



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 |E-Mail : principal@jkkmmrfpharmacy.edu.in
Contact No. : +919789456750, +919943069944, +919943066944

ADD ON COURSE	INDUSTRIAL APPROACH ON NATURAL PRODUCTS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2017-2018
DATE	02.05.2018 – 10.05.2018
VENUE	SEMINAR HALL

REPORT

RESOURCE PERSONS

Dr. N. Senthil Kumar, M.Pharm., Ph.D

Principal, JKKMMRF's Annai JKK
Sampoorani Ammal College of Pharmacy,
Komarapalayam

Mr. R. Vijay Amirtharaj, M.Pharm

Professor, JKKMMRF's Annai JKK Sampoorani
Ammal College of Pharmacy, Komarapalayam

No. of Students Enrolled : 67

No of Students Certified : 65

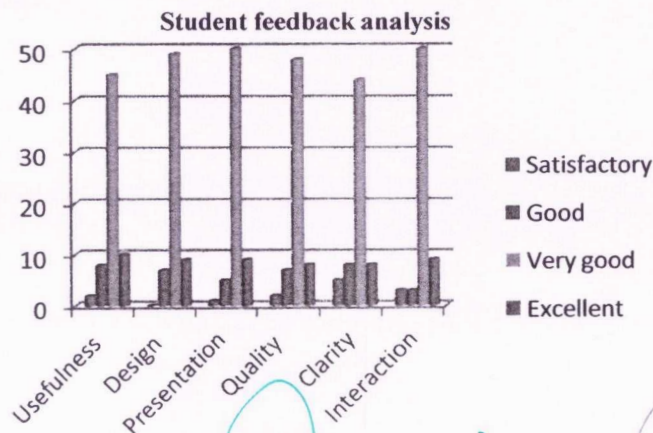
Objectives :

The objective of the course provides the knowledge on natural product sector remains in area of economic growth around the world especially among the developing countries. Most importantly, gathering, processing and commercialization of these natural products are carried out.

Learning outcomes :

- Broad knowledge of the major classes of natural products.
- Fundamental practical laboratory skills in extraction, purification and analysis of natural products.
- Built better connection with experts in this field.

The students were actively participated in these course and gained knowledge.



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REF.NO: JKKM/PH-COGNOSY /REQ/2018/002

Date:26.04.2018

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.

Subject: Requesting Permission to conduct Value added course -regarding.

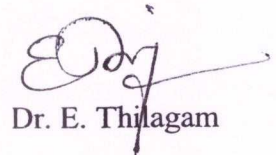
Respected Sir,

With due respect, we humbly request you to grand permission to conduct a Value added course on **Industrial approach on natural products** during **02.05.2018 to 10.05.2018** 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,



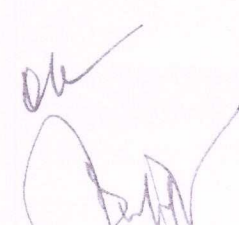
Dr. E. Thilagam

Signature of HOD.



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CIRCULAR


This is inform to the B.PHARM (II, III AND IV), B.PHARM (I and II SEM) and PHARM.D (I - VI) 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
Industrial approach on natural products	02/05/2018 to 10/05/2018	30 HRS	Seminar Hall

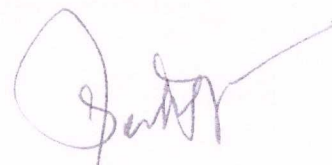
All the above mentioned students must enrol and actively participate in the course without fail.

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




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DEPARTMENT	PHARMACOGNOSY
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DATE	02.05.2018 – 10.05.2018
VENUE	SEMINAR HALL

SYLLABUS

DATE	TOPIC	TIME	DURATION	RESOURCE PERSON
02/05/2018	Good Manufacturing Practices	9.00 -10.30AM	1Hr & 30 mins	Dr. N. Senthil Kumar
		10.45-12.15PM	1Hr & 30 mins	
	Pilot plant scale up techniques	1.30-3.00 PM	1Hr & 30 mins	
		3.15-4.45PM	1Hr & 30 mins	
04/05/2018	Herbarium	9.00 -10.30AM	1Hr & 30 mins	
		10.45-12.15PM	1Hr & 30 mins	
	Impurity limit specification for pharmaceuticals	1.30-3.00 PM	1Hr & 30 mins	
		3.15-4.45PM	1Hr & 30 mins	
05/05/2018	Assessment of Novel stability	9.00 -10.30AM	1Hr & 30 mins	
		10.45-12.15PM	1Hr & 30 mins	
	Challenges for pharmaceutical manufacturers	1.30-3.00 PM	1Hr & 30 mins	
		3,15-4.45PM	1Hr & 30 mins	
08/05/2018	Key control strategies for impurities	9.00 -10.30AM	1Hr & 30 mins	
		10.45-12.15PM	1Hr & 30 mins	
	Innovative development approaches	1.30-3.00 PM	1Hr & 30 mins	
		3.15-4.45PM	1Hr & 30 mins	
09/05/2018	Patient – centric drug product design	9.00 -10.30AM	1Hr & 30 mins	
		10.45-12.15PM	1Hr & 30 mins	
	Industrial challenges in PCD design	1.30-3.00 PM	1Hr & 30 mins	
		3.15-4.45PM	1Hr & 30 mins	
10/05/2018	Fourth Industrial Revolution	9.00 -10.30AM	1Hr & 30 mins	
		10.45-12.15PM	1Hr & 30 mins	
	Feed back and Questionnaire session	1.30 - 4.45PM	1Hr & 30 mins	



Dr. N. Senthil Kumar
PRINCIPAL

Mr. R. Vijay Amirtharaj
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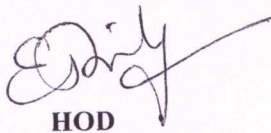


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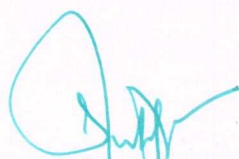
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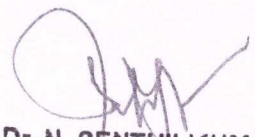
 JKKMMRF'S-ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY Komarapalayam, Namakkal - 638183 <i>Value Added Course</i> Organized by Department of Pharmacognosy <i>Topic: Industrial Approach on Natural Products</i> On:02.05.2018 to 10.05.2018 Venue: SEMINAR HALL	ABOUT US: Dr.J.K.K Munirajah is a reputed industrialist technocrat and educational besides, being a social worker a person imbued in deep spiritual values and philanthropist. At Present Annai J.K.K Sampoorani Ammal Charitable Trust runs Paramedical Institutions offering Diploma, Graduate, Post Graduate & Ph.D. Courses and Research Scholarships in Pharmacy, nursing Physiotherapy and Occupational Therapy at Komarapalayam. The Trust has won many national and state awards. These renowned Educational Institutions spared education to promote knowledge, wisdom and service -Orientation. 	RESOURCE PERSON  Dr. N. Senthil Kumar, M.Pharm., Ph.D Principal JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam  Mr. R. Vijay Amirtharaj, M.Pharm Professor and Head JKKMMRF's Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam
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HOD

PRINCIPAL




**Dr. N. SENTHILKUMAR,
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LIST OF STUDENTS ENROLLED FOR THE COURSE

S.NO	Register No	Students Name	Year	Course
1	561758010	ARUNPRAKASH S	SEM-I	B.PHARM
2	561758011	AYYASAMY R	SEM-I	B.PHARM
3	561758012	BALA GURU I T	SEM-I	B.PHARM
4	561758013	CHANDRU D	SEM-I	B.PHARM
5	561758014	DEEPA P	SEM-I	B.PHARM
6	561758015	DEEPIKA R	SEM-I	B.PHARM
7	561758016	DEVASHRI P B	SEM-I	B.PHARM
8	561758017	DHARMASEELAN K	SEM-I	B.PHARM
9	561758018	DHILEEP M	SEM-I	B.PHARM
10	561758019	DINESHKUMAR B	SEM-I	B.PHARM
11	561758020	DIVAKAR A	SEM-I	B.PHARM
12	561758063	NAVEENKUMAR P	SEM-I	B.PHARM
13	561758064	PARTHEEPAN S	SEM-I	B.PHARM
14	561758065	PAVITHRA R	SEM-I	B.PHARM
15	561758066	PAVITHRAN K	SEM-I	B.PHARM
16	561758067	PRAKASH S	SEM-I	B.PHARM
17	561758068	PRAVEEN KUMAR C	SEM-I	B.PHARM
18	561758069	PRIYADHARSHINI M	SEM-I	B.PHARM
19	561758070	PRIYADHARSHINI S	SEM-I	B.PHARM
20	561758071	RAGUNATH S	SEM-I	B.PHARM
21	561758072	RAMAKRISHNAN P	SEM-I	B.PHARM
22	561758073	RANGANATH V	SEM-I	B.PHARM
23	561758074	SAKTHIVEL P	SEM-I	B.PHARM
24	561758075	SAMYUKTA D	SEM-I	B.PHARM
25	261710803	HEMALATHA K	SEM-I	M.PHARM
26	261710804	NANDHINI B	SEM-I	M.PHARM
27	261710805	PILLA ANIL KUMAR	SEM-I	M.PHARM
28	261710806	SHAIK SUBHANI	SEM-I	M.PHARM
29	261710807	ASWATHY RAJ S	SEM-I	M.PHARM
30	561658021	HARI KRISHNAN K	II YR	B.PHARM
31	561658022	JAFERI SANDOSH A	II YR	B.PHARM
32	561658023	JAMBULINGAMP	II YR	B.PHARM
33	561658024	JAYASHREE L	II YR	B.PHARM
34	561658025	JEEVANANTHAM T	II YR	B.PHARM
35	561658026	KAMALI V	II YR	B.PHARM
36	561658027	KARTHIK S S SENTHILKUMAR,	II YR	B.PHARM
37	561658028	KARTHIKEYAN K NCIPAL	II YR	B.PHARM
38	561658029	KARTHIKEYAN N	II YR	B.PHARM



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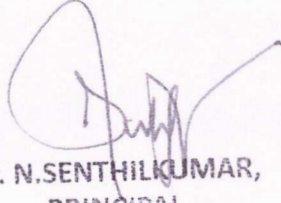
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39	561658030	KARTHIKEYAN S	II YR	B.PHARM
40	561658031	KAVIN M	II YR	B.PHARM
41	561658032	KAVIN M	II YR	B.PHARM
42	561658033	KRISHNAMOORTHY K	II YR	B.PHARM
43	561658034	LAKSMANAN P	II YR	B.PHARM
44	561658035	MADHEEHA	II YR	B.PHARM
45	561658037	MANISHA M	II YR	B.PHARM
46	561658038	MARIMUTHU P	II YR	B.PHARM
47	561658039	MOHAMED YASEEN M	II YR	B.PHARM
48	561658040	MOHAMMED RISAL T	II YR	B.PHARM
49	561658041	MOHANKUMAR R	II YR	B.PHARM
50	561658042	MUTHUMURUGAN M	II YR	B.PHARM
51	561458026	MOHAMMED SHAHSHAD T K	IV YR	B.PHARM
52	561458027	MURUGESAN.C	IV YR	B.PHARM
53	561458028	NADHIYA.M	IV YR	B.PHARM
54	561458029	NAVEEN.P	IV YR	B.PHARM
55	561458030	NAVINKUMAR.V	IV YR	B.PHARM
56	561458031	NEDUNCHALIAN.A	IV YR	B.PHARM
57	561458032	PARKAVI V	IV YR	B.PHARM
58	561458033	PRABHU.A	IV YR	B.PHARM
59	561458034	PRAVEENA.P	IV YR	B.PHARM
60	561458035	PUGAZHENTHIS	IV YR	B.PHARM
61	561558003	ANUSIYA.A	III YR	B.PHARM
62	561558004	ARUN.K.C	III YR	B.PHARM
63	561558005	ASHOKKUMAR.A	III YR	B.PHARM
64	561558006	BHUVANESHWARAN.B	III YR	B.PHARM
65	561558007	DEEPIKA.V	III YR	B.PHARM
66	561558008	DINESH.M	III YR	B.PHARM
67	561558009	DINESHKUMAR.M	III YR	B.PHARM




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3	561758012	BALA GURU I T	SEM-I	B.PHARM	/	/	/	/	/
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14	561758065	PAVITHRA R	SEM-I	B.PHARM	/	/	/	/	/
15	561758066	PAVITHRAN K	SEM-I	B.PHARM	/	/	/	/	/
16	561758067	PRAKASH S	SEM-I	B.PHARM	/	/	/	/	/



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26	261710804	NANDHINI B	SEM-I	M.PHARM	/	/	/	/	/
27	261710805	PILLA ANIL KUMAR	SEM-I	M.PHARM	/	/	/	/	/
28	261710806	SHAIK SUBHANI	SEM-I	M.PHARM	/	/	/	/	/
29	261710807	ASWATHY RAJ S	SEM-I	M.PHARM	Ab	Ab	Ab	Ab	Ab
30	561658021	HARI KRISHNAN K	II YR	B.PHARM	/	/	/	/	/
31	561658022	JAFERI SANDOSH A	II YR	B.PHARM	/	/	/	/	/
32	561658023	JAMBULINGAM P	II YR	B.PHARM	/	/	/	/	/
33	561658024	JAYASHREE L	II YR	B.PHARM	/	/	/	/	/
34	561658025	JEEVANANTHAM T	II YR	B.PHARM	/	/	/	/	/
35	561658026	KAMALI V	II YR	B.PHARM	/	/	/	/	/
36	561658027	KARTHICK S	II YR	B.PHARM	/	/	/	/	/
37	561658028	KARTHIKEYAN K	II YR	B.PHARM	/	/	/	/	/
38	561658029	KARTHIKEYAN N	II YR	B.PHARM	Ab	Ab	Ab	Ab	Ab
39	561658030	KARTHIKEYAN S	II YR	B.PHARM	/	/	/	/	/
40	561658031	KAVIN M	II YR	B.PHARM	/	/	/	/	/
41	561658032	KAVIN M	II YR	B.PHARM	/	/	/	/	/
42	561658033	KRISHNAMOORTHY K	II YR	B.PHARM	/	/	/	/	/
43	561658034	LAKSMANAN P	II YR	B.PHARM	/	/	/	/	/
44	561658035	MADHEEHA	II YR	B.PHARM	/	/	/	/	/
45	561658037	MANISHA M	II YR	B.PHARM	/	/	/	/	/
46	561658038	MARIMUTHU P	II YR	B.PHARM	/	/	/	/	/
47	561658039	MOHAMED YASEEN M	II YR	B.PHARM	/	/	/	/	/
48	561658040	MOHAMMED RISAL T	II YR	B.PHARM	/	/	/	/	/



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50	561658042	MUTHUMURUGAN M	II YR	B.PHARM	/	/	/	/	/
54	561458029	NAVEEN.P	IV YR	B.PHARM	/	/	/	/	/
55	561458030	NAVINKUMAR.V	IV YR	B.PHARM	/	/	/	/	/
56	561458031	NEDUNCHALIAN.A	IV YR	B.PHARM	/	/	/	/	/
57	561458032	PARKAVI V	IV YR	B.PHARM	/	/	/	/	/
58	561458033	PRABHU.A	IV YR	B.PHARM	/	/	/	/	/
59	561458034	PRAVEENA.P	IV YR	B.PHARM	/	/	/	/	/
60	561458035	PUGAZHENTHIS	IV YR	B.PHARM	/	/	/	/	/
61	561558003	ANUSIYA.A	III YR	B.PHARM	/	/	/	/	/
62	561558004	ARUN.K.C	III YR	B.PHARM	/	/	/	/	/
63	561558005	ASHOKKUMAR.A	III YR	B.PHARM	Ab	Ab	Ab	Ab	Ab
64	561558006	BHUVANESHWARAN.B	III YR	B.PHARM	/	/	/	/	/
65	561558007	DEEPIKA.V	III YR	B.PHARM	/	/	/	/	/
66	561558008	DINESH.M	III YR	B.PHARM	/	/	/	/	/
67	561558009	DINESHKUMAR.M	III YR	B.PHARM	/	/	/	/	/



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Arun Prakash . S
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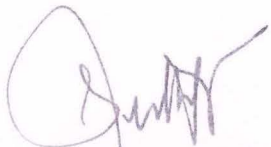
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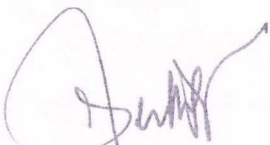
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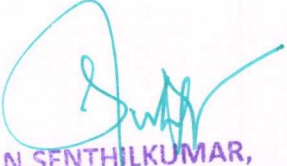


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25) Which is the leading country in 4 IR

- a) India
- b) Japan
- c) Malaysia
- d) Denmark


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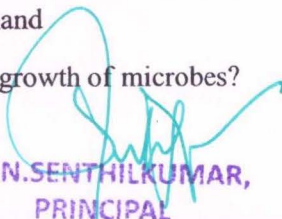
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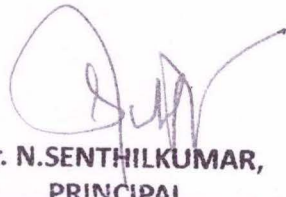
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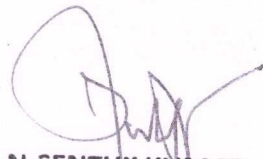
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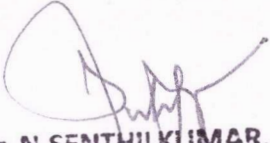
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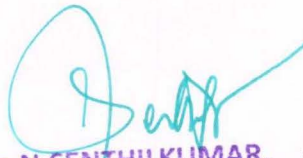
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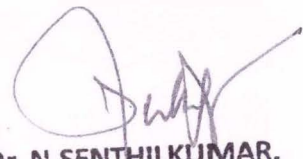
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Ethirmedi, B.Komarapalayam – 638 183, Namakkal Dist. Tamilnadu. India
Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai
Website : www.jkkmmrfpharmacy.edu.in |E-Mail : principal@jkkmmrfpharmacy.edu.in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

25) Which is the leading country in 4 IR

- a) India
- b) Japan**
- c) Malaysia
- d) Denmark

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ADD ON COURSE	INDUSTRIAL APPROACH ON NATURAL PRODUCTS
DEPARTMENT	PHARMACOGNOSY
ACADEMIC YEAR	2017-2018
DATE	02.05.2018 – 10.05.2018
VENUE	SEMINAR HALL

STUDENTS MARK STATEMENT

S.NO	Register No	Students Name	Mark	Percentage
1	561758010	ARUNPRAKASH S	18	90
2	561758011	AYYASAMY R	19	95
3	561758012	BALA GURU I T	16	80
4	561758013	CHANDRU D	15	75
5	561758014	DEEPA P	18	90
6	561758015	DEEPIKA R	17	85
7	561758016	DEVASHRI P B	18	90
8	561758017	DHARMASEELAN K	19	95
9	561758018	DHILEEP M	20	100
10	561758019	DINESHKUMAR B	16	80
11	561758020	DIVAKAR A	20	100
12	561758063	NAVEENKUMAR P	18	90
13	561758064	PARTHEEPAN S	18	90
14	561758065	PAVITHRA R	18	90
15	561758066	PAVITHRAN K	ab	Ab
16	561758067	PRAKASH S	16	80
17	561758068	PRAVEEN KUMAR C	15	75
18	561758069	PRIYADHARSHINI M	18	90
19	561758070	PRIYADHARSHINI S	17	85
20	561758071	RAGUNATH S	18	90
21	561758072	RAMAKRISHNAN P	19	95
22	561758073	RANGANATH V	20	100
23	561758074	SAKTHIVEL P	16	80
24	561758075	SAMYUKTA D	18	90
25	261710803	HEMALATHA K	19	95
26	261710804	NANDHINI B	16	80
27	261710805	PILLA ANIL KUMAR	15	75
28	261710806	SHAIK SUBHANI	18	90
29	261710807	ASWATHY RAJ S	ab	ab
30	561658021	HARI KRISHNAN K	18	90
31	561658022	JAFERI SANDOSH A	19	95
32	561658023	JAMBULINGAMP	20	100
33	561658024	JAYASHREE L	16	80
34	561658025	JEEVANANTHAM J, MAR,	18	90
35	561658026	KAMALI	19	95



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36	561658027	KARTHICK S	16	80
37	561658028	KARTHIKEYAN K	15	75
38	561658029	KARTHIKEYAN N	ab	ab
39	561658030	KARTHIKEYAN S	17	85
40	561658031	KAVIN M	18	90
41	561658032	KAVIN M	19	95
42	561658033	KRISHNAMOORTHY K	20	100
43	561658034	LAKSMANAN P	16	80
44	561658035	MADHEEHA	19	95
45	561658037	MANISHA M	20	100
46	561658038	MARIMUTHU P	16	80
47	561658039	MOHAMED YASEEN M	18	90
48	561658040	MOHAMMED RISAL T	19	95
49	561658041	MOHANKUMAR R	16	80
50	561658042	MUTHUMURUGAN M	15	75
51	561458026	MOHAMMED SHAHSHAD T K	18	90
52	561458027	MURUGESAN.C	ab	ab
53	561458028	NADHIYA.M	20	100
54	561458029	NAVEEN.P	16	80
55	561458030	NAVINKUMAR.V	19	95
56	561458031	NEDUNCHALIAN.A	16	80
57	561458032	PARKAVI V	15	75
58	561458033	PRABHU.A	18	90
59	561458034	PRAVEENA.P	19	95
60	561458035	PUGAZHENTHILS	20	100
61	561558003	ANUSIYA.A	19	95
62	561558004	ARUN.K.C	17	85
63	561558005	ASHOKKUMAR.A	ab	ab
64	561558006	BHUVANESHWARAN.B	19	95
65	561558007	DEEPIKA.V	20	100
66	561558008	DINESH.M	16	80
67	561558009	DINESHKUMAR.M	20	100


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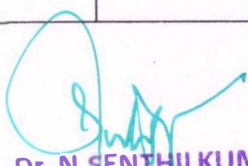
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FEEDBACK FORM

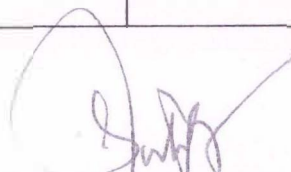
NAME OF THE STUDENT: ARUNPRAKASH.S REGISTER NO: 561758010.
COURSE : B. Pharm I. Sem DATE: 10/05/2018
TOPIC : Industrial approach on natural products. EMAIL: arunprakash18@gmail.com
CONTACT NO : 8098726531.

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	✓			




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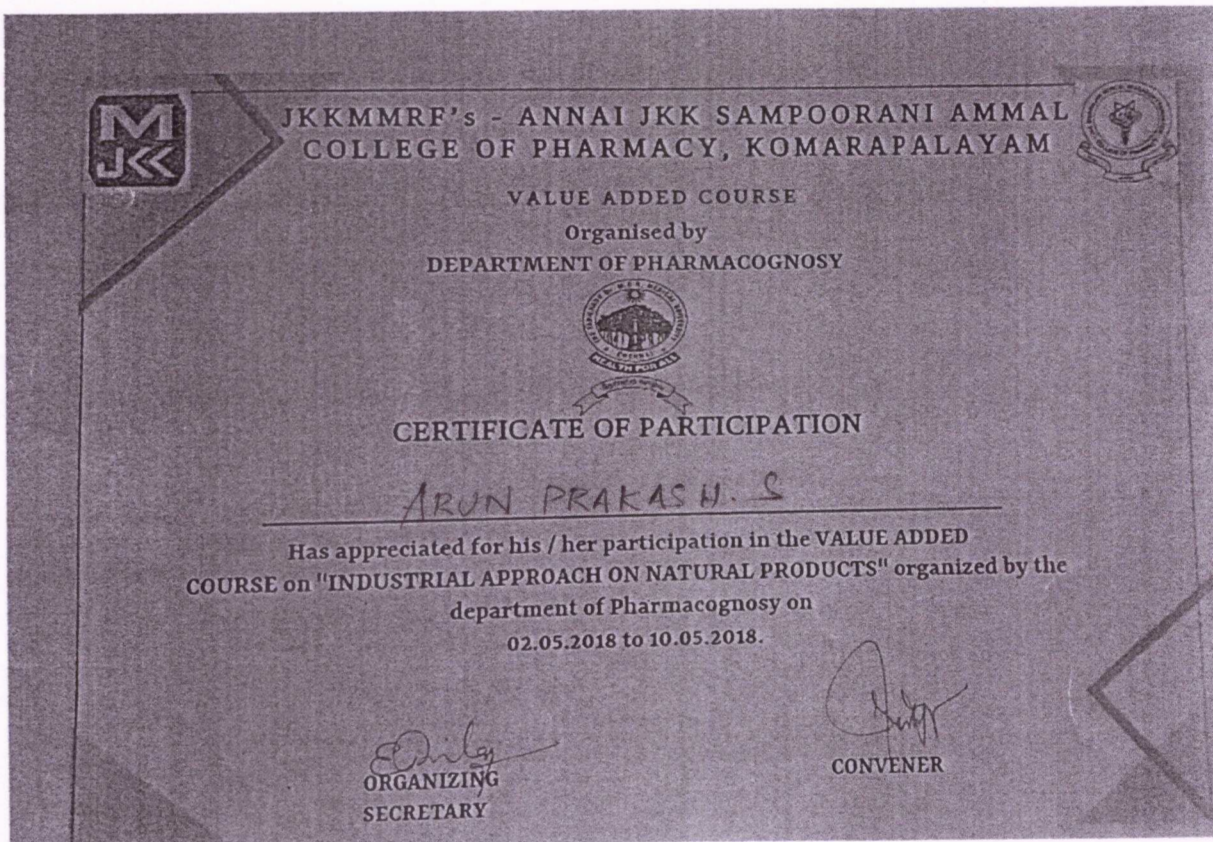
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CERTIFICATE



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