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

Tiruchengode-637215



DEPARTMENT OF BIOCHEMISTRY

Certificate Course: Biochemistry and Phenomena of Life (2019-2020)-Index

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K.S. RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) **TIRUCHENGODE-637215**

DEPARTMENT OF BIOCHEMISTRY

CIRCULAR

Date: 08.07.2019

From

To

The Head

All HODs

Department of biochemistry

All Department Students

It is our pleasure to inform you all that the Department of Biochemistry has planned to conduct a certificate course on "Biochemistry and Phenomena of Life (18BCCC01)" this semester. The course will commence from 05.08.2019 and the duration of this course is for 30 hours. So, we welcome the interested students to enroll their names to the course coordinator. This certificate course will be conducted after the regular class hours (4:15 to 5:15 PM). The certificate will be provided to the successful candidates at the end of the course.

Interested students are advised to contact the following course coordinator for registration

Dr. S. Vadivukkarasi

Assistant Professor

Course Coordinator

Department of Biochemistry

KSRCAS

Head of the Department

HEAD Department of Biochemistry K.S.Rangasarny college of Arts & Scientile

Tiruchengode - 637 215

Principal

PRINCIPAL

K. S. Rangasamy Gollege of Arts & Science (Autonomous)

TIRUCHENGODE - 637 215

Namakkal-Dt. Tamil Nadu. INDIA.

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K.S. RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) **TIRUCHENGODE-637215**

DEPARTMENT OF BIOCHEMISTRY

CIRCULAR

Date: 29.07.2019

From

The Head

Department of biochemistry

To

All HODs

All Department Enrolled Students

It is informing you all that the certificate course on "Biochemistry and Phenomena of Life (18BCCC01)" classes will commence from 05.08.2019 at 4:15 to 5:15 PM. So, we request all the registered students to attend the classes without fail. The venue of the class is PG Laboratory (AGO2), Department of Biochemistry, K.S. Rangasamy College of Arts and Science.

Course Coordinator

CIPAL n. S. Rangasamy College of Arts & Science (Autonomous)

TIRUCHENGODE - 637 215 Namakkal-Dt, Tamil Nadu, INDIA Principal.

PRINCIPAL my College of Arts & Science

Namakkal-Dt. Tamii Nadu. INDIA.

Head of the Department

HEAD

Department of Biochemistry K.S.Rängasamy college of Arts & Science Tiruchengode - 637 215

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DEPARTMENT OF BIOCHEMISTRY

Subject Name: Biochemistry and Phenomena of Life

Course Code: 18BCCC01

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List of Candidates Willing to Join in Course (2019-2020)

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PRINCIPAL (Autonomous) TIRUCHENGODE - 637 215

Namakkal-Ot, Tamil Nadu, INDIA

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K.S. Rangasamy College of Arts and Science (Autonomous) Tiruchengode-637215

DEPARTMENT OF BIOCHEMISTRY

VALUE ADDED COURSE

The Department of Biochemistry was started in the year 1995 by offering UG course and expanded to offer PG and research courses such as M.Phil and Ph.D. The college has been promoted as an Autonomous institution in the year 2009 and the department offers various courses based on the local needs. Since 2016, the Department of Biochemistry offers certificate courses for the benefit of other department students. The Certificate Course offered by the Department of Biochemistry is

Biochemistry and Phenomena of Life

• Duration of the certificate course – 30 hours/semester

Biochemistry and Phenomena of Life

This certificate course deals with basic process of every physiological function, normal or abnormal in the living system. In addition the students to learn about basics about process of life especially to the non science students.

Course Objectives:

- → To provide the basic knowledge about Phenomena of life
- → To absolutely know how Life arise from lifeless chemicals and what makes a living being
- → Explore the impact of biochemistry on health

At the end of the certificate course, a certificate will be issued to those who successfully completed the course

K. S. Rangasamy College of Arts & Science
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TIRUCHENGODE - 637 215 Namakkal-Di, Tamil Nagu, INDIA. PRINCIPAL

Pangesamy College of Arts & Science
(Autonomous)

FIRUCHENGODE - 637 215
Namekkat-Dt. Tamil Nadu. INDIA.

18BCCC01

BIOCHEMISTRY AND PHENOMENA OF LIFE

Course Objectives:

The course aims

→ To provide the fundamental awareness about biochemistry and Phenomena of life

Total Hours: 30

UNIT	CONTENTS	HOURS OF EXECUTION
I 21	Introduction to Biochemistry: Definition, Fundamental concept of Life, Importance of Macromolecules (Carbohydrates, Lipids, Proteins and Nucleic acids) for life.	6
п	Biochemistry & Nutrition: Balanced Diet. Nutrition and associated disorders. Vegetables, Fruits and Spices as medicine. Food adulteration.	6
ш	Microbial Biochemistry: Basic microbial infections- wounds and oral infections-basic care. Food contaminants and food poisoning-basic treatment.	6
īv	Basic Diagnosis & Treatment: Blood pressure monitor, blood glucose by glucometer and pregnancy test. Treatment: First aid management in accidents and natural disasters. Basic treatment for fire accidents.	6
V	Biochemistry in Agriculture: Biofertilizers-Composition, Preparation and Applications. Organic farming-Basics and importance. Plant food poisoning-elementary details.	6
REFER	RENCES	
	Laurence A. Cole, 2016. Biology of Life: Biochemistry, Physiole Elsevier Science Publishers, ISBN: 9780128096857, 0128096853	
2	Paul C. Engel, 2010. Pain-Free Biochemistry: An Essential G Sciences. Wiley Publishers, ISBN: 9780470722961, 0470722967	duide for the Hea

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K.S. Rangasamy College of Arts & Science

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TIRUCHENGODE - 637 215 Namakkal-Dt, Tamil Nadu, INDIA

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Tiruchengode-637215

DEPARTMENT OF BIOCHEMISTRY

Subject Name: Biochemistry and Phenomena of Life

Course Code: 18BCCC01

Academic Year 2019-2020

Attendance Sheet

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K. S. Rangasamy College of Arts & Science (Autonomous) TIRUCHENGODE - 637 215

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Coordinator

Head of the Department

HEAD
Department of Biochemistry K.S.Rangasamy college of Arts & Sciencel Tiruchengode - 637 215

Principal
PRINCIPAL
K. S. Rangasamv College of Arts & Science

637 215 APPLIANT INTE

The Content of March 1997 15

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6.68.19	4.15	Fundamental concept of life.	5.08.19	\$.13	Proc. As	
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BIOCHEMISTRY AND PHENOME

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17.9.19	4.15-	Basic treatment for fire	17.9.19	4.15-	S.M. Kuy'	No.
		accidents.		1,37		
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PRINCIPAL

K. S. Rangasamy College of Arts & Science

(Autonomots)

TIRUCHENGODE - 637 215

Namakkal-Dt, Tamil Nadu, INUIA

K.S. RANGASAMY COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS) TIRUCHENGODE-637215

DEPARTMENT OF BIOCHEMISTRY

ACADEMIC YEAR: 2019-2020

COURSE CODE: 18BCCC01

CLASS: UG

COURSE NAME: Biochemistry and Phenomena of Life

MAX MARKS: 100

s.no	Reg. No	Name of the Student	Ass-I (10)	Ass-II (10)	Test (75)	Att %	Att (5)	Total (100)
- 1	18UBA003	ABISHEK, B	10	9	45	93	4	68
	18UBA007	BALAARRJUN. L	10	8	46	96	5	69
77	18UBA040	KABILAN. S	9	9	58	93	4	80
		RAJESH. P	8	8	52	100	5	73
	18UBA080	RAMASAMY. R	9	9	51	93	4	73
7.2	18UBA082	SURENDIRAN. N	8	8	53	96	5	74
-	18UBA104	DINESHKUMAR. C	7	9	54	90	4	74
	18UBT015	KEERTHANA. V	8	8	59	96	5	80
	18UBT030	LOGESHWAR. M	9	9	52	93	4	74
	18UBT034		9	8	54	96	5	76
	18UBT042	MUKILAN. S	10	10	55	96	5	80
	18UBT052	POORNIMA DEVI. M	10	10	43	96	5	68
	18UBT053	POORVISHA. J	8	9	49	93	4	70
13	18UBT060	ROHOTH. V. B		8	51	90	4	72
14	18UBT074	DOINT M.C.	19	1 10 70 100	The state of the s	86	3	84
	18UCA014	BOOBALAN. N			62		2	66
A CONTRACTOR OF THE PARTY OF TH	18UCA025	DINESHRAJA. S	FERMINA PRINCED		48	83	3	83
	18UCA030	GANESH. S	15 1. 19: 11 h		64	86		76
	18UCA051	TELL VILLE	10	9	52	100	5	64
	18UCA064	LOKESH. M	8	10	42	90	201	60
20	0 18UCA102	PRITHIVIRAJAN. V PRINCIPAL ga of Arts & Science	10	8	49	80 Rangasaniy	NCIPAL college of Art conomous)	S& SHENC

of Arts & Science

(Autonomous) TIRUCHENGODE - 637 215

21	18UCA108	RAGHUVARAN. P	7	9	57	93	4	77
22	18UCA134	SASI. S	9	8	40	83	2	59
23	18UCC047	HARIHARAN. M	10	7	49	86	3	69
24	18UCC081	MADHAVAN. S	8	9	58	90	4	79
25	18UCC086	MANOJKUMAR. S	9	7	50	86	3	69
26	18UCH007	BOOBALAN, M	10	9	54	83	2	75
27	18UCH013	DIVAKAR. S	7	8	53	93	4	72
28	18UCH017	KAVIYARASU. S	8	10	56	86	3	77
29	18UCH037	VASANTKUMAR. A	8	8	49	83	2	67
30	18UCH040	YOGESWARAN. A	10	9	42	86	3	64
31	18UEL002	ADIL ASHFAQUE. J	7	8	47	83	2	64
32	18UEL044	YUKENDRAN. V	10	9	61	100	5	85
	18UMB024	MOULI. R	7	10	52	80	2	71
34	18UMB030	RAJA SHANMATHI.S	8	8	54	83	2	72
	18UMB039	SHANMUGARAJ. D	10	9	53	86	3	75
	18UMB044	YUVANSANKAR. M	9	9	51	86	3	72
_	18UPH005	ANUROOPA. M	10	10	52	86	3	75
-	18UPH034	KOKILAVANI. K	8	8	54	86	3	73
	18UPH066	SOWMIYA. M	10	9	53	86	3	75
	18UPH037	SOWMIYA. S	8	10	57	90	4	79

Coordinator

(Dr. S. Vadivukkarasi)

Head of the Department (Dr. G. Saravanan)

HEAD

Department of Biochemistry

K.S.Rangasamy college of Arts & Science

Tiruchengode - 637 215

A

Principal
(Dr. V. Radhakrishnan)

K. S. Rangasamy College of Arts & Science

TIRUC, GODE - 637 215 Namakkai-Li. Tamii Nadu. INDIA.

PRINCIPAL

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

TIRUCHENGODE - 637 215

Namakkal-Dt. Tamit Nadw. INDIR.

K.S. Rangasamy College of Arts and Science (Autonomous) Tiruchengode-637215 DEPARTMENT OF BIOCHEMISTRY

Subject Name: Biochemistry and Phenomena of Life

Course Code: 18BCCC01

Summary of the Course

Objectives of the Course

This certificate course deals with basic process of every physiological function, normal or abnormal in the living system. In addition the students to learn about basics about process of life especially to the non science students.

- → To provide the basic knowledge about Phenomena of life
- → To absolutely know how Life arise from lifeless chemicals and what makes a living being
- → Explore the impact of biochemistry on health

No. of Participants: 40

Coordinator: Dr. S. Vadivukkarasi

Assistant Professor

Department of Biochemistry

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

Vear: 2019-2020

Branch of the Students: II UG students from the following departments

- Biotechnology
- **Business Administration**
- Chemistry
- Commerce
- **Computer Applications**
- Electronics & Communications
- Microbiology
- **Physics**

ourse Coordinator

Head of the Department

HEAD

Rangasamy College of Arts & Scientepartment of Biochemistry (Autonomous)

RINCIPAL

TIRUCHENGODE - 637 215 Rangusamy college of Arts & Science Yamakkal-Dt, Tamil Nadu. INDIA Tiruchengose - 637 215

Principal

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

Namakkal-Dt. Tamil Nadu. INDIA-

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



Certificate Course

This is to certify that	FIBISHEK.B of
II - BBH	has completed a Certificate Course
in "Biochemistry and Phenomena of Li	ife" during the academic year 2019 - 2020
conducted by the Department of Biochem	nistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengode.	

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan Principal

PRINCIPAL

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

TIRUCHENGUDE - 637 215

Namakkal-Dt. Tamil Nadu, INDIA

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



Certificate Course

This	is	to	certify	that	BALAARRJUN L 0
\mathbb{I}	-	BJ	3 1 1		has completed a Certificate Course
in "Bioc	hem	istry	and Phe	enomena	a of Life" during the academic year 2019 - 2020
conducte	d bj	the	Departm	ent of Bi	ochemistry, K.S. Rangasamy College of Arts and
Science ((Aut	onom	ous), Tir	uchenge	ode.

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator **Dr. V. Radhakrishnan Principal**

n. S. Rangasamy College of Arts & Science (Autonomous)

TIRUCHENGODE - 637 215

Namakkal-Dt. Tamil Nadu, INDIA

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



Certificate Course

This is to certify that _	KABILAN.S of
D - BBA	has completed a Certificate Course
in "Biochemistry and Phenomena of	Life" during the academic year 2019 - 2020
conducted by the Department of Bioche	emistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengode.	

Dr. G. Saravanan Head of the Department

Dr. S. VadivukkarasiCourse Coordinator

Dr. V. Radhakrishnan Principal

PRINCIPAL

A. S. Rangasamy College of Arts & Scie
(Autonomous)

TIRUCHENGODE - 637 215

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



Certificate Course

	This is	to	certify that	RAJESH P of
	I	_	BBFI	has completed a Certificate Course
1	in " Biochem	istry	and Phenome	na of Life" during the academic year 2019 - 2020
(conducted by	the	Department of	Biochemistry, K.S. Rangasamy College of Arts and
	Science (Auto	non	nous), Tiruchen	gode.

Dr. G. Saravanan

Head of the Department

Dr. S. Vadivukkarasi Course Coordinator **Dr. V. Radhakrishnan** Principal

PRINCIPAL

K. S. Rangasamy College of Arts & Science

(Autonomous)

TIRUCHENGODE - 637 215

Namakkal-Dt. Tamil Nadu, INDIA

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



Certificate Course

This is to certify that	RAMASAMY.K of
II - BBA	has completed a Certificate Course
in "Biochemistry and Phenomena of	Life" during the academic year 2019 - 2020
conducted by the Department of Bioches	mistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengode.	

Dr. G. SaravarianHead of the Department

Dr. S. Vadivukkarasi Course Coordinator **Dr. V. Radhakrishnan** Principal

A. S. Rangasamy College of Arts & Science (Autonomous)

TIRUCHENGODE 637215 Namakkal-Dt, Tamil Nadu, INDIA

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



Certificate Course

This is to certify that	SURENDIRHN N of
II - RBA	has completed a Certificate Course
in "Biochemistry and Phenom	ena of Life" during the academic year 2019 - 2020
conducted by the Department of	f Biochemistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruche	ngode.

Dr. G. Saravanan Head of the Department Dr. S. Vadivukkarasi Course Coordinator **Dr. V. Radhakrishnan** Principal

A. S. Rangasamy College of Arts & Science
(Autonomous)

TIRUCHENGODE - 637215 Namakkal-Dt. Tamil Nadu, INDIA

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



Certificate Course

This is to certify that <u>DINESHKUMAR C</u> of <u>II-B.Sc BIOTECHNOLOGY</u> has completed a Certificate Course in "Biochemistry and Phenomena of Life" during the academic year 2019 – 2020 conducted by the Department of Biochemistry, K.S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr. G. Saravanan Head of the Department

Dr. S. Vadivukkarasi Course Coordinator **Dr. V. Radhakrishnan Principal**

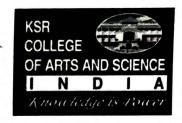
A. S. Rangasamy College of Arts & Science (Autonomous)

TIRUCHENGODE - 63/215

Namakkal-Dt. Tamil Nadu. INDIA

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



Certificate Course

This is to	certify	that	KEEF	V. HARHTS	of
II-B.Sc	BIOT	ECHN	OTOEA	_ has completed a Certifica	te Course
in "Biochemistry	and Phe	nomena	of Life" du	ring the academic year 20	19 – 2020
conducted by the	Departme	ent of Bio	chemistry, K	.S. Rangasamy College of	Arts and
Science (Autonom	ous), Tir	uchengo	de.		

Dr. G. Saravanan Head of the Department Dr. S. Vadivukkarasi
Course Coordinator

Dr. V. Radhakrishnan Principal

A. S. Rangasamy College of Arts & Scic (Autonomous)

TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu. INDIA

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



Certificate Course

This is to certify that LOGESHWHR. Dof II-B.Sc. BIOTECHNOLOGY has completed a Certificate Course in "Biochemistry and Phenomena of Life" during the academic year 2019 – 2020 conducted by the Department of Biochemistry, K.S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi
Course Coordinator

Dr. V. Radhakrishnan Principal

K. S. Rangasamy College of Arts & Scier (Autonomous)

TIRUCHENGODE - 637 215

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



Certificate Course

This	is	to	certify	that	MUKILAN S	of
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II - B.Sc BIOTECHNOLOGY has completed a Certificate Course in "Biochemistry and Phenomena of Life" during the academic year 2019 – 2020 conducted by the Department of Biochemistry, K.S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr. G. Saravanan Head of the Department

Dr. S. Vadivukkarasi
Course Coordinator

Dr. V. Radhakrishnan Principal

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

TIRUCHENGODE - 637 215 23 Namakkat-Dt. Tamil Nadu, INDIA

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



Certificate Course

This is to certify that POORNIMADEVI.D of II-B Sc BIOTECHNOLOGY has completed a Certificate Course in "Biochemistry and Phenomena of Life" during the academic year 2019 – 2020 conducted by the Department of Biochemistry, K.S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan Principal

K.S. Rangasamy College of Arts & Science

TIRUCHENGODE - 637 215

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



Certificate Course

This is to certify that POORVISHEL. J of II-B. Sc BIOTECHNOLOGY has completed a Certificate Course in "Biochemistry and Phenomena of Life" during the academic year 2019 – 2020 conducted by the Department of Biochemistry, K.S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr. G. Saravanan Head of the Department

Dr. S. Vadivukkarasi Course Coordinator Dr. V. Radhakrishnan Principal

PRINCIPAL

A. S. Rangasamy College of Arts & Science

TIRUCHENGODE - 637 215
Namakkal-Dt. Tamil Nadu, INDIA

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



Certificate Course

This is to certify that

ROHOTH . V. B

of

II - B.Sc BIOTECHNOLOGY has completed a Certificate Course

in "Biochemistry and Phenomena of Life" during the academic year 2019 - 2020

conducted by the Department of Biochemistry, K.S. Rangasamy College of Arts and

Science (Autonomous), Tiruchengode.

Dr. G. Saravanan Head of the Department

Dr. S. Vadivukkarasi
Course Coordinator

Dr. V. Radhakrishnan Principal

PRINCIPAL

1. S. Rangasamy College of Arts & Scie

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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



Certificate Course

This	is	to	certify	that		SUK	YA.	. G			of
II -	B.	Sc	BIO	TECHI	Kor	OGY H	as con	npleted	a Certifi	cate Cour	rse
in "Biocl	hemi	stry	and Phe	enomena d	of Life	during	g the	academ	ic year i	3019 – 20	20
conducted	d by	the I	Departme	ent of Bioc	hemişt	try, K.S.	Ranga	asamy	College	of Arts a	nd
Science (Auto	nom	ous), Tir	uchengode	e.						

Head of the Department

Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan Principal

A. S. Rangasamy College of Arts & Science (Autonomous)

TIRUCHENGODE - 637 215

Namakkat-Dt. Tamil Nadu. INDIA

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



Certificate Course

	This	is	to	certify	that	BOOBFILFIN . N of
	I	-	BO	C FL		has completed a Certificate Course
in '	"Biocl	iem	istry	and Phe	enomena	of Life" during the academic year 2019 - 2020
con	ducte	d by	the	Departm	ent of Bio	chemistry, K.S. Rangasamy College of Arts and
Sci	ence (Auto	nom	ous), Tir	uchengo	de.

Dr. G. Saravanan Head of the Department Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan Principal

PRINCIPAL

A. S. Rangasamy College of Arts & Scie

(Autonomous)

TIRUCHENGODE - 637 215 Namakkal-Dt. Tamil Nadu, INDIA

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



Certificate Course

This is to certify that	DINESHRAJA.S of
II - BCH	has completed a Certificate Course
in "Biochemistry and Phenomena	of Life" during the academic year 2019 - 2020
conducted by the Department of Bioc	themistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengod	'e.

Dr. G. SaravarianHead of the Department

Dr. S. Vadivukkarasi Course Coordinator **Dr. V. Radhakrishnan Principal**

A. S. Rangasamy College of Arts & Science

TIRUCHENGODE - 637 215 29 Namakkal-Dt. Tamil Nadu, INDIA

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



Certificate Course

This	is to	certify	that	<u> </u>	L.S		of
\mathbb{I}	- B	CA		has cor	mpleted a	Certificate	Course
in "Bioc.	hemistry	and Phe	nomena	of Life" during the	academic	year 2019	- 2020
conducte	d by the	Departme	ent of Bi	ochemistry, K.S. Rang	asamy Co	ollege of A	rts and
Science	(Autonon	nous), Tir	uchenge	ode.			

Dr. G. Saravanan Head of the Department

Dr. S. VadivukkarasiCourse Coordinator

Dr. V. Radhakrishnan Principal

A. S. Rangasamy College of Arts & Science (Autonomous)

TIRUCHENGODE - 63/215 Namakkal-Dt, Tamil Nadu, INDIA

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



Certificate Course

This is to certify that	KHVIN. P of
_I - BCH	has completed a Certificate Course
in "Biochemistry and Phenomena o	of Life" during the academic year 2019 - 2020
conducted by the Department of Bioch	hemistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengode	e.

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator **Dr. V. Radhakrishnan Principal**

PRINCIPAL

6. S. Rangasamy College of Arts & Science

(Autonomous)

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



Certificate Course

	This	is	to	certify	that	LOKESH . M	of
	\mathcal{I}	-	B	ÇFL		has completed a Certificate	Course
in	"Bioch	emi	stry	and Phe	nomena	of Life" during the academic year 2019	- 2020
co	nducted	d by	the .	Departme	ent of Bio	ochemistry, K.S. Rangasamy College of A	rts and
Sc	ience (A	Auto	nom	ous), Tir	uchengo	de.	

Dr. G. Saravanan
Head of the Department

Dr. S. Vadivukkarasi Course Coordinator Dr. V. Radhakrishnan Principal

K. S. Rangasamy College of Arts & Science

TIRUCHENGODE - 637 215

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



Certificate Course

This is to certify that	PRITHIVIRAJAN. V of
II - BCH	has completed a Certificate Course
in "Biochemistry and Phenomena	of Life" during the academic year 2019 - 2020
conducted by the Department of Bio	ochemistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengo	ode.

Dr. G. SaravananHead of the Department

Dr. S. VadivukkarasiCourse Coordinator

Dr. V. Radhakrishnan Principal

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

TIRUCHENGODE - 637215 Namakkal-Dt. Tamil Nadu, INDIA

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



Certificate Course

This is to certify that	RAGHUVARAN . 9 of
П - ВСН	has completed a Certificate Course
in "Biochemistry and Phenomena	a of Life" during the academic year 2019 - 2020
conducted by the Department of Bi	iochemistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchenge	ode.

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator Dr. V. Radhakrishnan Principal

K. S. Rangasamy College of Arts & Scient (Autonomous)

TIRUCHENGIDDE - 637 245 34 Namakkal-Dt. Tamil Nadu, INDIA

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



Certificate Course

This is to certify that _	SHSI.5 of
II - BCFI	has completed a Certificate Course
in "Biochemistry and Phenomena of	Life" during the academic year 2019 - 2020
conducted by the Department of Bioche	emistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengode.	

Dr. G. Saravanan Head of the Department Dr. S. Vadivukkarasi Course Coordinator Dr. V. Radhakrishnan Principal

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

TIRUCHENGODE - 637 215

35

Namakkal-Dt. Tamil Nadu. INDIA

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



Certificate Course

This is to certify that

that HARIHARAN. M

of

II - B. Com (CA)

_____ has completed a Certificate Course

in "Biochemistry and Phenomena of Life" during the academic year 2019 – 2020 conducted by the Department of Biochemistry, K.S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan
Principal

PRINCIPAL

A. S. Rangasamy College of Arts & Science

(Autonomous)

TIRUCHENGODE - 637 215 Namakkal-Dt. Tamil Nadu. INDIA

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



Certificate Course

	This	is	to	certify	that	MADHAUAN.S of
_	\mathcal{I}		\mathcal{B}	Com	(CH)	has completed a Certificate Course
in	"Biocl	hemi	istry	and Ph	enomena	of Life" during the academic year 2019 - 2020
C	onducte	d by	the .	Departm	ent of Bio	ochemistry, K.S. Rangasamy College of Arts and
S	cience (Auto	nom	ous), Tii	ruchengo	ode.

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator Dr. V. Radhakrishnan Principal

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

TIRUCHENGODE - 637215 Namakkal-Dt, Tamil Nadu, INDIA

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



Certificate Course

This is to certify that	MANOJKUMAR S of
II - B. Com (CA)	has completed a Certificate Course
in "Biochemistry and Phenomena o	of Life" during the academic year 2019 - 2020
conducted by the Department of Bioc.	hemistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengode	e.

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator Dr. V. Radhakrishnan Principal

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(Autonomous)

TIRUCHENGODE - 637 215 38

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



Certificate Course

This is to	certify that	_300	BALAN.19	of
II - B. Sc	CHEMIS	TRY	has completed a Certificate	• Course
in "Biochemistry	and Phenomena	of Life" d	uring the academic year 2019	3 – 2020
conducted by the I	Department of Bio	chemistry,	K.S. Rangasamy College of A	Arts and
Science (Autonomo	ous), Tiruchengo	de.		

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator Dr. V. Radhakrishnan Principal

n. S. Rangasamy College of Arts & Scient (Autonomous)

TIRUCHENGODE - 637 215

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



Certificate Course

This	is	to	certify	that	D	[VHXH	R.S		of
	·B	Sc	CHS	MIST	TRY	has co	ompleted	a Certificate	e Course
in "Bioc	hemi	istry	and Phe	enomena	of Life" o	during the	academi	ic year 201	9 – 2020
conducte	d by	the l	Departme	ent of Bio	ochemistry,	K.S. Ran	gasamy (College of .	Arts and
Science	(Auto	nom	ous), Tir	uchengo	de.				

Dr. G. Saravanan Head of the Department Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan Principal

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

Namakkal-Dt. Tamii Nadii. INDIA

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



Certificate Course

This is to c	ertify that	_KFI	LIYARASU.S	of
II - B.Sc	CHEMI	STRY	has completed a Cer	rtificate Course
in "Biochemistry an	nd Phenomer	na of Life" di	uring the academic yea	ur 2019 — 2020
conducted by the De	partment of E	Biochemistry, 1	K.S. Rangasamy Colleg	ge of Arts and
Science (Autonomou	s), Tirucheng	gode.		

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator Dr. V. Radhakrishnan Principal

K. S. Rangasamy College of Arts & Scie (Autonomous)

Namakkal-Dt. Tamil Nadu, INDIA

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



Certificate Course

This is to certify that UHS	SANTKUMAR.A. of
II-B.Sc CHEMISTRY	has completed a Certificate Course
in "Biochemistry and Phenomena of Life"	during the academic year 2019 - 2020
conducted by the Department of Biochemistry	, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengode.	

Dr. G. Saravanan Head of the Department Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan Principal

PRINCIPAL

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TIRUCHENGODE - 637 215 Namakkal-Dt. Tamil Nadu. INDIA

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



Certificate Course

This	is	to	certify	that	<u> </u>	ES	WAR	N.P.	H	
1.	3.	Sc	CHE	SICH	TRY	1	has comp	oleted a	Certifica	ite Course
in "Bioc.	hem	istry	and Phe	nomena	a of Life"	durin	g the ac	ademic	year 20	19 – 2020
conducte	d by	the l	Departme	ent of Bi	ochemistry,	K.S.	Rangas	amy C	ollege of	f Arts and
Science	(Auto	nom	ous), Tir	uchenge	ode.					

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator

Dr. V. RadhakrishnanPrincipal

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

TIRUCHENGODE - 637 215 Namakkal-Dt. Tamil Nadu. INDIA

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



Certificate Course

This is to certify t	hat HDIL ASHFHQUE.J of
II - BH ENGL	15H has completed a Certificate Course
in "Biochemistry and Pheno	omena of Life" during the academic year 2019 - 2020
conducted by the Departmen	t of Biochemistry, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruc	hengode.

Dr. G. Saravanan Head of the Department Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan Principal

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



Certificate Course

This is to certify that $\mathbf{Y} \mathcal{U}$.	KENDRAN. V of
II - BFI ENGLISH	has completed a Certificate Course
in "Biochemistry and Phenomena of Life"	
conducted by the Department of Biochemistry	, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengode.	

Dr. G. SaravananHead of the Department

Dr. S. VadivukkarasiCourse Coordinator

Dr. V. Radhakrishnan *Principal*

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



Certificate Course

This	İS	to	certify	that		0001	.L. J	Ĺ		of
II.	B.	Sc	DICT	ROBI	0109	<u>y</u> 1	nas comp	eleted a (Certificate	Course
in "Bioc	hemi	stry	and Phe	nomena	of Life"	durin	g the ac	ademic y	ear 2019	- 2020
conducte	d by	the l	Departme	ent of Bio	chemistry	, K.S.	Rangas	amy Col	lege of A	rts and
Science ((Auto	nom	ous), Tir	uchengo	đe.					

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator **Dr. V. Radhakrishnan** Principal

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

TIRUCHENGODE - 637 215

Namakkal-Dt. Tamil Nadu. INDIA

NARC 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



Certificate Course

This is to certify that RAJASHANDATHI.S of II-B.Sc. DICROBJOLOGY has completed a Certificate Course in "Biochemistry and Phenomena of Life" during the academic year 2019 – 2020 conducted by the Department of Biochemistry, K.S. Rangasamy College of Arts and Science (Autonomous), Tiruchengode.

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan Principal

PRINCIPAL

K. S. Rangasamy College of Arts & Science

(Autonomous)

TIRUCHENGODE - 637 215 Namakkal-Dt. Tamii Nadu. INDIA

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



Certificate Course

is to certify that SHFINDUGHRAJ.D

II - B. Sc DICROBIOLOGY has completed a Certificate Course

in "Biochemistry and Phenomena of Life" during the academic year 2019 - 2020

conducted by the Department of Biochemistry, K.S. Rangasamy College of Arts and

Science (Autonomous), Tiruchengode.

Dr. G. Saravanan

Head of the Department

Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan Principal

PRINCIPAL

A. S. Rangasamy College of Arts & Science

(Autonomous)

TIRUCHENGODE - 637 215 Namakkal-Dt. Tamil Nadu. INDIA

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



Certificate Course

This is to certify that	(UROOPH.I) of
II - B. Sc PHYSICS	has completed a Certificate Course
in "Biochemistry and Phenomena of Life"	during the academic year 2019 - 2020
conducted by the Department of Biochemistry,	K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengode.	

Dr. G. Saravanan Head of the Department **Dr. S. Vadivukkarasi**Course Coordinator

Dr. V. Radhakrishnan Principal

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

TIRUCHENGODE - 637215

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



Certificate Course

This is to	certify that	_YUV	INSANKAR.M	of
II-B.Sc	DICROBIC	JTOG7	_ has completed a Certifica	ate Course
in " Biochemistr	y and Phenomena	of Life" du	ring the academic year 20	19 – 2020
conducted by the	e Department of Bio	ochemistry, K	K.S. Rangasamy College o	f Arts and
Science (Autono:	mous), Tiruchengo	de.		

Dr. G. Saravanan Head of the Department **Dr. S. Vadivukkarasi**Course Coordinator

Dr. V. Radhakrishnan Principal

Autonomous)

TIRUCHENGODE - 637 215 Namakkal-Dt, Tamii Nadu, INDIA

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



Certificate Course

Science (Autonomous), Tiruchengod	ie.
conducted by the Department of Biod	chemistry, K.S. Rangasamy College of Arts and
in "Biochemistry and Phenomena	of Life" during the academic year 2019 - 2020
II - B.Sc PHYSICS	has completed a Certificate Course
This is to certify that	KOKILAVANI K of

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator **Dr. V. Radhakrishnan** Principal

K. S. Rangasamy College of Arts & Scier.
(Autonomous)

TIRUCHENGODE - 637 215

Namakkal-Dt. Tamil Nadu. INDIA

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



Certificate Course

This is to certify that	of CT. FLICHW	
II - B.Sc PHYSICS	has completed a Certificate Course	
in "Biochemistry and Phenomena of Life" during the academic year 2019 - 2020		
conducted by the Department of Biochemistry, K.S. Rangasamy College of Arts and		
Science (Autonomous), Tiruchengode.		

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator **Dr. V. Radhakrishnan Principal**

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

TIRUCHENGODE - 637 215

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



Certificate Course

This is to certify thatS0	of S. ALICINO
II-B.Sc PHYSICS	has completed a Certificate Course
in "Biochemistry and Phenomena of Life"	during the academic year 2019 - 2020
conducted by the Department of Biochemistry,	, K.S. Rangasamy College of Arts and
Science (Autonomous), Tiruchengode.	

Dr. G. SaravananHead of the Department

Dr. S. Vadivukkarasi Course Coordinator

Dr. V. Radhakrishnan Principal

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

TIRUCHENGODE - 637 215

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