

K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

TIRUCHENGODE.

DEPARTMENT OF BIOTECHNOLOGY

CIRCULAR

DATE:23.08.2017

From

The Head

Department of Biotechnology

To

All HOD's

Students of all departments

Our department has planned to conduct a certificate course on "Basics of Biotechnology" in this semester. Total course starts from 1st August and ends by September. Students who are all interested may enroll their name to the course coordinator. The certificate course will be conducted after the class hours (4.15 to 5.15pm). At the end of this course certificate will be issued.

Students are advised to meet the following staff for registration.

Mr.M.Aarthi

Course coordinator

Department of biotechnology


KSRCAS.



Staff in-charge signature



Head of the department



PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

18BTCC02	UNDERSTANDING IMMUNITY & VACCINATION	SEMESTER - EVEN
----------	--------------------------------------	-----------------

Course Objectives:

The Course aims

- To study the basic concepts immunity and vaccination.

		Total Hours: 30
UNIT	CONTENTS	Hrs of execution
I	Historical Prospective of Immunology, Early Theories of Immunology, Immunity and its types.	6
II	Hematopoiesis, cells of immune system. Primary and secondary lymphoid organ, Antigen, Antibody.	6
III	Humoral immunity and cell mediated immunity, Primary and secondary immune response. Complement pathway. Cytokines.	6
IV	Vaccine and Vaccination-Types of vaccine- Live, killed vaccine, subunit vaccine, DNA vaccine, recombinant vaccine. Vaccination schedule in India.	6
V	Immunological Techniques- Agglutination - Blood grouping precipitation, ELISA, Western Blotting.	6

Reference Books

1	<i>Kuby Richard. A. Goldsby, Thomas. J. Kint and Barbara. A. Osborne. 2000. Immunology [Fourth Edition]. W.H. Freeman and Company, New York.</i>
2	<i>Peter J. Delves, Seamus J. Martin, Dennis R. Burton and Ivan M. Roitt. 2006. Roitt's Essential Immunology. [Eleventh Edition]. Blackwell Publication.</i>
3	<i>Tristram G. Parslow, Daniel P. Stites, Abba I. Terr and John B. Imboden. 2001. Medical Immunology. [Tenth Edition]. Tata Mc Graw Hill Publication.</i>
4	<i>Ian Tizard, K. 1995. Immunology: An Introduction. [Fourth Edition] Saunders College Publication.</i>
5	<i>Kalus D. Elgert, 2009. Immunology - Understanding the Immune System. [Second Edition]. Wiley-Blackwell Publication.</i>

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Nambakkal-DI. Tamil Nadu, INDIA

Mr. M. PRASAD, M.Sc., M.Phil., M.P.Ed.
Coordinator of Examinations
K.S. Rangasamy College of Arts & Science (Autonomous)
Tiruchengode - 637 215, Tamil Nadu, India.

Work Plan Schedule

Staff Name: AARTHI M

Dept: Bio-Technology

Class : B.Sc&M.Sc


Paper: Value added course:Basics of Biotechnology

Period : August- 2017 to September – 2017

S.No	Unit	Topic	No. Of Hours
1	I	Biotechnology – Milestones in Biotechnology	2
2	I	Old Biotechnology	1
3	I	New Biotechnology	1
4	I	Scientist in Contribution in Biotechnology	2
5	II	DNA as Genetic Material	2
6	II	Central Dogma	2
7	II	RNA – Protein	2
8	III	Genetic Engineering	2
9	III	Cloning	2
10	III	Gene Cloning and organism Cloning with Example	2
11	IV	Biotechnology in Food and Agriculture Sector.	2
12	IV	Genetically Modified Crops – One Example	2
13	IV	Food – One Example	2
14	V	Biotechnology in Health Sectors and Forensic Department	2
15	V	Pharma Industry and Drug Manufacturing – Vaccine	2
16	V	Forensic Department – DNA Finger Printing Paternity and Maternity Test	2
Total No of Hours:			30


HOD Approval
with Date


Faculty Signature
with Date


PRINCIPAL
K. S. Rangasamy College of Arts & Sciences
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

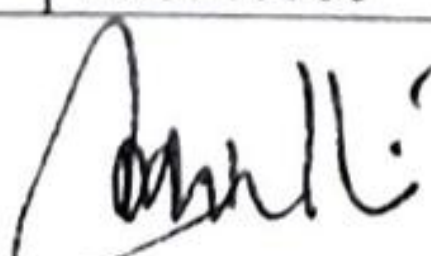
TIRUCHENGODE-637 215

DEPARTMENT OF BIOTECHNOLOGY

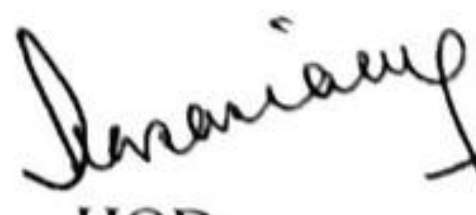
Subject name: Basics of biotechnology
Academic year 2017-2018

course code: 15BTCC01

S.NO	REG NO	DEPARTMENT	NAME	
1	16UBC009	Biochemistry	Divyapriya.R	Divya
2	16UBC010	Biochemistry	Gobika.M	M Gobika
3	16UBC016	Biochemistry	Jayasudha.S	Jayasudha
4	16UBC022	Biochemistry	Mariyappan.C	Mariyappan
5	16UBC030	Biochemistry	Poovizhi.S	Poovizhi
6	16UBC033	Biochemistry	Sangeetha.V	Sangeetha
7	16UBC039	Biochemistry	Somasundaram.C	Somasundaram
8	16UBC042	Biochemistry	Sudha.D	Sudha
9	16UBC044	Biochemistry	Surendar.S	Surendar
10	16UBC046	Biochemistry	Varshini.V	Varshini
11	16UCA067	Bachelor of Computer Applications	Mohanapriya.S	Mohanapriya
12	16UCA072	Bachelor of Computer Applications	Monisha.M	Monisha
13	16UCA127	Bachelor of Computer Applications	Vignesh.P	Vignesh
14	16UCH007	Chemistry	Boobesh.P	Boobesh
15	16UCH023	Chemistry	Logeshwaran.S	Logeshwaran
16	16UCH037	Chemistry	Rameshbaabu.A	Rameshbaabu
17	16UEN028	English	Kavitha barathi.C	Kavitha barathi
18	16UEN041	English	Priyadarshini.R	Priyadarshini
19	16UEN055	English	Thamodheran.D	Thamodheran
20	16UMA043	Mathematics	Jeevitha.S	Jeevitha
21	16UMA059	Mathematics	Lakshmi Priya.N	Lakshmi Priya
22	16UMA064	Mathematics	Maheswari.T	Maheswari
23	16UMA070	Mathematics	Nandhini.R	Nandhini
24	16UMA103	Mathematics	Santhiya.C	Santhiya
25	16UMA110	Mathematics	Savitha.L	Savitha
26	16UMA114	Mathematics	Sindhuja.L	Sindhuja
27	16UMA116	Mathematics	Soundariyadarshini.M	Soundariyadarshini
28	16UMA117	Mathematics	Sowmiya.P	Sowmiya
29	16UMB002	Microbiology	Anjana prasad	Anjana prasad
30	16UMB003	Microbiology	Anushka.M	Anushka
31	16UMB009	Microbiology	Dharani.N	Dharani
32	16UMB016	Microbiology	Janani.D	Janani
33	16UMB022	Microbiology	Malathi.J	Malathi
34	16UMB048	Microbiology	Umasankar.S	Umasankar
35	16UPH001	Physics	Abarna.R	Abarna
36	16UPH018	Physics	Elango.S	Elango
37	16UPH030	Physics	Jagadeeshwaran.K	Jagadeeshwaran
38	16UPH039	Physics	Kesavan.M	Kesavan
39	16UPH049	Physics	Naveenkumar.Y	Naveenkumar
40	16UPH061	Physics	Reeva.G	Reeva


CO ORDINATOR


PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-DI. Tamil Nadu. INDIA


HOD


PRINCIPAL

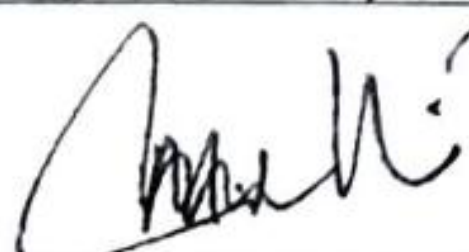
K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
TIRUCHENGODE - 637 215

DEPARTMENT OF BIOTECHNOLOGY

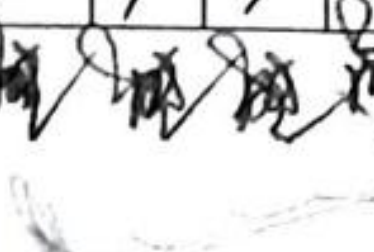
Subject name: Basics of Biotechnology
Academic year 2017-2018

Course code: 15BTCC01
Month: September

S no	Reg no	Name	4	5	6	7	8	11	12	13	14	15	16	17	20	21	22
1	16UBC009	Divyapriya.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	16UBC010	Gobika.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	16UBC016	Jayasudha.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	16UBC022	Mariyappan.C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	16UBC030	Poovizhi.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	16UBC033	Sangeetha.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	16UBC039	Somasundaram.C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
8	16UBC042	Sudha.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	16UBC044	Surendar.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	16UBC046	Varshini.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	16UCA067	Mohanapriya.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	16UCA072	Monisha.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	16UCA127	Vignesh.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
14	16UCH007	Boobesh.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	16UCH023	Logeshwaran.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	16UCH037	Rameshbaabu.A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
17	16UEN028	Kavitha barathi.C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	16UEN041	Priyadarshini.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	16UEN055	Thamodheran.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	16UMA043	Jeevitha.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	16UMA059	Lakshmi Priya.N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	16UMA064	Maheswari.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	16UMA070	Nandhini.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	16UMA103	Santhiya.C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
25	16UMA110	Savitha.L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	16UMA114	Sindhuja.L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	16UMA116	Soundariyadarshini.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	16UMA117	Sowmiya.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	16UMB002	Anjana prasad	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	16UMB003	Anushka.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	16UMB009	Dharani.N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32	16UMB016	Janani.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	16UMB022	Malathi.J	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34	16UMB048	Umasankar.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	16UPH001	Abarna.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	16UPH018	Elango.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
37	16UPH030	Jagadeeshwaran.K	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
38	16UPH039	Kesavan.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39	16UPH049	Naveenkumar.Y	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40	16UPH061	Reeva.G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/


CO ORDINATOR


HOD


PRINCIPAL

K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt, Tamil Nadu, INDIA

K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

TIRUCHENGODE - 637 215

DEPARTMENT OF BIOTECHNOLOGY

Subject name: Basics of Biotechnology
Academic year 2017-2018

Course code: 15BTCC01

Month: October

S no	Reg no	Name	3	5	7	10	13	16	19	20	23	24	25	27	28	30	31
1	16UBC009	Divyapriya.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
2	16UBC010	Gobika.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	16UBC016	Jayasudha.S	a	/	/	/	/	/	/	/	/	/	a	/	/	/	/
4	16UBC022	Mariyappan.C	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
5	16UBC030	Poovizhi.S	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/
6	16UBC033	Sangeetha.V	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	16UBC039	Somasundaram.C	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
8	16UBC042	Sudha.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	16UBC044	Surendar.S	/	/	/	/	a	a	/	/	/	/	/	/	/	/	/
10	16UBC046	Varshini.V	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
11	16UCA067	Mohanapriya.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	16UCA072	Monisha.M	/	a	/	/	/	/	/	/	/	/	/	/	/	/	/
13	16UCA127	Vignesh.P	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
14	16UCH007	Boobesh.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
15	16UCH023	Logeshwaran.S	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
16	16UCH037	Rameshbaabu.A	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
17	16UEN028	Kavitha barathi.C	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	16UEN041	Priyadharshini.R	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
19	16UEN055	Thamodheran.D	/	/	/	/	/	/	/	/	a	a	/	/	/	/	/
20	16UMA043	Jeevitha.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	a
21	16UMA059	Lakshmi Priya.N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	16UMA064	Maheswari.T	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	16UMA070	Nandhini.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
24	16UMA103	Santhiya.C	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
25	16UMA110	Savitha.L	/	/	/	/	/	/	a	/	/	a	a	/	/	/	/
26	16UMA114	Sindhuja.L	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	16UMA116	Soundariyadharshini.M	/	/	/	a	/	a	/	/	/	/	/	/	/	a	/
28	16UMA117	Sowmiya.P	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
29	16UMB002	Anjana prasad	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	16UMB003	Anushka.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	16UMB009	Dharani.N	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32	16UMB016	Janani.D	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	16UMB022	Malathi.J	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
34	16UMB048	Umasankar.S	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
35	16UPH001	Abarna.R	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
36	16UPH018	Elango.S	/	/	/	a	/	/	/	/	a	a	/	/	/	/	/
37	16UPH030	Jagadeeshwaran.K	/	/	/	a	a	/	/	/	/	/	/	/	/	/	/
38	16UPH039	Kesavan.M	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
39	16UPH049	Naveenkumar.Y	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
40	16UPH061	Reeva.G	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

[Signature]
CO ORDINATOR

[Signature]
HOD

[Signature]
PRINCIPAL

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt, Tamil Nadu, INDIA

K.S.RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
TIRUCHENGODE - 637 215

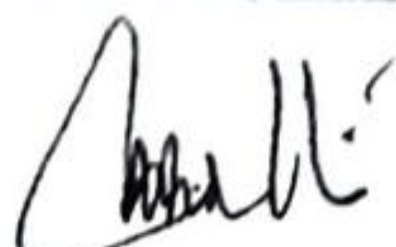
DEPARTMENT OF BIOTECHNOLOGY

subject name: Basics of Biotechnology

Course code: 15BTCC01

Academic year 2017-2018

S no	Reg no	Name	Assn 1 (10)	Assn 2 (10)	Test (75)	Att %	Att (5)	Total (100)
1	16UBC009	Divyapriya.R	8	7	67	100	5	87
2	16UBC010	Gobika.M	9	9	54	100	5	77
3	16UBC016	Jayasudha.S	7	9	59	91	4	79
4	16UBC022	Mariyappan.C	8	6	61	89	4	79
5	16UBC030	Poovizhi.S	8	7	67	97	4	86
6	16UBC033	Sangeetha.V	7	9	68	100	5	89
7	16UBC039	Somasundaram.C	7	9	58	97	4	78
8	16UBC042	Sudha.D	8	7	52	100	5	72
9	16UBC044	Surendar.S	8	6	60	86	4	78
10	16UBC046	Varshini.V	7	8	58	86	4	77
11	16UCA067	Mohanapriya.S	9	7	70	100	5	91
12	16UCA072	Monisha.M	7	8	59	93	5	79
13	16UCA127	Vignesh.P	8	7	67	97	4	86
14	16UCH007	Boobesh.P	7	9	53	100	5	74
15	16UCH023	Logeshwaran.S	9	8	68	86	4	89
16	16UCH037	Rameshbaabu.A	9	7	69	86	5	90
17	16UEN028	Kavitha barathi.C	7	7	59	100	5	78
18	16UEN041	Priyadharshini.R	8	8	61	94	4	81
19	16UEN055	Thamodheran.D	7	9	68	83	5	89
20	16UMA043	Jeevitha.S	9	7	51	94	4	71
21	16UMA059	Lakshmi Priya.N	9	6	69	97	5	89
22	16UMA064	Maheswari.T	7	8	57	100	5	77
23	16UMA070	Nandhini.R	9	8	60	100	5	82
24	16UMA103	Santhiya.C	7	9	67	97	4	87
25	16UMA110	Savitha.L	7	9	56	83	5	77
26	16UMA114	Sindhuja.L	8	7	63	100	5	83
27	16UMA116	Soundariyadharshini.M	7	9	68	89	5	89
28	16UMA117	Sowmiya.P	9	8	62	91	4	83
29	16UMB002	Anjana prasad	7	7	52	97	4	70
30	16UMB003	Anushka.M	9	9	56	100	5	79
31	16UMB009	Dharani.N	9	7	57	100	5	78
32	16UMB016	Janani.D	8	9	53	97	4	74
33	16UMB022	Malathi.J	9	6	55	94	4	74
34	16UMB048	Umasankar.S	8	7	69	100	5	89
35	16UPH001	Abarna.R	7	8	58	97	5	78
36	16UPH018	Elango.S	8	9	57	83	5	79
37	16UPH030	Jagadeeshwaran.K	8	9	52	89	4	73
38	16UPH039	Kesavan.M	7	7	51	97	4	69
39	16UPH049	Naveenkumar.Y	9	8	60	100	5	82
40	16UPH061	Reeva.G	9	6	59	100	5	79



Subject incharge

Mr.M.Aarthi



PRINCIPAL

Dr.M.PrasannaRajeshkumar

HOD



Principal

Dr.V.Radhakrishnan

K. S. Rangasamy College of Arts & Science

(Autonomous)

TIRUCHENGODE - 637 215

Namakkal-Dt, Tamil Nadu, INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Divyapriya.R (16UBC009) of Biochemistry has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

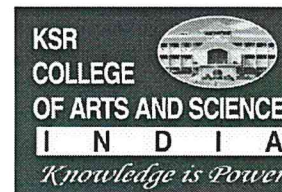
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Gobika.M (16UBC010) of Biochemistry has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

A handwritten signature in black ink, appearing to read 'Dr. M. Prasanna Rajeshkumar'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Mr. M. Aarthi'.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in blue ink, appearing to read 'Dr. V. Radhakrishnan'.

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, India

A handwritten signature in black ink, appearing to read 'Dr. V. Radhakrishnan'.

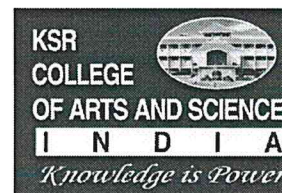
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar, Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Jayasudha.S (16UBC016) of Biochemistry has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

A handwritten signature in black ink, appearing to read 'Dr. M. Prasanna Rajeshkumar'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Mr. M. Aarthi'.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in blue ink, appearing to read 'Dr. V. Radhakrishnan'.

Dr.V.Radhakrishnan
Principal

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Mariyappan.C (16UBC022) of Biochemistry has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

A handwritten signature in black ink, appearing to read 'Dr. M. Prasanna Rajeshkumar'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Mr. M. Aarthi'.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in blue ink, appearing to read 'Dr. V. Radhakrishnan'.

Dr.V.Radhakrishnan
Principal

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, IN

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Poovizhi.S (16UBC030) of Biochemistry has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

A handwritten signature in black ink, appearing to read 'Prasanna'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Aarthi'.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in blue ink, appearing to read 'Radhakrishnan'.

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dl. Tamil Nadu. INDIA

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Sangeetha.V (16UBC033) of Biochemistry has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

A handwritten signature in black ink, appearing to read 'Dr. M. Prasanna Rajeshkumar'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Mr. M. Aarthi'.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in blue ink, appearing to read 'Dr. V. Radhakrishnan'.

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

A handwritten signature in black ink, appearing to read 'Dr. V. Radhakrishnan'.

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Somasundaram.C (16UBC039) of Biochemistry has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

A handwritten signature in black ink, appearing to read 'Prasanna', written over a horizontal line.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Aarthi', written over a horizontal line.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in black ink, appearing to read 'Radhakrishnan', written over a horizontal line.

Dr.V.Radhakrishnan
Principal

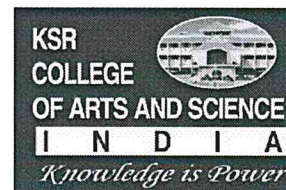
PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Sudha.D (16UBC042) of Biochemistry has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

A handwritten signature in black ink, appearing to read 'Prasanna'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Aarthi'.

Mr.M.Aarthi
Course Coordinator

A red circular stamp with a decorative border, containing the college's name and address.

K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt, Tamil Nadu, INDIA

A handwritten signature in black ink, appearing to read 'Radhakrishnan'.

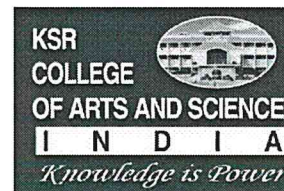
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Surendar.S (16UBC044) of Biochemistry has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

A handwritten signature in black ink, appearing to read 'Dr. M. Prasanna Rajeshkumar'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Mr. M. Aarthi'.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in black ink, appearing to read 'Dr. V. Radhakrishnan'.

Dr.V.Radhakrishnan
Principal

An official blue ink stamp. It contains the text: 'PRINCIPAL', 'K. S. Rangasamy College of Arts & Science (Autonomous)', 'TIRUCHENGODE - 637 215', and 'Namakkal-Dt. Tamil Nadu, INDIA'.

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Varshini.V (16UBC046) of Biochemistry has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

A handwritten signature in black ink, appearing to read 'Prasanna', with a long horizontal line extending to the right.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Aarthi', with a long horizontal line extending to the right.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in blue ink, appearing to read 'Radhakrishnan', with a long horizontal line extending to the right.

Dr.V.Radhakrishnan
Principal

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Mohanapriya.S (16UCA067) of Bachelor of Computer Applications has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

Dr.V.Radhakrishnan
Principal

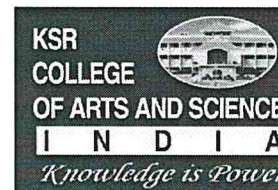
PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt, Tamil Nadu, INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Monisha.M (16UCA072) of Bachelor of Computer Applications has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

A handwritten signature in black ink, appearing to read 'Dr. M. Prasanna Rajeshkumar'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Mr. M. Aarthi'.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in black ink, appearing to read 'Dr. V. Radhakrishnan'.

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

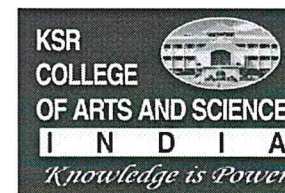
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Vignesh.P (16UCA127) of Bachelor of Computer Applications has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

Dr.V.Radhakrishnan
Principal

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar, Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Boobesh.P (16UCH007) of Chemistry has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

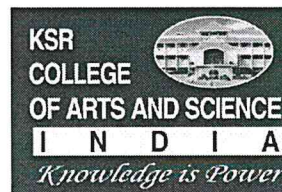
Dr.V.Radhakrishnan
Principal

PRINCIPAL
K.S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Logeshwaran.S (16UCH023) of Chemistry has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

Dr.V.Radhakrishnan
Principal

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Rameshbaabu.A (16UCH037) of Chemistry has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

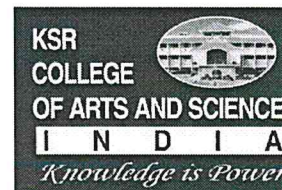
Dr.V.Radhakrishnan
Principal

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Kavitha barathi.C (16UEN028) of English has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.*

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

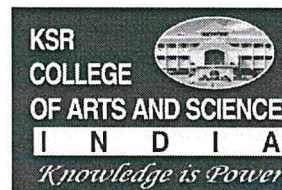
PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, IN

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Priyadharshini.R (16UEN041) of English has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

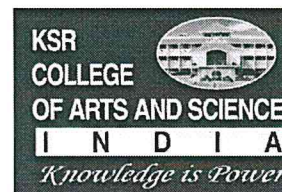
Dr.V.Radhakrishnan
Principal

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar, Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that **Thamodheran.D (16UEN055)** of **English** has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous)**, **Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

Dr.V.Radhakrishnan
Principal

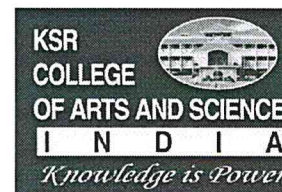
PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, India

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Jeevitha.S (16UMA043) of Mathematics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

Dr.V.Radhakrishnan
Principal

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Lakshmi Priya.N (16UMA059) of Mathematics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt, Tamil Nadu, INDIA

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Maheswari.T (16UMA064) of Mathematics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Nandhini.R (16UMA070) of Mathematics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-DI, Tamil Nadu.

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Santhiya.C (16UMA103) of Mathematics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarathi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

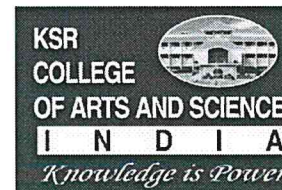
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Savitha.L (16UMA110) of Mathematics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science-
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

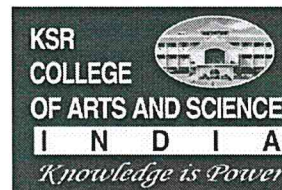
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Sindhuja.L (16UMA114) of Mathematics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

A handwritten signature in black ink, appearing to read 'Dr. M. Prasanna Rajeshkumar'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Mr. M. Aarthi'.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in black ink, appearing to read 'Dr. V. Radhakrishnan'.

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Soundariyadharshini.M (16UMA116) of Mathematics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

A handwritten signature in black ink, appearing to read 'Prasanna'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Aarathi'.

Mr.M.Aarathi
Course Coordinator

A handwritten signature in black ink, appearing to read 'Radhakrishnan'.

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Sowmiya.P (16UMA117) of Mathematics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

A handwritten signature in black ink, appearing to read 'Dr. M. Prasanna Rajeshkumar'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Mr. M. Aarthi'.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in black ink, appearing to read 'Dr. V. Radhakrishnan'.

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

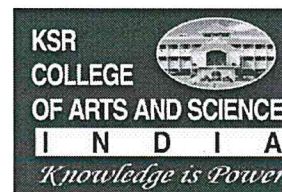
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Anjana prasad (16UMB002) of Microbiology has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

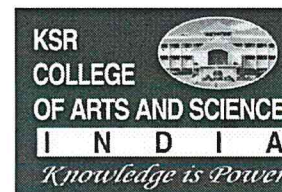
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Anushka.M (16UMB003) of Microbiology has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Dharani.N (16UMB009) of Microbiology has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

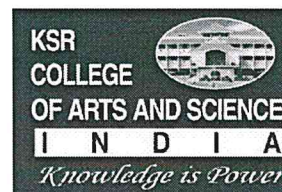
PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Janani.D (16UMB016) of Microbiology has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

A handwritten signature in black ink, appearing to read 'Dr. M. Prasanna Rajeshkumar'.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Mr. M. Aarathi'.

Mr.M.Aarathi
Course Coordinator

A handwritten signature in black ink, appearing to read 'Dr. V. Radhakrishnan'.

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

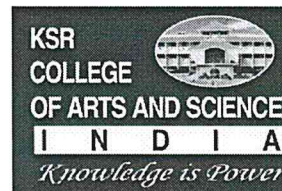
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Malathi.J (16UMB022) of Microbiology has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

A handwritten signature in black ink, appearing to read 'Prasanna', written over a horizontal line.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Aarathi', written over a horizontal line.

Mr.M.Aarathi
Course Coordinator

A handwritten signature in blue ink, written over a horizontal line.

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt, Tamil Nadu, India

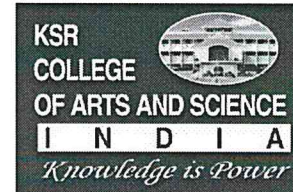
A handwritten signature in black ink, appearing to read 'Radhakrishnan', written over a horizontal line.

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Umasankar.S (16UMB048) of Microbiology has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarathi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Abarna.R (16UPH001) of Physics has completed a Certificate Course in
Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of
Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.*

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Elango.S (16UPH018) of Physics has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

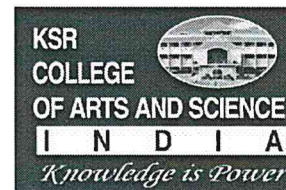
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Jagadeeshwaran.K (16UPH030) of Physics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

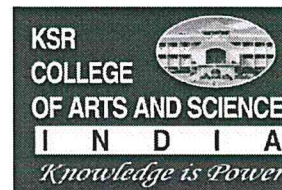
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Kesavan.M (16UPH039) of Physics has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

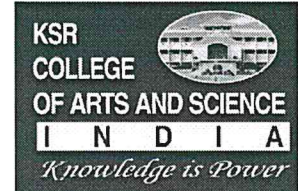
PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal Dist, Tamil Nadu, INDIA

Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem
Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

*This is to certify that Naveenkumar.Y (16UPH049) of Physics has completed a Certificate Course in **Basics of Biotechnology** during the academic year 2017 – 2018 conducted by the Department of Biotechnology, **K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.***

Dr.M.Prasanna Rajeshkumar
Head of the Department

Mr.M.Aarthi
Course Coordinator

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Na.

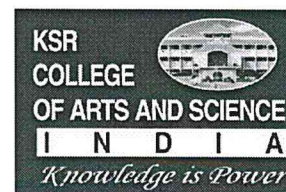
Dr.V.Radhakrishnan
Principal

K.S.Rangasamy College of Arts and Science (Autonomous)

NAAC Reaccredited and an ISO Certified Institution affiliated to Periyar University, Salem

Included Under 2(f) & 12(B) of UGC Act, 1956

KSR Kalvi Nagar; Tiruchengode - 637 215; Namakkal Dist, Tamil Nadu, India



DEPARTMENT OF BIOTECHNOLOGY

Certificate Course

This is to certify that Reeva.G (16UPH061) of Physics has completed a Certificate Course in Basics of Biotechnology during the academic year 2017 – 2018 conducted by the Department of Biotechnology, K.S.Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

A handwritten signature in black ink, appearing to read 'Dr. M. Prasanna Rajeshkumar', is positioned above the name and title of the Head of the Department.

Dr.M.Prasanna Rajeshkumar
Head of the Department

A handwritten signature in black ink, appearing to read 'Mr. M. Aarthi', is positioned above the name and title of the Course Coordinator.

Mr.M.Aarthi
Course Coordinator

A handwritten signature in blue ink, appearing to read 'Dr. V. Radhakrishnan', is positioned above the name and title of the Principal.

PRINCIPAL
K. S. Rangasamy College of Arts & Science
(Autonomous)
TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu

A handwritten signature in black ink, appearing to read 'Dr. V. Radhakrishnan', is positioned above the name and title of the Principal.

Dr.V.Radhakrishnan
Principal