – 638 183, Namakkal Dist. Tamilnadu. India  
Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai.  
Website : [www.jkkmmrfpharmacy.edu.in](http://www.jkkmmrfpharmacy.edu.in) | E-Mail : [principal@jkkmmrfpharmacy.edu.in](mailto:principal@jkkmmrfpharmacy.edu.in)  
Contact No. : +919789456750, +919943069944, +919943066944

**DEPARTMENT OF PHARMACOGNOSY**

**2018-2019**

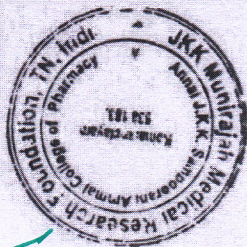
**CIRCULAR**

This is inform to the Students that the following Seminar program 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	Venue	Resource Person
Seminar on Functional foods and Nutraceuticals	30/10/2018 TO 31/10/2018	SEMINAR HALL	Dr. V.R. Ravikumar & Dr. P. Satheesh Kumar

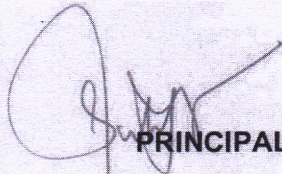
All the above mentioned students must enrol and actively participate in the course without fail.

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



  
**Dr. N.SENTHILKUMAR,  
PRINCIPAL**

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

  
**PRINCIPAL**

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





**JKKMMRF'S ANNAI JKK SAMPOORANI  
AMMAL COLLEGE OF PHARMACY**

Ethirmedu, B.Komarapalayam-6308183, Namakkal Dt., Tamilnadu, India.



**Seminar on  
Functional foods and Nutraceuticals**

Organised by

*Department of Pharmacology*

**RESOURCE PERSONS**



**Dr.V.R.RAVIKKUMAR**  
Professor & Head  
The Erode College of Pharmacy

**Dr. P.SATHEESH KUMAR.**  
Associate Professor  
JKKMMRF College of Pharmacy



**Venue : JKKM Seminar Hall**

**Date: 30/10/2018 to 31/10/2018**

Organising Secretary

**Dr.E.Thilogam**

Professor & Head

Convenor

**Dr.N.Senthil Kumar**

Principal



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

**JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION  
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY**

**ETHIRMEDU, KOMARAPALAYAM - 630 183.**

**NAMAKKAL DISTRICT, TAMILNADU**





# J.K.K.MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAL JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY

Ethirmedu, B.Komarapalayam – 638 183, Namakkal Dist. Tamilnadu. India  
Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai.  
Website : [www.jkkmmrfpharmacy.edu.in](http://www.jkkmmrfpharmacy.edu.in) | E-Mail : [principal@jkkmmrfpharmacy.edu.in](mailto:principal@jkkmmrfpharmacy.edu.in)  
Contact No. : +919789456750, +919943069944, +919943066944

## DEPARTMENT OF PHARMACOGNOSY

### ABOUT THE COURSE

Food habits develop in early infancy. In fact, it is known that initial phases of life (intra-uterine period and the first year of life) are sensitive to nutritional factors. Exclusive breastfeeding up to six months, with breastfeeding lasting up to two years or longer in combination with the introduction of balanced complementary feeding (CF), are emphasized by the World Health Organization (WHO) as important measures of public health, with effective impact on the reduction in the risk of developing chronic diseases. It is now known that children after the age of two years should be fed a nutritionally balanced diet similar to that of adults, particularly a diet low in sugar, salt and fat, and rich in complex carbohydrates, fruits and vegetables. Development of food habits is a complex process that may be influenced by such factors as region, religion, family structure and habits, income, prices, stress levels and technological advancements. Several epidemiologic studies over the last 50 years have clearly shown that diets dominated by fruits, vegetables and dietary fibers (plant based foods) prevent and reduce the risk of chronic diseases (e.g. cardiovascular diseases, obesity, diabetes) and promote sound human health. The generation of scientific research linking foods of plant origin and health worldwide has resulted in acknowledgement that plant bioactive compounds have anti-oxidant and other healthy properties.

Thus, nutraceuticals differ from dietary supplements in the following aspects: (1) nutraceuticals must not only supplement the diet but should also aid in the prevention and/or treatment of disease and/or disorder; and (2) nutraceuticals are used as conventional foods or as sole items of a meal or diet. Dietary components play beneficial roles beyond basic nutrition, leading to the development of the functional food concept and nutraceuticals. A functional food for one consumer can act as a nutraceutical for another consumer. Examples of nutraceuticals include fortified dairy products (e.g., milk) and citrus fruits (e.g., orange juice) .

Overall, nutraceuticals/functional foods/food supplements (broadly including probiotics, prebiotics, synbioites, phytochemicals etc.), especially the need for consuming appropriate diets, health issues surrounding failure to adhere to the known healthy eating models, development of new nutraceuticals/functional foods/food supplements with novel health benefits, elucidation mechanisms of action of these products, development of study systems such as in-vitro co-culture cell models.



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

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





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

Ethirmedu. **B.Komarapalayam** – 638 183, Namakkal Dist. Tamilnadu. India  
Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai.  
Website : [www.jkkmmrfpharmacy.edu.in](http://www.jkkmmrfpharmacy.edu.in) | E-Mail : [principal@jkkmmrfpharmacy.edu.in](mailto:principal@jkkmmrfpharmacy.edu.in)  
Contact No. : +919789456750, +919943069944, +919943066944

## Functional foods and Nutraceuticals

### STUDENT FEEDBACK FORM

NAME OF STUDENT: \_\_\_\_\_  
COURSE : \_\_\_\_\_  
SEMINAR TOPIC : \_\_\_\_\_

REGISTRATION NO: \_\_\_\_\_  
YEAR & SEMESTER: \_\_\_\_\_  
DATE & TIME: \_\_\_\_\_

1. Overall, how satisfied were you with this seminar?
  - Very satisfied
  - Satisfied
  - Neutral
  - Dissatisfied
  - Very dissatisfied
2. How clear were the ideas and concepts we presented?
  - Extremely clear
  - Very clear
  - Moderately clear
  - Not very clear
  - Not at all clear
3. What percentage of the information was new to you?
  - 100%
  - 75%
  - 50%
  - 25%
  - 0%
4. How informative did you find our seminar?
  - Extremely Informative
  - Very Informative
  - Moderately Informative
  - Not very informative
  - Not informative at all



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

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



5. Were there any technical issues that prevented you from seeing or hearing the seminar?

Yes

No

6. Would you like to learn more about this topic?

Yes

No

7. Rate the content of the slides/virtual aid?

Extremely clear

Very clear

Moderately clear

Not very clear

Not at all clear

8. How accurate was the session description?

Extremely clear

Very clear

Moderately clear

Not very clear

Not at all clear

9. How did the session compare to your expectations?

Excellent

Good

Fair

Poor

Not at all clear

10. How Would you rate the content of the seminar?

1

2

3

4

5



  
Dr. N. SENTHILKUMAR,  
PRINCIPAL,

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

Student Name with Signature





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

Ethirmedu, B.Komarapalayam – 638 183, Namakkal Dist. Tamilnadu. India  
Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai.  
Website : [www.jkkmmrfpharmacy.edu.in](http://www.jkkmmrfpharmacy.edu.in) | E-Mail : [principal@jkkmmrfpharmacy.edu.in](mailto:principal@jkkmmrfpharmacy.edu.in)  
Contact No. : +919789456750, +919943069944, +919943066944

## Seminar on Functional foods and Nutraceuticals STUDENTS FEEDBACK ANALYSIS

DATE: 30/10/2018-31/10/2018

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



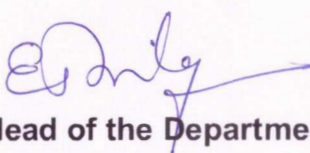
Dr. N. SENTHILKUMAR,  
PRINCIPAL,

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

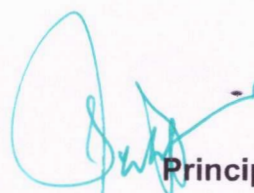


6	Like to learn more about this topic	Yes	5	5
		No	0	
7	Rate the content of the slides/virtual aid	Extremely clear	5	5
		Very clear	3	
		Moderately clear	2	
		Not very clear	1	
		Not at all clear	0	
8	Accuracy of the sessions	Extremely clear	5	5
		Very clear	3	
		Moderately clear	2	
		Not very clear	1	
		Not at all clear	0	
9	Session expectations	Excellent	5	5
		Good	3	
		Fair	2	
		Poor	1	
		Not at all clear	0	
10	Rate the content of the seminar	1	1	5
		2	2	
		3	3	
		4	4	
		5	5	

Total marks = 50

  
Head of the Department



  
Principal

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





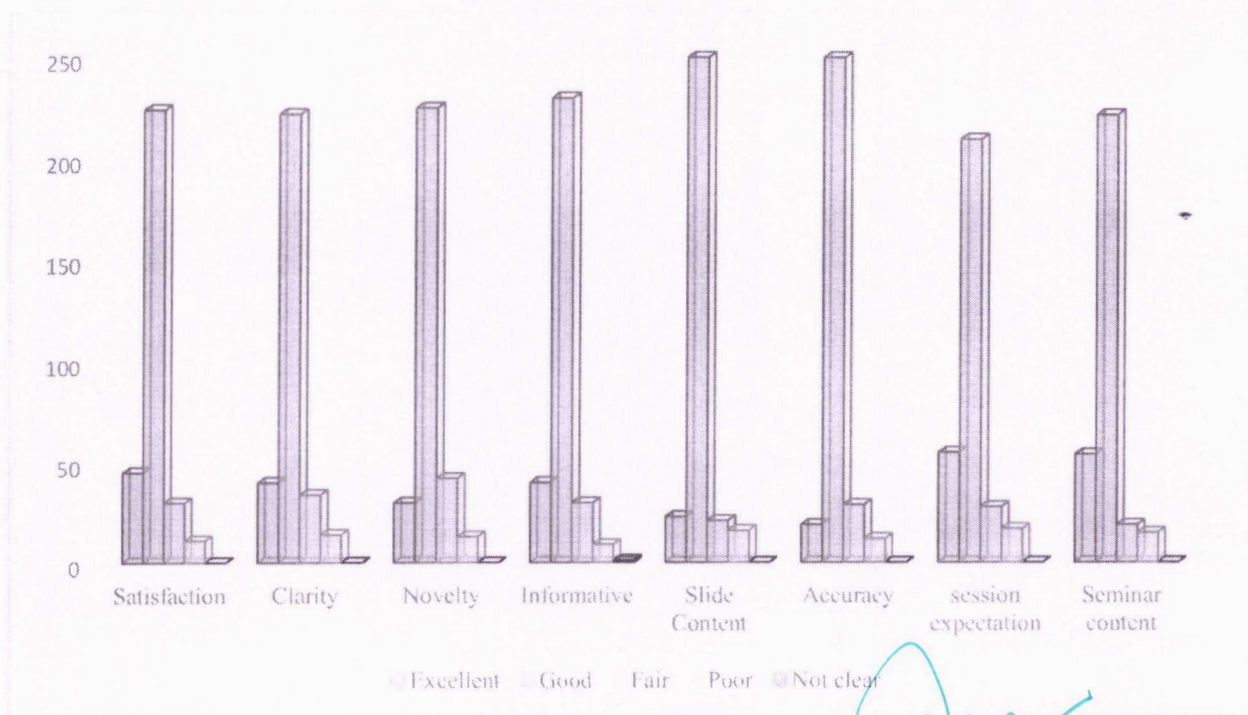
**J.K.K.MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S**  
**ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY**

Ethirmedu, **B.Komarapalayam** – 638 183, Namakkal Dist. Tamilnadu, India  
 Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai.  
 Website : [www.jkkmmrfpharmacy.edu.in](http://www.jkkmmrfpharmacy.edu.in) | E-Mail : [principal@jkkmmrfpharmacy.edu.in](mailto:principal@jkkmmrfpharmacy.edu.in)  
 Contact No. : +919789456750, +919943069944, +919943066944

**Seminar on**  
**Functional foods and Nutraceuticals**

**DATE: 30/10/2018-31/10/2018**

1.Satisfaction	6.Like to learn more about this topic
2.Clarity	7.Rate the content of the slides/virtual aid
3. Percentage of the information was new	8.Accuracy of the sessions
4.Informative	9.Session expectations
5.Technical issues	10.Rate the content of the seminar



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





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

Ethirmedu, B.Komarapalayam – 638 183, Namakkal Dist. Tamilnadu. India  
Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai  
Website : [www.jkkmmrfpharmacy.edu.in](http://www.jkkmmrfpharmacy.edu.in) | E-Mail : [principal@jkkmmrfpharmacy.edu.in](mailto:principal@jkkmmrfpharmacy.edu.in)  
Contact No. : +919789456750, +919943069944, +919943066944

## LIST OF PARTICIPIANTS

1	MUTHUMURUGAN M	III Yr
2	NAHEEMA P T	III Yr
3	NANDHINI N	III Yr
4	NAVANANDHINI J	III Yr
5	NAVEEN KUMAR M	III Yr
6	NAVEENKUMAR K	III Yr
7	NIKAN KARIMZADEH	III Yr
8	NIRMALRAJ M	III Yr
9	NISANTHINI M	III Yr
10	PARTHASARATHY K	III Yr
11	PAVITHRA B	III Yr
12	POOVARASAN N	III Yr
13	PRABAHARAN B	III Yr
14	PRAKASH J	III Yr
15	PRAVEEN KUMAR M	III Yr
16	PRIYA DHARSHINI R	III Yr
17	RAGUL A	III Yr
18	RAHIMAN K	III Yr
19	RAHULANANDK	III Yr
20	RAMAKRISHNAN S	III Yr
21	RAMKUMAR R	III Yr
22	RAMYA E	III Yr
23	RANJITH M	III Yr
24	RAVICHANDRANK	III Yr
25	SALMANSHERIFF K	III Yr
26	SANGEETHA R	III Yr
27	SANTHIYA G	III Yr
28	SANTHOSH S	III Yr
29	SANTHOSH KUMAR P	III Yr
30	SARALA R	III Yr
31	SARAN K	III Yr
32	SATHISH P	III Yr
33	SATHISH KUMAR V	III Yr
34	SELVA GANAPATHI I	III Yr



  
Dr. N. SENTHILKUMAR,  
PRINCIPAL,

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





JKKMRF's ANNAI JKK SAMPOORANI AMMAL COLLEGE OF  
PHARMACY, KOMARAPALAYAM

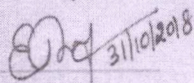


Seminar on  
FUNCTIONAL FOODS AND NUTRACEUTICALS  
Organised by  
Department of Pharmacognosy

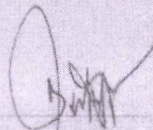
CERTIFICATE OF PARTICIPATION

This is to certify that Ms./ Mr./ Mrs./ Dr. \_\_\_\_\_

has Delegate/ Resource person in seminar on Functional Foods and Nutraceuticals  
held on 30.10.2018 - 31.10.2018

  
31/10/2018

Co - Convenor



Convenor



  
Dr. N. SENTHILKUMAR,  
PRINCIPAL,

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





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

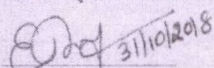


Seminar on  
FUNCTIONAL FOODS AND NUTRACEUTICALS

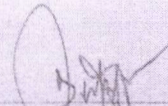
Organised by  
Department of Pharmacognosy

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./ Mr./ Mrs./ Dr. RAGUL.A  
has Delegate/ Resource person in seminar on Functional Foods and Nutraceuticals  
held on 30.10.2018 - 31.10.2018

  
31/10/2018

Co - Convenor



Convenor



  
Dr. N. SENTHILKUMAR,  
PRINCIPAL,

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





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

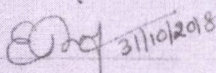


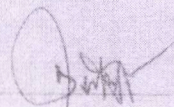
Seminar on  
FUNCTIONAL FOODS AND NUTRACEUTICALS

Organised by  
Department of Pharmacognosy

CERTIFICATE OF PARTICIPATION

This is to certify that Ms./ Mr./ Mrs./ Dr. NANDHINI . N  
has Delegate/ Resource person in seminar on Functional Foods and Nutraceuticals  
held on 30.10.2018 - 31.10.2018

  
31/10/2018  
Co - Convenor

  
Convenor



  
Dr. N. SENTHILKUMAR,  
PRINCIPAL,

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