

STUDIES ON BASIC BIOCHEMICAL ANALYSIS OF HUMAN BLOOD SAMPLES

Submitted by

M.PREETHI (171ZO024)

Under the Guidance of

Dr. M.LEKESHMNASWAMY, M.Sc., M.Phil., B.Ed., Ph.D., FSISC., FISEC.,

Principal i/c & Head



DEPARTMENT OF ZOOLOGY

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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JUNE - 2019



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Dr. K.G. Ranganathan M.S., F.I.C.S., F.I.A.G.E.S
General and Laparoscopic Surgeon.

Date : 06/06/19

TRAINING CERTIFICATE

This is to certify that **Miss.M.Preethi - 171zo024** Student of Kongunadu Arts and Science Collage, Coimbatore .(B.ScZoology) has Sucessfully Completed 15 Days Training in our Laboratory From (12.05.2019 to 25.05.2019) with Good Skills

Dr. K.G.Ranganathan. M.S., FICS.
K.G.R. Surgical Nursing Home
Sathyamangalam - 638401

Dr. K.G.RANGANATHAN MS, FICS
REGD No: 26153
SURGICAL SPECIALIST
KGR SURGICAL NURSING HOME
SATHYAMANGALAM - 638 401.

CLINICAL DIAGNOSTIC TEST FOR ANALYSIS OF VARIOUS DISORDERS IN HUMAN



Internship Report Submitted to

Kongunadu Arts and Science College (Autonomous)

Affiliated by Bharathiar University

In partial fulfilments of the requirements for the awards of the

DEGREE OF BACHELOR OF SCIENCE IN ZOOLOGY

Submitted by:

KARTHIKA.E (171ZO010)

Under the Guidance of

Dr. S. BINUKUMARI, M.Sc., M.Phil., Ph.D., M.Ed., PGDMB.,

Assistant Professor in Zoology

DEPARTMENT OF ZOOLOGY

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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Tamil Nadu, INDIA

June 2019



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Experience Certificate

This is certify that the Mr / Mrs / Miss E. KARTHIKA.....

Has been servicing in the organisation since 06.05.2017 to 22.05.2017 as Internship Trainee.....

We found him / her honest, dedicated, hard working and well behaved during his / her working period with us.

N. Doshi

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Coimbatore - 641 030

Cell : 97866 29773

**STUDIES ON BASIC BIOCHEMICAL ANALYSIS OF HUMAN
BLOOD SAMPLES**

Submitted by

G. PRASANNA DEVI(171ZO017)

Department of Zoology

Under the Guidance of

Dr. S. BINUKUMARI, M.Sc., M.Phil., Ph.D., M.Ed., PGDMB.,

Associate Professor

Department of Zoology



Kongunadu Arts and Science College

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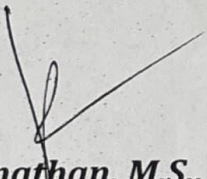
Dr. K.G. Ranganathan M.S., F.I.C.S., F.I.A.G.E.S

General and Laparoscopic Surgeon.

Date : 06/06/19

TRAINING CERTIFICATE

This is to certify that **Miss.G.Prasanna Devi - 171zo017** Student of Kongunadu Arts and Science Collage, Coimbatore . **(B.ScZoology)** has Sucessfully Completed 15 Days Training in our Laboratory From (12.05.2019 to 25.05.2019) with Good Skills


Dr. K.G.Ranganathan. M.S., FICS.
K.G.R. Surgical Nursing Home
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Dr. K.G.RANGANATHAN MS, FICS
REGD No: 26153
SURGICAL SPECIALIST
KGR SURGICAL NURSING HOME
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CLINICAL DIAGNOSTIC TEST FOR ANALYSIS OF VARIOUS DISORDERS IN HUMAN



Internship Report Submitted to

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In partial fulfilments of the requirements for the awards of the

DEGREE OF BACHELOR OF SCIENCE IN ZOOLOGY

Submitted by:

M.MALINI PRIYA(171ZO022)

Under the Guidance of

Dr. S. BINUKUMARI, M.Sc., M.Phil., Ph.D., M.Ed., PGDMB.,

Assistant Professor in Zoology

DEPARTMENT OF ZOOLOGY

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Experience Certificate

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Has been servicing in the organisation since 06.05.19 to 22.05.19 as INTERNSHIP TRAINEE

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SUMMER INTERNSHIP TRAINING (2018-2019)
CLINICAL LABORATORY TECHNIQUES

Submitted by

AYESHA SANOFAR.M (Reg.no. 171ZO008)

Under the Guidance of

Dr. P. KATHIRESWARI, M.Sc., Ph.D., PGDCA., PGDBL.,



Department of Zoology

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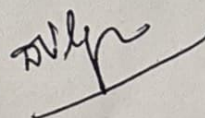
Dr. D. VIJAYAGIRI M.S.,M.Ch.,DNB.,MRCS (Edinburgh)
Consultant Paediatric, Laparoscopic & Endoscopic Surgeon

S.G.K. HOSPITAL
Parry Company Road, Kattoor,
METTUPALAYAM - 641 305.
☎ Hospital : 223832

Date :

INTERNSHIP CERTIFICATE

Miss. **M.AYESHA SANOFAR** (171ZO008) 3 rd year B.Sc Zoology
of Kongunadu Arts and Science College Coimbatore has Succesfully complete
15 days of Project Work (from May 2 nd to 16 th May 2019) in our
Establishment



Signature

SUMMER INTERNSHIP TRAINING (2018-2019)
CLINICAL LABORATORY TECHNIQUES

Submitted by
HARIPRIYA.S (Reg.no. 171ZO016)

Under the Guidance of
Dr.P.KATHIRESWARI, M.Sc., Ph.D., PGDCA., PGDBI.,



Department of Zoology
Kongunadu Arts and Science College
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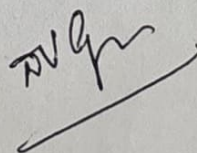
Dr. D. VIJAYAGIRI M.S.,M.Ch.,DNB.,MRCS (Edinburgh)
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Parry Company Road, Kattoor,
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☎ Hospital : 223832

Date :

INTERNSHIP CERTIFICATE

Miss. **S.Hari Priya** (171ZO016) 3 rd year B.Sc Zoology of Kongunadu
Arts and Science College Coimbatore has Succesfully complete 15 days of
Project Work (from May 2 nd to 16 th May 2019) in our Establishment



Signature

SUMMER INTERSHIP TRAINING (2018-2019)
CLINICAL LABORATORY TECHNIQUES

Submitted by
S.SWETHA(Reg.NO.171ZO018)

Department of Zoology

Under the Guidance of
DR.P.KATHIRESWARI, M.SC.,PhD.,PGDCA.,PGDBI.



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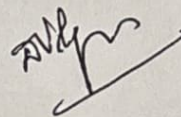
D. VIJAYAGIRI M.S.,M.Ch.,DNB.,MRCS (Edinburgh)
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S.G.K. HOSPITAL
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☎ Hospital : 223032

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INTERNSHIP CERTIFICATE

Miss . **S.Swetha** (171ZO018) 3 rd year B.Sc Zoology of Kongunadu
Arts and Science College Coimbatore has Succesfully complete 15 days of
Project Work (from May 2 nd to 16 th May 2019) in our Establishment



Signature

Summer Internship Training Report (2018-2019)

“SERICULTURE TECHNOLOGY”

Submitted to

Department of Zoology

By

T. NAVEEN KUMAR

171ZO020

Under the guidance of

Dr. P. KATHIRESWARI, M.Sc., PhD., PGDCA., PGDBI

Assistant Professor



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CERTIFICATE

This is to Certify that Naveen Kumar. T. H. 120020. II. B.Sc. Student
From Kongunadu Arts & Science College has did Internship Program
onSocioculture Technology..... From 02.05.19. To 16.05.19.



G. V. V.
Secretary

SUMMER INTERNSHIP TRAINING PROGRAMME (2018-2019)

DIAGNOSTIC TEST FOR ANALYSIS OF HUMAN BLOOD SAMPLES

DEPARTMENT OF ZOOLOGY

Submitted by

D.GOKILAMANI (171ZO019)

Under the Guidance of

Dr. S. RAJA, M.Sc., Ph.D.,

Assistant Professor



DEPARTMENT OF ZOOLOGY

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Experience Certificate

This is certify that the *Mrs / Miss D. Gokila Mani*.....

Has been servicing in the organisation since *06.05.19* as *23.05.19*.....

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G. K. M. S.

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Cell : 97866 29779

Lab Incharge

Summer Internship Training (2018-2019)
Prawn (*P. vannamei*) Hatchery Management Techniques

Submitted by

J. THOMAS (Reg. No. 171ZO029)

Department of Zoology

Under the guidance of

Dr. S. Raja. M.Sc., PhD
Assistant Professor in Zoology



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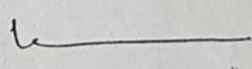
MATHA MARINE HATCHERY

Plot No: 39, Kohinoor Complex, E.C.R, Vettuvankeni, Chennai-41.
Phone: 98410-37625

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. J. Thomas [Reg no.171ZOO29] II B.Sc., Zoology of Kongunadu College of Arts and Science, Coimbatore had undergone an internship programme in an exotic species "*Littopenaeus vannamei* Shrimp hatchery operation' in my concern Matha Marine Hatchery during the period from 1.5.2019 to 15.05.2019 . He was attentive and obedient during the period

I wish him all success for his future


Dr. K. JAGADEESAN Ph.D.,
Consultant - Aquaculture
No:238 Hajiyar Nagar
Kalpakkam
Kanchipuram Dist -603 102
Cell: 8807806139

Summer Internship Training (2018-2019)

Prawn (*P. vannamei*) Hatchery Management Techniques

Submitted by

K. Arun (Reg. No. 171ZO031)

Department of Zoology

Under the guidance of

Dr. S. Raja. M.Sc., PhD
Assistant Professor in Zoology



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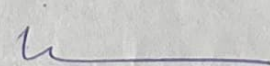
MATHA MARINE HATCHERY

Plot No: 39, Kohinoor Complex, E.C.R, Vettuvankeni, Chennai-41.
Phone: 98410-37625

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. K.Arun [Reg no.171ZOO31] II B.Sc., Zoology of Kongunadu College of Arts and Science, Coimbatore had undergone an internship programme in an exotic species “ *Litopenaeus vannamei* Shrimp hatchery operation’ in my concern Matha Marine Hatchery during the period from 1.5.2019 to 15.05.2019 . He was attentive and obedient during the period

I wish him all success for his future


Dr. K. JAGADEESAN Ph.D.,
Consultant - Aquaculture
No:238 Hajiya Nagar
Kalpakkam
Kancheepuram Dist -603 102
Cell: 8807806139

SUMMER INTERNSHIP TRAINING PROGRAMME (2018-2019)

DIAGNOSTIC TEST FOR ANALYSIS OF HUMAN BLOOD SAMPLES

DEPARTMENT OF ZOOLOGY

Submitted by

S. SASIKALA (171ZO047)

Under the Guidance of

Dr. S. RAJA, M.Sc., Ph.D.,

Assistant Professor



DEPARTMENT OF ZOOLOGY

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Experience Certificate

This is certify that the *Mr / Mrs / Miss* *S. SASIKALA*

Has been servicing in the organisation since P.K.: 05.19 to P.R.: 05.19 as *INTERNSHIP TRAINEE*

We found him / her honest, dedicated, hard working and well behaved during his / her working period with us.

R. Phoe

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SERICULTURE: AN EMERGING TECHNIQUE FOR THE PRODUCTION AND MARKETING OF THE SILK (2018-2019)

Internship Report Submitted to

Department of Zoology

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University

In partial fulfillments of the requirements for the award of the
DEGREE OF BACHELOR OF SCIENCE IN ZOOLOGY

by

RAJESWARI. R (Reg. No: 171ZO011)

Under the Guidance of

Dr. S. MANIVANNAN, M.Sc., M.Phil., Ph.D., (CSIR – NET), PGDCA., B. Ed

Assistant Professor in Zoology



DEPARTMENT OF ZOOLOGY

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JUNE - 2019



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Gandhipuram, Coimbatore - 641 012.

CERTIFICATE

This is to Certify that Rajeswarar R. I. Z. O. U. - II. B. Sc. Student

From Kongu Nadu Arts & Science College has did Internship Program

on Agriculture Technology. From 02.05.19. To 16.5.19....



G. Sundar
Secretary

SERICULTURE: AN EMERGING TECHNIQUE FOR THE PRODUCTION AND MARKETING OF THE SILK

(2018-2019)

Internship Report Submitted to

Department of Zoology

Kongunadu Arts and Science College (Autonomous)

Affiliated to Bharathiar University

In partial fulfillments of the requirements for the award of the
DEGREE OF BACHELOR OF SCIENCE IN ZOOLOGY

By

PAVITHRA. R (Reg. No: 171ZO013)

Under the Guidance of

Dr. S. MANIVANNAN, M.Sc., M. Phil., Ph.D., (CSIR – NET), PGDCA., B. Ed

Assistant Professor in Zoology



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JUNE - 2019



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CERTIFICATE

This is to Certify that Pavithra R. - B.Sc. - II Student

From Kongundla Arts & Science College has did Internship Program

on Socioculture Technology From 2.5.19 To 16.5.19.



G. Anandam
Secretary

CLINICAL DIAGNOSTIC TEST FOR ANALYSIS OF VARIOUS DISORDERS IN HUMAN (2018-2019)

Internship Report Submitted to

Department of Zoology

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Affiliated to Bharathiar University

In partial fulfillments of the requirements for the award of the
DEGREE OF BACHELOR OF SCIENCE IN ZOOLOGY

by

SANTHIYA. S (Reg. No: 171ZO051)

Under the Guidance of

Dr. S. MANIVANNAN, M.Sc., M.Phil., Ph.D., (CSIR – NET)., PGDCA., B. Ed
Assistant Professor in Zoology



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Experience Certificate

This is certify that the *Mr + Mrs / Miss S. SANTHA*.....

Has been servicing in the organisation since *05.09.2019 to 25.05.2024 as Internship Trainee*.....

We found *him / her* honest, dedicated, hard working and well behaved during *his / her* working period with us.

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Summer Internship Training (2018-2019)
Conservation principles of indigenous cattle
With reference to Bargur cattle

Submitted by
YASWANTH KUMAR.S (Reg.no.171ZO007)

Department of zoology

Under the guidance of
Dr. R. Venkitachalam
Assistant Professor in Zoology



Kongunadu Arts and Science College

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TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY

Madhavaram Milk Colony, Chennai - 600 051, Tamil Nadu, India.

BARGUR CATTLE RESEARCH STATION, BARGUR- 638 501.

Dr.A.Paramasivam. M.VSc. Ph.D.,
Associate Professor and Head

Dated: 20.05.2019

EXTERNSHIP TRAINING COMPLETION CERTIFICATE

This is to certify that **Mr.YASHWANTHKUMAR.S ID No.171ZO007 II B.Sc. (Zoology) Student**

from **Kongunadu Arts and Science College, Coimbatore** had Completed the externship program

on **“Conservation Principles of Indigenous Cattle with Special reference to**

Bargur cattle” at **Bargur Cattle Research Station (BCRS) of TANUVAS, Bargur** from

06.05.2019 to 19.05.2019 for 14 days



A. Paramasivam
20/5/19

**Associate Professor and Head,
Bargur Cattle Research Station,
Bargur.**

Summer Internship Training (2018-2019)
Conservation principles of indigenous cattle
With reference to Bargur cattle

Submitted by

HARINATH.S (Reg.no.171ZO009)

Department of zoology

Under the guidance of

Dr. R. Venkitachalam
Assistant Professor in Zoology



Kongunadu Arts and Science College

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TANUVAS

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BARGUR CATTLE RESEARCH STATION, BARGUR- 638 501.

Dr.A.Paramasivam. M.VSc. Ph.D.,
Associate Professor and Head

Dated: 03.06.2019

EXTERNSHIP TRAINING COMPLETION CERTIFICATE

This is to certify that **Mr.HARINATH.S ID No.171ZO009** II B.Sc. (Zoology) Student
from **Kongunadu Arts and Science College, Coimbatore** had Completed the externship program
on **"Conservation Principles of Indigenous Cattle with Special reference to
Bargur cattle"** at **Bargur Cattle Research Station (BCRS) of TANUVAS, Bargur** from
17.05.2019 to 30.05.2019 for 14 days



(Signature)
Associate Professor and Head,
Bargur Cattle Research Station,
Bargur.

Summer Internship Training (2018-2019)
Conservation principles of indigenous cattle
With reference to Bargur cattle

Submitted by
SREEJIT.K (Reg.no.171ZO035)

Department of zoology

Under the guidance of
Dr. R. Venkitachalam
Assistant Professor in Zoology



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Tamil Nadu, India.



TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY

Madhavaram Milk Colony, Chennai - 600 051, Tamil Nadu, India.

BARGUR CATTLE RESEARCH STATION, BARGUR- 638 501.

Dr.A.Paramasivam. M.VSc. Ph.D.,
Associate Professor and Head

Dated: 20.05.2019

EXTERNSHIP TRAINING COMPLETION CERTIFICATE

This is to certify that **Mr.SREEJIT.S ID No.171ZO035** II B.Sc. (Zoology) Student
from **Kongunadu Arts and Science College, Coimbatore** had Completed the externship program
on **“Conservation Principles of Indigenous Cattle with Special reference to
Bargur cattle”** at **Bargur Cattle Research Station (BCRS) of TANUVAS, Bargur** from
06.05.2019 to 19.05.2019 for 14 days



A. Paramasivam
20/5/19
**Associate Professor and Head,
Bargur Cattle Research Station,
Bargur.**

Summer Internship Training (2018-2019)
Conservation principles of indigenous cattle
With reference to Bargur cattle

Submitted by

KARTHIKEYAN.M (Reg.no.171ZO043)

Department of zoology

Under the guidance of

Dr. R. Venkitachalam
Assistant Professor in Zoology



Kongunadu Arts and Science College

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G.N. Mills (PO), Coimbatore - 641 029,

Tamil Nadu, India.



TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY

Madhavaram Milk Colony, Chennai - 600 051, Tamil Nadu, India.

BARGUR CATTLE RESEARCH STATION, BARGUR- 638 501.

Dated: 20.05.2019

Dr.A.Paramasivam. M.VSc. Ph.D.,
Associate Professor and Head

EXTERNSHIP TRAINING COMPLETION CERTIFICATE

This is to certify that **Mr.KARTHIKEYAN.M ID No.171ZO043** II B.Sc. (Zoology) Student
from **Kongunadu Arts and Science College, Coimbatore** had Completed the externship program
on **“Conservation Principles of Indigenous Cattle with Special reference to
Bargur cattle”** at **Bargur Cattle Research Station (BCRS) of TANUVAS, Bargur** from
06.05.2019 to 19.05.2019 for 14 days



Dr. Paramasivam
20/5/19
**Associate Professor and Head,
Bargur Cattle Research Station,
Bargur.**

JMMER INTERNSHIP TRAINING PROGRAMME (2018-2019)

**ANALYSIS OF SECONDARY
METABOLITES BY *Bacillus subtilis* AND ITS
APPLICATIONS**

Submitted by

KOUSALYA.T (171ZO021)

ANUSHA.M (171ZO041)

DEPARTMENT OF ZOOLOGY

Under the guidance of

Dr. P.BHARATHI, M.Sc., Ph.D.,

ASSISTANT PROFESSOR

DEPARTMENT OF ZOOLOGY



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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JUNE - 2019

Centre for Bioscience and Nanoscience Research (CBNR)

(Affiliated to Bharathiar University)



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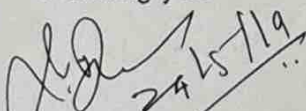
24/05/2019

Coimbatore- 21

CERTIFICATE

This is to certify that **Ms. T. Kousalya** doing Second Year B.Sc Zoology, Kongunadu Arts and Science college (Autonomous), Coimbatore - 29, Tamilnadu, Successfully completed her Summer Internship entitled "**Microbial production of Secondary metabolites and its applications**" in our Research Institute for the period of 04/05/2019 to 24/05/2019 at Centre for Bioscience and Nanoscience Research, Eachanari, Coimbatore-21, Tamilnadu, India.

Thanking you


(Dr.R.Raguathan)



JMMER INTERNSHIP TRAINING PROGRAMME (2018-2019)

**ANALYSIS OF SECONDARY
METABOLITES BY *Bacillus subtilis* AND ITS
APPLICATIONS**

Submitted by

KOUSALYA.T (171ZO021)

ANUSHA.M (171ZO041)

DEPARTMENT OF ZOOLOGY

Under the guidance of

Dr. P.BHARATHI,M.Sc., Ph.D.,

ASSISTANT PROFESSOR

DEPARTMENT OF ZOOLOGY



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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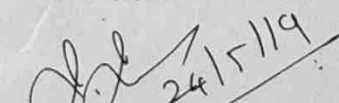
24/05/2019

Coimbatore- 21

CERTIFICATE

This is to certify that **Ms. M. Anusha** doing Second Year **B.Sc Zoology, Kongunadu Arts and Science college (Autonomous) , Coimbatore - 29, Tamilnadu** , Successfully completed her Summer Internship entitled “ **Microbial production of Secondary metabolites and its applications**” in our Research Institute for the period of **04/05/2019 to 24/05/2019** at Centre for Bioscience and Nanoscience Research, Eachanari, Coimbatore-21, Tamilnadu, India.

Thanking you


(Dr. R. Ragunathan)



Summer Internship Training (2018-2019)
YOGA: A COGNITIVE BEHAVIOURAL THERAPY

Submitted by

J . HARI PRAKASHH (Reg.no.171ZO036)

Department of zoology

Under the guidance of

Dr.P. BHARATHI M.Sc., PhD

Assistant Professor in Zoology



Kongunadu Arts and Science College

(AUTONOMOUS)

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Tamil Nadu, India.

Dr. V. Balakrishnan (Yoga Therapist)

Cell: 93447 04251
93457 11140



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www.ozoneyoga.in email : ozoneyoga@gmail.com

CERTIFICATE

This is to certify that **Mr. Hari prakashh** ID No. 171Z0036 2nd B. Sc.
(zoology) student From **Kongunadu Arts and Science College**, Coimbatore
had completed the Internship program on **Exploration of yoga is the
Neuroscience of attention and consciousness** at **Ozone Yoga Trust**,
Coimbatore from 06.05.2019 to 28.05.2019.



PRESIDENT

OZONE YOGA TRUST,

COIMBATORE

Summer Internship Training (2018-2019)

Characterisation of feather micro-characters of selected species

Southern Coucal (*Centropus sinensis parroti*)

Submitted by

S. Saravana Karuna Moorthy (Reg. No. 171ZO042)

Department of Zoology

Under the guidance of

Dr. P. Bharathi

Assistant Professor in Zoology



Kongunadu Arts and Science College

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Tamil Nadu, India.



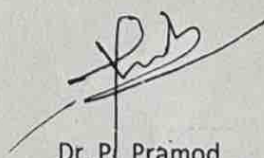
सालिम अली पक्षिविज्ञान एवं प्रकृति विज्ञान केन्द्र
SÁLIM ALI CENTRE FOR ORNITHOLOGY AND NATURAL HISTORY
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय के अधीन उत्कृष्टता का एक केंद्र, भारत सरकार
(A Centre of Excellence under the Ministry of Environment, Forests & Climate Change, Government of India)

Dr. P. Pramod
Principal Scientist

15th June 2019

Certificate

Certified that Mr. S. Saravana Karuna Moorthy, Student of BSc (II Year) Zoology in Kongu Nadu College of Arts and Science, Coimbatore, has successfully completed the internship under my supervision at SACON during the period between 02.5.2019 and 14.06.2019. During this period, he has learned methods of research in the National Avian Forensic Laboratory at SACON on various aspects of feather identification, documentation and analysis. He was serious in studies, hardworking and well behaved with the fellow lab mates during the period. I wish him all the best in his future studies.


Dr. P. Pramod

SUMMER INTERNSHIP TRAINING PROGRAMME
(2018-2019)

**ICROBIAL PRODUCTION OF SECONDARY
METABOLITES BY *Bacillus subtilis* AND ITS
APPLICATIONS**

Submitted by

SHEENU.M (171ZO037)

DEPARTMENT OF ZOOLOGY

Under the guidance of

Dr. V.MEIYALAGAN, M.Sc., Ph.D.,

ASSISTANT PROFESSOR

DEPARTMENT OF ZOOLOGY



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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JUNE - 2019

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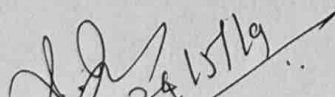
24/05/2019

Coimbatore- 21

CERTIFICATE

This is to certify that **Ms. M. Sheenu** doing Second Year B.Sc Zoology, Kongunadu Arts and Science college (Autonomous), Coimbatore - 29, Tamilnadu , Successfully completed her Summer Internship entitled “ **Microbial production of Secondary metabolites and its applications**” in our Research Institute for the period of 04/05/2019 to 24/05/2019 at Centre for Bioscience and Nanoscience Research, Eachanari, Coimbatore-21, Tamilnadu, India.

Thanking you


(Dr. R. Ragunathan)



Summer Internship Training (2018-2019)

SERICULTURE TECHNOLOGY

Submitted by

SHALINI.R.V (Reg.no.171ZO002)

Department of zoology

Under the guidance of

Dr. V. MEIYALAGAN, M.Sc., Ph.D.



Kongunadu Arts and Science College

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Tamil Nadu, India.

June - 2019



Khadi India



Handloom Mark



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Head Office : 348, 7th Street, X-cut Road,
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CERTIFICATE

This is to Certify that SHALINI R.V. - 171Z0002-II Student
From KONGUNADU ARTS & SCIENCE has did Internship Program
COLLEGE
on CULTURE TECHNOLOGY From 02.05.19 To 16.5.2019.



G. Shinde
Secretary

**SUMMER INTERNSHIP TRAINING PROGRAMME
(2018-2019)**

**CLINICAL DIAGNOSTIC PROCEDURES FOR THE
ANALYSIS OF THE COMMON DISEASES**

DEPARTMENT OF ZOOLOGY

Submitted by

K.M.SHIVA DHARSHINI(171ZO039)

Under the guidance of

Dr.V.MEIYALAGAN MSc.,Ph.D.,



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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JUNE - 2019



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Kavundampalayam, Coimbatore - 30.

Experience Certificate

This is certify that the Mr / Mrs / Miss K.M.S. SHIVA DHARSHINI.....

Has been servicing in the organisation since 05.09.2019 to 22.05.2021 as Internship Trainee.....

We found him / her honest, dedicated, hard working and well behaved during his / her working period with us.

N. D. D.

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Union Centre Road, Kavundampalayam,
Coimbatore - 641 030
Cell : 97866 29773

STUDIES ON BASIC BIOCHEMICAL ANALYSIS OF HUMAN BLOOD SAMPLES

Submitted by

S.JANANI(171ZO005)

Under the Guidance of

Dr. V . MEIYALAGAN, M.Sc., Ph.D.,

Assistant Professor



DEPARTMENT OF ZOOLOGY

INGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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General and Laparoscopic Surgeon.

Date : 06/06/19

TRAINING CERTIFICATE

This is to certify that *Miss.S.Janani* - 171zo005 Student of Kongunadu Arts and Science Collage, Coimbatore. (B.ScZoology) has Successfully Completed 15 Days Training in our Laboratory From (12.05.2019 to 25.05.2019) with Good Skills

Dr. K.G.Ranganathan. M.S., FICS.

K.G.R. Surgical Nursing Home

Sathyamangalam - 638401

Dr. K.G.RANGANATHAN MS, FICS

REGD No: 26153

SURGICAL SPECIALIST

KGR SURGICAL NURSING HOME

SATHYAMANGALAM - 638 401.

Summer Internship Training Report (2018-2019)
“SERICULTURE TECHNOLOGY”

Submitted to
Department of Zoology

By
M. GOKULAKANNAN

171ZO003

Under the Guidance of
Dr. S. BINUKUMARI, M.Sc., M.Ed., M.Phil., PhD., PGDMB

Assistant Professor



Kongunadu Arts and Science College (Autonomous)

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Head Office : 348, 7th Street, X-cut Road,
Gandhipuram, Coimbatore - 641 012.

CERTIFICATE

This is to Certify that Gokulakannan - M - 17120003 - II B.Sc - Student
From Kerapuradu Arts & Science College has did Internship Program
on Sericulture..... Technology..... From 2.5.19..... To 16.5.19.



G. Anandam
Secretary

Summer Internship Training Report (2018-2019)

“SERICULTURE TECHNOLOGY”

Submitted to

Department of Zoology

By

S. VINOTH KUMAR

171ZO014

II BSc, Zoology

Under the Guidance of

Dr. S. Rajeshkumar M.Sc., PhD.

Assistant Professor



Kongunadu Arts and Science College (Autonomous)

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Head Office : 348, 7th Street, X-cut Road,
Gandhipuram, Coimbatore - 641 012.

CERTIFICATE

This is to Certify that *Vinoth Kumar S. - 1712004 - II B.Sc. Student*

From *Kanguradu Arts & Science College* has did Internship Program

on *Serial culture Technology*. From *02.05.19* To *16.05.19*



G. Vinodh
Secretary

**SUMMER INTERNSHIP TRAINING PROGRAMME
(2018-2019)**

**CLINICAL DIAGNOSTIC PROCEDURES FOR THE
ANALYSIS OF THE COMMON DISEASES**

DEPARTMENT OF ZOOLOGY

Submitted by

L.HENAL CHRISTINA(171ZO025)

Under the guidance of

Dr.S. RAJESH KUMAR MSc., MPhil.,Ph.D.,



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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Experience Certificate

This is certify that the *Mr / Mrs / Miss A. HENAL CHRISTINA*.....

Has been servicing in the organisation since 01.05.2019 to 22.05.2022 as Internship Trainee.....

We found him / her honest, dedicated, hard working and well behaved during his / her working period with us.

N. Delli

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Coimbatore - 641103
Cell : 97866 25773

Summer Internship Training Programme (2018-2019)
"PHARMACEUTICALS FORMATIONS" at GAALLEON
PHARMACEUTICALS, COIMBATORE

Submitted by

YASIKA. M (171ZO032)

JAYA KEERTHANA. C (171ZO049)

DEPARTMENT OF ZOOLOGY

Under the guidance of

Dr. S.RAJESHKUMAR. MSc, PhD,
Assistant professor
Department of Zoology



Kongunadu Arts and Science College (Autonomous)

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JUNE - 2019

Subramaniampalayam, G. N. Mills
Coimbatore - 641 029
Cell 94878 54405, 94435 04405
E-mail : harishnava75@gmail.com



Ref

Date :

18.05.2019

INTERNSHIP TRAINING COMPLETION CERTIFICATE

This is to certify that Ms.Jeya Kerthana ID.No.171ZO049 II B.Sc.
(ZOOLOGY) student from Kongunadu Arts and Science College,
Coimbatore has completed their internship program on "Pharmaceuticals
Formulations" at Gaalleon Pharmaceuticals, Coimbatore.

From 03.05.2019 to 12.05.2019 for 10 (Ten) days.

V. Perumal
Gaalleon Pharmaceuticals
Site No: 2, Bala G. N. Mills (PO)
Subramaniampalayam, Coimbatore - 641 029

Summer Internship Training (2018-2019)

ISOLATION OF BIOACTIVE COMPOUNDS FROM *Thymus vulgaris* AND ITS ANTIOXIDANT, ANTIMICROBIAL AND ANTICANCER STUDY

Submitted by

SRINITHI.A (Reg.no. 171ZO033)

PRIYADHARSHINI.R (Reg.no.171ZO040)

Department of zoology

Under the guidance of

Dr. S.RAMAR M.Sc., PhD., PDF

Assistant Professor of Zoology



Kongunadu Arts and Science College

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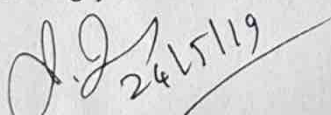
24/05/2019

Coimbatore- 21

CERTIFICATE

This is to certify that **Ms. A.Srinithi** doing Second Year B.Sc Zoology, Kongunadu Arts and Science college (Autonomous) , Coimbatore - 29, Tamilnadu , Successfully completed her Summer Internship entitled "**Study on Bioactive compounds from Thyme and its anticancer activity** " in our Research Institute for the period of **04/05/2019 to 24/05/2019** at Centre for Bioscience and Nanoscience Research, Eachanari, Coimbatore-21, Tamilnadu, India.

Thanking you


(Dr.R.Ragunathan)



**SUMMER INTERNSHIP TRAINING PROGRAMME
(2018-2019)**

**CLINICAL DIAGNOSTIC PROCEDURES FOR THE
ANALYSIS OF THE COMMON DISEASES**

DEPARTMENT OF ZOOLOGY

Submitted by

S. RAKSHANA(171ZO027)

Under the guidance of

Dr.K.VELMURUGAN MSc., M.Phil., B.Ed Ph.D.,



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

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Experience Certificate

This is certify that the ~~Mr~~ Mrs / Miss ~~S. RAKSHANA~~.....

Has been servicing in the organisation since ~~05.05.2019 to 22.05.2019~~ as ~~Inter.nal.s.p. Trainee~~.....

We found him / her honest, dedicated, hard working and well behaved during his / her working period with us.

N. Ravi
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Summer Internship Training (2018-2019)
CLINICAL LABORATORY TECHNIQUES AND
MODERN EQUIPMENTS

Submitted by
KAVIYA.K (Reg.no.171ZO044)
Department of Zoology

Under the guidance of
Dr. K. VELMURUGAN, M.Sc., M.Phil., B.Ed., Ph.D.,
Assistant Professor in Zoology



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G.N. Mills (PO), Coimbatore - 641 029,
Tamil Nadu, India.

EXTERNSHIP PROGRAM ON "CLINICAL LABORATORY TECHNIQUES WITH SPECIAL

REFERENCE TO DR. RAJA HOSPITAL KOVILPALAYAM

COIMBATORE -641107

ATTENDANCE CERTIFICATE

This is to certify that MISS.KAVIYA (R.NO-171ZO044) II B.SC (ZOOLOGY) student from Kongunadu arts and science college (Autonomous), Coimbatore had undergone the externship program at DR. RAJA HOSPITAL, KOVILPALAYAM, COIMBATORE from 01/05/2019 to 15/05/2019 for 15 days



THE DIRECTOR,

RAJA HOSPITAL,

KOVILPALAYAM,

COIMBATORE -641107

Dr. D. RAJA ELAVARASAN

M.S.MCH (URO)

CONSULTANT UROLOGIST AND ANDROLOGIST

Reg.No: 56561

SUMMER INTERNSHIP TRAINING PROGRAMME (2018-2019)

CLINICAL DIAGNOSTIC PROCEDURES FOR THE ANALYSIS OF THE COMMON DISEASES

DEPARTMENT OF ZOOLOGY

Submitted by

S. SATHYA (171ZO045)

Under the guidance of

Dr.K.VELMURUGAN MSc.,M.Phil.,B.Ed Ph.D.,



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with 'A' Grade 3.64 CGPA out of 4 (3rd Cycle),

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JUNE - 2019



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Experience Certificate

This is certify that the *Mr / Mrs / Miss* *S. Sathya*

Has been servicing in the organisation since *06.05.2019* as *22.06.2019*

We found *him / her* honest, dedicated, hard working and well behaved during *his / her* working period with us.

R. Palan

KIRUBA DIAGNOSTIC CENTRE
2-12B, KPK Shopping Centre, 1st Floor,
Union Office Road, Kavundampalayam,
Coimbatore - 641 030
Cell : 97866 29773

Lab Incharge

Summer Internship Training Programme (2018-2019)

SERICULTURE: REELING TECHNOLOGY

Submitted by

B.GUNASEELA (Reg. No 171ZO006)

Department of Zoology

Under the guidance of

Dr. M. RAMAR M.Sc., Ph.D., PDF., F.S.E.Z.R



**Kongunadu Arts and Science College
(Autonomous)**

Re-accredited by NAAC with 'A' Grade 3.64 CGPA out of 4 (3rd Cycle),

Affiliated to Bharathiar University,

G.N. Mills (PO), Coimbatore - 641 029,

Tamil Nadu, India.

JUNE 2019



Khadi India



Handloom Mark



GANDHIPURAM SARVODAYA SANGH

CERTIFIED BY KVIC, MINISTRY OF MSME, GOVT OF INDIA

Head Office : 348, 7th Street, X-cut Road,
Gandhipuram, Coimbatore - 641 012.

CERTIFICATE

This is to Certify that Gunasheel B. - 17120006 - II B.Sc. Student

From Kongunadu Arts & Science College has did Internship Program

on Sericulture Technology From 02.05.19 To 16.5.2019



G. Sundar
Secretary

Summer Internship Training - Report (2018-2019)

STUDY ON SERICULTURE TECHNOLOGY

Submitted by

Ms. K. RAMYA (Reg. No. 171ZO012)

Department of Zoology

Under the guidance of

Dr. T. Sakthivel M.Sc., Ph.D.



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Gandhipuram, Coimbatore - 641 012.

CERTIFICATE

This is to Certify that Ramya K. J. 1717002 - T.B.S. Student
From Kongunadu Arts & Science College has did Internship Program
on Socioculture Technology.. From 22.05.19. To 16.5.19....



G. V. V. V.
Secretary

Summer Internship Training Programme (2018-2019)

CLINICAL LABORATORY TECHNIQUES

Submitted by

M. SRIMATHI (171ZO028)

Under the guidance of

Dr. T. Sakthivel, M.Sc., Ph.D.

Assistant Professor

Department of Zoology



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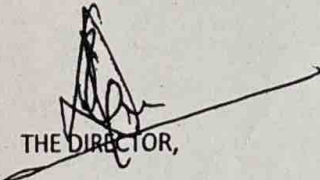
EXTERNSHIP PROGRAM ON "CLINICAL LABORATORY TECHNIQUES WITH SPECIAL

REFERENCE TO DR. RAJA HOSPITAL KOVILPALAYAM

COIMBATORE -641107

ATTENDANCE CERTIFICATE

This is to certify that MISS.SRIMATHI (R.NO-171ZO028) II B.SC (ZOOLOGY) student from Kongunadu arts and science college (Autonomous), Coimbatore had undergone the externship program at DR. RAJA HOSPITAL, KOVILPALAYAM, COIMBATORE from 01/05/2019 to 15/05/2019 for 15 days



THE DIRECTOR,

RAJA HOSPITAL,

KOVILPALAYAM,

COIMBATORE -641107

Dr. D. RAJA ELAVARASAN

M.S.MCH (URO)

CONSULTANT UROLOGIST AND ANDROLOGIST

Reg.No: 56561

Summer Internship Training - Report (2018-2019)

STUDY ON DIAGNOSTIC TESTS FOR THE ANALYSIS OF HUMAN BLOOD SAMPLE

Submitted by

Ms. G. JOTHIMALA (171ZO030)

Under the guidance of

Dr. T. Sakthivel, M.Sc., Ph.D.,

Assistant Professor,

Department of Zoology



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Tamil Nadu, India.



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labkiruba@gmail.com

2-12B, KPK Shopping Centre,
1st fl, Opp. Kalpana Kalyana Mandapam,
Kavundampalayam, Coimbatore - 30.

Experience Certificate

This is certify that the Mr / Mrs / Miss G. Jothi Mala

Has been servicing in the organisation since 01.05.19 to 22.05.19 as INTERNSHIP TRAINEE

We found him / her honest, dedicated, hard working and well behaved during his / her working period with us.

P. Anand

KIRUBA DIAGNOSTIC CENTRE
2-12B, KPK Shopping Centre, 1st Floor,
Union Office Road, Kavundampalayam,
Coimbatore - 641 030
Call : 97866 29773

Lab Incharge

Summer Internship Training - Report (2018-2019)

STUDY ON SHRIMP CULTURE

Submitted by

Mr. P. PERUMAL (171ZO038)

Department of Zoology

Under the guidance of

Dr. T. Sakthivel M.Sc., Ph.D.



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Tamil Nadu, India.



Amazing Biotech Pvt. Ltd.,

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **P.PERUMAL (171zo038)** from **Kongunadu arts and science college** did his **One Month(15/5/2019 to 15/6/2019)-Hands on training program** on **"Techniques for detection of Shrimp diseases (PCR and Rt- PCR)"** in **Amazing Biotech Pvt Ltd**, in which he was attended theory, demonstration and practical session. During the period of his training program with us, he was found sincere, attentive and hardworking.

We wish him for the success for his future endeavor.

Approved By



Dr. Balasubramanian
Director
Amazing biotech pvt ltd