

**UG-STUDENT PROJECT BSR GRANT- 2015-16 (Rs. 5000)**

S. No.	Name of the Guide	Title of the Project	Student's Name
1	Dr. P. Abirami	Irrigational Impact of dye house effluent on germination and seedling growth of some pulses.  194/2011(BSR) - 5.10.2015	Dharani, S., Karthika, V., Madheswari, S., Parimala, D., Punithanjali, T., Saradhapreetha, C. & Sarulatha, S.
2	Dr. G. Jayanthi	Histochemical Localization of <i>Cissus setosa</i> Roxb. – Stem.	Banumathi, P., Karishma, N., Meena, P., Poomani, M., Ragavi, S. & Vidhya, V.
3	Dr. S. Sharmila	Phytochemical screening and invitro antioxidant property of petroleum ether and ethsnolic leaf extract of <i>Salmalia insignis</i> (Wall) Schott. & Endl. – A Bombacaceae member.	Ananthi, P., Charulatha, S., Durganandhini, B.J., Kanimozhi, M., Shivasankari, B. & Vanitha, R.
4	Dr. C. Chitra Vadivu	Preliminary Phytochemical screening of <i>Ceropegia juncea</i> (Roxb.)	Kanaga, R., Karthika, D., Mohanapriya, E., Papitha, P., Samyuktha sre, K.R. & Soundharya, P.
5	Dr. DH. Geetha	Phytochemical studies of <i>Holigarna grahamii</i> Hook.	Kasthuri, V., Kousalya, J., Selvavinodhini, V., Sivakami, T., Snega, K. & Soundarya, K.
6	Dr.Indiramuthu Jayashree	Preliminary Phytochemical screening of <i>Lagerstromia microcarpa</i> Wt.	Kiruthiga, C.K., Nandhini shree, J.K., Noushith Banu, B., sunandha Devi, K., Suzan Praveena, D. & Vinitha,S.

**DBT-STAR COLLEGE SCHEME-PROJECT -2017-2018 III B.Sc. BOTANY**

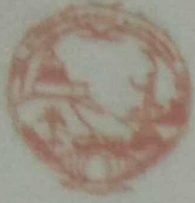
<b>GUIDE NAME</b>	<b>TITLE</b>	<b>STUDENTS NAME</b>
Dr. M. Rajeswari	<i>Tephrosia purpurea</i> Pers. Leaf extract mediated green synthesis of copper nanoparticles:A novel approach towards seed germination on <i>Vigna radiata</i> L.	G.Bhagavathi,B.Bhargavi,S.Hema & T.Priyaroshini
Dr. K. Kalaichelvi	A Pharmacobotanical study of three medicinal species of Pedaliaceae	P.Nandhini,J.Jannathul Firthous, K.M.Kaviya Sri & S.Priyadharshini
Dr.P.Kumudha	Qualitative Phytochemical and spectroscopic analysis of <i>Pavonia burchellii</i> (DC.)R.A. Dyer.	M. Bhuvanewari, M. Gayathri, M.Priya & S. Suganya
Dr. N.Anjanadevi	Ethnobotanical exploration in Bodaimalai, Dharmapuri District –Histochemical, Phytochemical screening and FTIR analysis in <i>Ehretia pubescens</i> Benth.	S.Janani sree, R.Jeevitha, K.G.Gangashri , V.Priya
Dr.P.Premamalini	An assessment of water quality parameters of two drinking water bodies in Erode District.	N.Haritha,R.Monika, R.Rangeela, F.Shakkeena
Dr. P.Abirami	Antimicrobial activity of <i>Solanum torvum</i> Swartz. and <i>Solanum pubescence</i> Willd	P.Dhivyabala. K.M.Harani, R.Suryavalmathy& M.Vaishnavi
Dr.G.Jayanthi	Histochemical Localization and Spectral Analysis of Petroleum ether and Chloroform Fractions of <i>Cleome rutidosperma</i> Wight & Arn.	M.urgadevi,. Keerthana, S.Naveena&M.Periyanayaki
Dr. S. Sharmila	Phytochemical and GC-MS analysis of bioactive compounds in <i>Lepidagathis scariosa</i> Nees. – A prostrate under shrub (Acanthaceae)	S.Mohana Priya, S. Narmatha ,S. Niveatha, & N. Sowndharya
Dr. C. Chitravadivu	Antimicrobial activity of <i>Cissus quadrangularis</i> L. and <i>Ceropegia juncea</i> Roxb.	D. Kalpana, R. Kokila, P. Sowmiya & K.Vishalini
Dr. DH. Geetha	A Study on Traditional Medicinal Plants of Sivanmalai Village, Kangayam Taluk, Tiruppur District, Tamil Nadu	L.Dhanabakkiyam, R.Kokila,V.Kumutha K.Sowmiya
Dr.Indhiramuthu Jayashree	Diversity of Medicinal Plants in the Foot Hills of Vedhagiri Hills, Erode District, Tamil Nadu, India	P.Akila,M.Nandhini, R.Pavithra & T.Sangavi

Extra

Dr. M. RAJESWARI  
ASSOCIATE PROFESSOR & HEAD,  
PG & Research Department of Botany,  
Vellalar College for Women,  
ERODE -12.



Department of Biotechnology  
Ministry of Science & Technology,  
Government of India



DBT - FUNDED STAR COLLEGE SCHEME  
STUDENT GROUP PROJECT

ON

**EFFECT OF DYE FACTORY EFFLUENT ON SEED GERMINATION  
AND GROWTH OF GREEN GRAM**

RESEARCH GUIDE

Dr. (Mrs) M.RAJESWARI, M.Sc., M.Phil., Ph.D.,  
Associate Professor & Head Department of Botany,  
Vellalar College for Women (Autonomous)  
Erode-12.

Submitted by III B.Sc., Students

K. Gunavathi

S. Mownika

D. Elanthendral

S. Jeevitha

T. Karpagam

P. Priyadharsini

T. Sangeetha

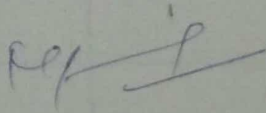
A. Maheswari

PG & RESEARCH DEPARTMENT OF BOTANY  
VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)  
ERODE-12, TAMIL NADU, INDIA

March-2016

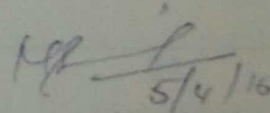
## CERTIFICATE

This is to certify that the student Group Project entitled "Effect of dye factory effluent on seed germination and growth of green gram" submitted to the DBT under Star College Scheme is a record of original work done by K.Gunavathi, S.Mownika, D. Elanthendral, S.Jeevitha, T.Karpagam, P.Priyadharsini, T.Sangeetha, A.Maheswari, III- B.Sc., Botany during 2016, in the Department of Botany at Vellalar College for Women (Autonomous), Erode, Tamil Nadu, under my supervision and guidance.



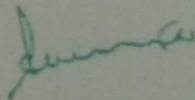
Signature of the Head of the Department

Dr. M. RAJESWARI  
ASSOCIATE PROFESSOR & HEAD,  
PG & Research Department of Botany,  
Vellalar College for Women,  
ERODE -12.

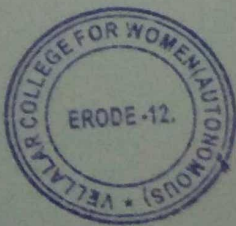


Signature of the Guide

Dr. M. RAJESWARI  
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PG & Research Department of Botany,  
Vellalar College for Women,  
ERODE -12.



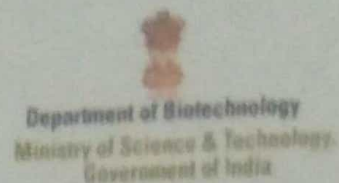
Signature of the Principal  
PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.







**DBT FUNDED STAR COLLEGE SCHEME  
STUDENT RESEARCH PROJECT**



**ON**

**ETHNOBOTANICAL SURVEY OF MEDICINAL PLANTS IN THE FOOT HILLS  
OF SATHYAMANGALUM FOREST, ERODE DISTRICT, TAMILNADU, INDIA.**

**Research Guide**

**Dr. (Mrs) K.Kalaichelvi, M.Sc., M.Phil., Ph.D.,**

**Associate Professor of Botany**

**Vellalar College for Women (Autonomous)**

**Erode-12.**

**Submitted By III B.Sc , Students**

**T.Gayathiri**

**V.Geethamani**

**V.Mayuri**

**P.Nithya**

**K.Priyadharshini**

**V.Priya**

**G.Sangavi**

**M.Surumbayee**

**PG & Research Department of Botany**

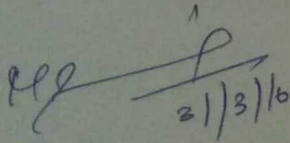
**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS) ERODE-12**

**Tamil Nadu, India**

**March -2016**

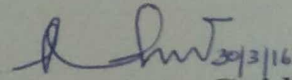
CERTIFICATE

This is to certify that the student project entitled "Ethnobotanical survey of medicinal plants in the Foot Hills of Sathyamangalum forest, Erode District, Tamil Nadu, India." submitted to the DBT funded Star College Scheme is a record of original work done by T.Gayathiri, V.Geethamani, V.Mayuri, P.Nithya, K.Priyadharshini, V.Priya, G.Sangavi and M.Surumbayee, of III – B.Sc Botany during 2016, in the Department of Botany at Vellalar College for Women (Autonomous), Erode, Tamil Nadu, under my supervision and guidance.

  
21/3/16

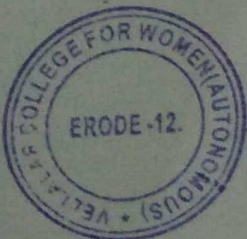
Signature of the Head of the Department

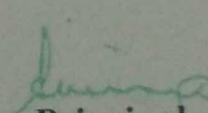
Dr. M. RAJESWARI  
ASSOCIATE PROFESSOR & HEAD,  
PG & Research Department of Botany,  
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ERODE -12.

  
20/3/16

Signature of the Guide

Dr.K. KALAICHELVI, M.Sc.,M.Phil.,Ph.D.,  
Associate Professor of Botany  
Vellalar College for Women (Autonomous)  
ERODE - 638 012.



  
Signature of the Principal

PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.





**DBT- FUNDED STAR COLLEGE  
SCHEME**



**Department of Biotechnology  
Ministry of Science & Technology,  
Government of India**

**STUDENT GROUP PROJECT**

**on**

**"PRELIMINARY QUALITATIVE PHYTOCHEMICAL SCREENING OF THE  
MEDICINAL PLANT, *ARTEMISIA ANNUA* L."**

**Research Guide**

**Dr.P.Kumudha**

**Associate Professor of Botany**

**Vellalar College for Women**

**Erode-12.**

**By**

**R. KirithigaMythrayi**

**E. Elankavi**

**K. Geetha**

**E. Priyanka**

**D. Mahalakshmi**

**P. Suganya**

**P. Kalaiyarasi**

**S. Nowmitha**

**III- B.Sc Botany**

**PG & Research Department of Botany**

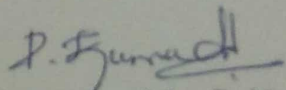
**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS) ERODE-12**

**April -2016**


CONTENTS

CERTIFICATE

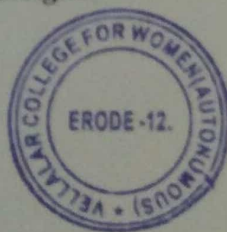
This is to certify that the student Group Project entitled "Preliminary Qualitative Phytochemical Screening of the Medicinal Plant, *ARTEMISIA ANNUA* L." submitted to the DBT funded Star College Scheme is a record of original work done by R.KirithigaMythrayi, E.Elankavi, K.Geetha, E.Priyanka, D.Mahalakshmi, P.Suganya, P.Kalaiyarasi, S.Nowmitha of III B.Sc Botany during 2016, in the Department of Botany at Vellalar College for Women (Autonomous), Erode, Tamil Nadu, under my supervision and guidance.

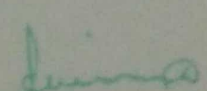
  
Signature of the Guide  
B.P. KUMUDHA  
Associate Professor,  
PG & Research, Department of Botany,  
Vellalar College for Women,  
Erode -12.

Countersigned

  
Signature of the Head of the Department

Dr. M. RAJESWARI  
ASSOCIATE PROFESSOR & HEAD,  
PG & Research Department of Botany,  
Vellalar College for Women,  
ERODE -12.



  
Signature of the Principal  
PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.





**DBT - STAR COLLEGE SCHEME  
FUNDED  
STUDENT RESEARCH PROJECT**

  
**Department of Biotechnology  
Ministry of Science & Technology,  
Government of India**

**On**

**Bioprospection of medicinal plants in Devarmalai, Erode District,  
Tamil Nadu.**

**RESEARCH GUIDE**

**Dr.N.Anjanadevi M.Sc.B.Ed, M.Phil., Ph.D.,**

**Associate Professor of Botany,**

**Vellalar College for Women (Autonomous)**

**Erode-12.**

**Submitted by III B.Sc., Students**

**S. PARIMALA**

**L. SHARMILA**

**N. RAMYA**

**E. PRIYA**

**M. GOWSALYA**

**K. SANTHIYADEVI**

**M.DURGADEVI**

**R. SRINITHI**

**PG & RESEARCH DEPARTMENT OF BOTANY**

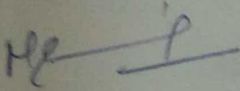
**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)**

**ERODE-12, TAMIL NADU, INDIA**

**MARCH-2016**

## CERTIFICATE

This is to certify that the Student Group Project entitled "Bioprospection of Medicinal Plants in Devarmalai, Erode District, Tamilnadu" submitted to the DBT under Star College Scheme is a record of original work done by S. Parimala, L. Sharmila, N. Ramya, E. Priya, M. Gowsalya, K. Santhiyadevi, M. Durgadevi, R. Srinithi III- B.Sc., Botany during 2016, in the Department of Botany at Vellalar College for Women (Autonomous), Erode, Tamil Nadu, under my supervision and guidance.



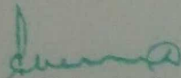
Signature of the Head of the Department

ASSOCIATE PROFESSOR & HOD,  
PG & Research Department of Botany,  
Vellalar College for Women,  
ERODE - 12.

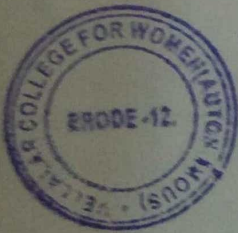


Signature of the Guide

Dr. N. ANJANA DEVI, M.Sc., B.Ed., M.Phil., Ph.D.,  
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Vellalar College for Women (Autonomous)  
Erode - 638 012.



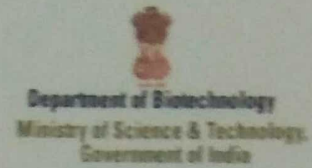
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PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.







DBTFUNDED STAR COLLEGE SCHEME  
STUDENT GROUP PROJECT



on

Perspective of soil fertility focus on different sources of organic manures on  
the growth performance of Radish (*Raphanus sativus* L.) seedlings

**Research Guide**

Dr. (Mrs) P.Premamalini, M.Sc., M.Phil., Ph.D.,

Associate Professor of Botany

Vellalar College for Women (Autonomous)

Erode-12.

Submitted By III B.Sc , Students

K. Bhavadharani Parkavi

N. Gayathri

R. Nalli,

A. Ramya

P.Bhuvaneshwari

N.Renukadevi

P.Revathi

PG & Research Department of Botany

VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)

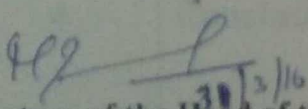
ERODE-12, TAMIL NADU, INDIA

March-2016

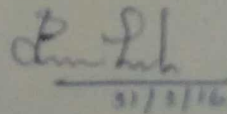


## CERTIFICATE

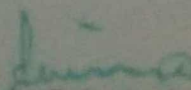
This is to certify that the student Group Project entitled "Perspective of soil fertility focus on different sources of organic manures on the growth performance of Radish (*Raphanus sativus* L.) seedlings" submitted to the DBT under Star College Scheme is a record of original work done by K. Bhavadharani Parkavi, N. Gayathri, R. Nalli, A. Ramya P. Bhuvaneshwari N. Renukadevi & P. Revathi of III – B.Sc Botany during 2016, in the Department of Botany at Vellalar College for Women (Autonomous), Erode, Tamil Nadu, under my supervision and guidance.

  
30/3/16

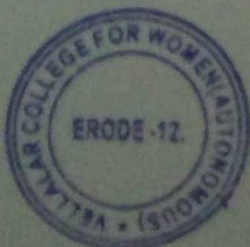
Signature of the Head of the Department

  
31/3/16

Signature of the Guide



Signature of the Principal  
PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

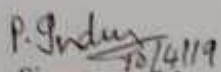
DOTE CAMPUS, CHENNAI-600 025 —

STUDENT PROJECT SCHEME 2018-2019 —

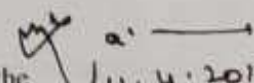
UTILISATION CERTIFICATE —

1. Name of the guide and address : Dr.(Tmt). P. INDUMATHY, M.Sc., M.Phil., Ph.D.  
Associate Professor and Head  
PG and Research Department of Foods and Nutrition  
Vellalar College for Women  
Erode-638012
2. Name of the student(s) : R.Priya-II M.Sc., Foods and Nutrition
3. Title of the project : Anti-diabetic activity of *Solanum torvum* berry  
(Sundakkai) extract and standardization of recipes using  
*Solanum torvum* berry powder
4. Project code : MS -016

It is certified that a sum of Rs. 7,500/- (Rupees Seven Thousand five hundred only )Sanctioned by the Council for carrying out above mentioned student project has been utilized for the purpose for which it was sanctioned.

  
Signature of the guide

  
Signature of the HOD

Signature of the  11.4.2019

Dr. P.Indumathy, M.Sc., M.Phil., Ph.D.,  
Associate Professor & Head,  
Department of Foods & Nutrition,  
Vellalar College For Women,  
Erode -638 012.

Dr. P.Indumathy, M.Sc., M.Phil., Ph.D.,  
Associate Professor & Head,  
Department of Foods & Nutrition,  
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Principal with Seal  
PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.

TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY  
DOTE CAMPUS, CHENNAI - 600 025

STUDENT PROJECT SCHEME 2019-2020

UTILISATION CERTIFICATE

1. Name of the guide and address: Mrs.P.Indumathy  
Associate Professor and Head  
Department of Foods and Nutrition  
Vellalar College for Women  
Erode- 638012
2. Name of the student : K.Pavithra - II M.Sc., Foods and Nutrition
3. Title of the project : Health Status of Institutionalized Postmenopausal Women in Erode District
4. Project code : SS-002

It is certified that a sum of Rs.7500 (Rupees Seven Thousand and Five Hundred only) sanctioned by the council for carrying out above mentioned student project has been utilized for the purpose for which it was sanctioned.

*P. Indumathy*  
3/19/2020  
Signature of the Guide

*P. Indumathy*  
3/19/2020  
Signature of the HOD

*S. Sankaranarayanan*  
3/19/2020  
Signature of the Principal

Dr. P.Indumathy, M.Sc., M.Phil., Ph.D.,  
Associate Professor & Head,  
Department of Foods & Nutrition,  
Vellalar College For Women,  
Erode -638 012.

Dr. P.Indumathy, M.Sc., M.Phil., Ph.D.,  
Associate Professor & Head,  
Department of Foods & Nutrition,  
Vellalar College For Women,  
Erode -638 012.

PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.





**Project Grant and Stipend paid to the following students under the scheme of XII - UGC – Basic Scientific Research (CPE)  
III installment  
2015 -16**

S.No	Name of the Guide and Designation	Department	Name of the student and class	Title of the project	Project Grant Rs.	Stipend Rs.	Total Rs.
1.	Mrs.M.Muthunagai Associate Professor & Head	Zoology	S.Nithya Priya & M.Mubeena parveen III B.Sc., Zoology	Assessment of hardness level in drinking water samples of Erode, Tiruppur and Nammakkal Districts.	4000.00	2000.00	6000.00
2.	Mrs.D.Indumathi Assistant Professor	„	P.Divya & N.Indhumathi III B.Sc.,Zoology	Rapid compost preparation from vegetable waste	4000.00	2000.00	6000.00
3.	Mrs.P.Kalaivani Assistant Professor	„	V.Ahila & M.Priyadharshini III B.Sc., Zoology	Effect of urea on the earthworm <i>Eudrilus eugeniae</i>	4000.00	2000.00	6000.00
4.	Mrs.V.S.Kavitha Assistant Professor	„	M.Kiruthika & S.Nithya III B.Sc., Zoology	Remediation of municipal waste water using <i>Azolla pinnata</i>	4000.00	2000.00	6000.00
5.	Ms.T.Kavitha Assistant Professor	„	M.Iswarya & S.Sridevi III B.Sc., Zoology	Co-composting of coconut coir pith with different organic waste	4000.00	2000.00	6000.00
<b>Total</b>					<b>20000.00</b>	<b>10000.00</b>	<b>30000.00</b>

**Departmental projects funded by DBT Star college scheme – 2019 -2020**

<b>S.No</b>	<b>Title of the project</b>	<b>Name of the Faculty</b>	<b>Name of the student</b>	<b>Amount received</b>
1	Bioactivity of selected plant essential oils against mosquito, <i>Culex quinquefasciatus</i>	Dr.D.Indumathi	G.Jeevitha, M.Mohamudha Afiya, C.Poomathi, M.Revathi, B.Sivalaxmi, V.Thilagavathi, S.Vanmathi - (III B.Sc.,Zoology) T.Elakkiya (II B.Sc., Zoology)	Rs. 4510
2	Zooplankton as the bioindicator for the assessment of water pollution in Erode	Mrs.P.Kalaivani	M.Gokila, M.Keerthana, V.Nivetha, S.Santhiya, A.Saranya, A.Subhasri (III B.Sc.,Zoology) V.Dhivya kumarai & S.Juvasavitha (II B.Sc., Zoology,)	Rs.4515
3	Herbal Control of stored grain pest, <i>Bruchus chinensis</i>	Dr.V.S.Kavitha	S.Manishaa, P.Nandhini, S.Priyanka, K.Santhiya, L.Santhiya Priya, K.Saranya, J.Sivamathi (III B.Sc., Zoology) R.Harshavardini (II B.Sc., Zoology)	Rs.4505

4	Influence of the herbicide glyphosate on soil microbial biomass and activity	Dr.M.Sangeetha	G.Dharani, R.Dhivya bharathi, M.Keerthika, K.S.Priyaharshini, M.Punitha, S.Sakthiprabha, K.Srimathi (III B.Sc., Zoology) V.Shriya (II B.Sc., Zoology)	Rs.4504
5	Potentiality of organic and inorganic fertilizers towards plant growth	Dr.M.Vimala Devi	R.Ganga, S.Indumathi, P.Mohanapriya, R.Mythily, S.Priya, R.Sathya, P.Srinithi (III B.Sc., Zoology) M.Gowthami (II B.Sc., Zoology)	Rs.4508
6	Prevalence of anemia among the adolescent females - A case study	Dr.R.Arul Priya	G.Mithra Devi, V.Sharmila, C.Soundari, M.Tharani, A.Vannamathi, M.Vinotha, P.Vinothini (III B.Sc., Zoology) S.Swathi (II B.Sc., Zoology)	Rs.4500



**ASSESSMENT OF CALCIUM LEVEL IN DIFFERENT  
WATER SAMPLES OF ERODE DISTRICT**

**PROJECT REPORT**

64

*SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS OF A  
UGC-BSR SCHEME STUDENTS PROJECT*

*By*

**SELVI.S.KOMATHI**

**SELVI.K.MYNAVATHI**

**III B.SC., ZOOLOGY**



**ADVISOR**

**MRS.M. MUTHUNAGAI, M.Sc., M.Phil,**

**Associate Professor and Head of the Department of Zoology**

**Vellalar College for Women (Autonomous), Erode-12.**

**March 2014.**

## UTILISATION CERTIFICATE

Certified that the grant of RS.6000 (Rupees Six thousand only) received from the University Grants Commission under the BSR Scheme of support for Students Project entitled **ASSESSMENT OF CALCIUM LEVEL IN DIFFERENT WATER SAMPLES OF ERODE DISTRICT** has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission.

*M. Muthunagai*

SIGNATURE OF THE

ADVISOR

**M. MUTHUNAGAI** M.Sc., M.Phil., PGDCA,  
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*U. P. 10*  
*14/3/2014*

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(AUTONOMOUS) ERODE-12.

## CONTENT

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4.	SUMMARY	10
5.	REFERENCES	11



**STUDY ON THE CHARACTERISTICS OF PERIYAKULAM**

**POND ERODE**

**PROJECT REPORT**

*SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS OF A  
UGC-BSR SCHEME STUDENTS PROJECT*

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**March 2014.**

## UTILISATION CERTIFICATE

Certified that the grant of RS.6000 (Rupees Six thousand only) received from the University Grants Commission under the BSR Scheme of support for Students Project entitled ***STUDY ON THE CHARACTREISTICS OF PERIYAKULAM POND ERODE*** has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission.

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**M. MUTHUNAGAI** M.Sc., M.Phil., PGDCA,  
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**ZOOPLANKTONIC STUDY IN RIVER WATER FOR POLLUTION  
ASSESSMENT**

**PROJECT REPORT**

*SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS OF A  
UGC-BSR SCHEME STUDENTS PROJECT*

By

**SELVI V.GEETHANJALI**

**SELVI V.R.UMADEVI**

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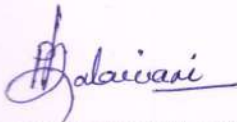
**Assistant Professor of Zoology**

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**February 2014.**

## UTILISATION CERTIFICATE

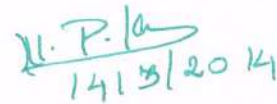
Certified that the grant of RS.6000 (Rupees Six thousand only) received from the University Grants Commission under the BSR Scheme of support for Students Project entitled **ZOOPLANKTONIC STUDY IN RIVER WATER FOR POLLUTION ASSESSMENT** has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission.



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## CONTENT

S.NO	PARTICULARS	PAGE NO.
1.	INTRODUCTION	1
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4.	DISCUSSION	7
5.	SUMMARY	9
6.	REFERENCES	10

**INFLUENCE OF FEEDS ON GROWTH PARAMETERS OF  
GUPPY FISH *Poecilia reticulata***

**PROJECT REPORT**

*Submitted in partial fulfillment for the degree of*

*Bachelor of Science in Zoology*

*of the*

**BHARATHIAR UNIVERSITY, COIMBATORE-46.**

*Submitted by*

**P.DEEPIKA**

**F.NITHYA**

**J.GOWSALYA**

**P.PRIYANKA**

**M.KIRUTHIKA**

**N.REKA**



**DEPARTMENT OF ZOOLOGY**

**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS), Erode-12.**

**College with potential for Excellence**

(Reaccredited with 'A' Grade by NAAC)

October-2014

## DECLARATION

We hereby declare that the project entitled "INFLUENCE OF FEEDS ON GROWTH PARAMETERS OF GUPPY FISH *POECILIA RETICULATA*" submitted to Bharathiar University, Coimbatore in partial fulfillment of the award of Bachelor of Science in Zoology is a record of original project work done by us in the Department of Zoology, Vellalar College for women (Autonomous), Erode -12, under the guidance of Mrs.V.S.KAVITHA, M.Sc., M.Phil., Assistant Professor in Department of Zoology, Vellalar college for women (Autonomous), Erode -12.

Name of the Candidates	Register Numbers	Signature of the Candidates
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J.GOWSALYA	12ZO007	J. Gowsalya.
M.KIRUTHIKA	12ZO010	M. Kiruthika
F.NITHYA	12ZO020	F. Nithya
P.PRIYANGA	12ZO023	P. Priyanka.
N.REKA	12ZO025	N. Reka

DATE : 17.10.2014

PLACE : ERODE

## CERTIFICATE

This is to certified that this project report is a bonafide work done by the following candidates under my guidance

P.DEEPIKA

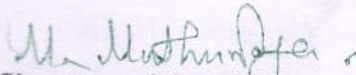
J.GOWSALYA

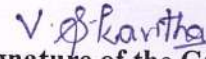
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Signature of the Principal  
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DATE : 17.10.2014

PLACE : ERODE





**INFLUENCE OF EFFECTIVE MICRO ORGANISMS ON  
COMPOSTING OF VEGETABLE WASTE**

**PROJECT REPORT**

*Submitted in partial fulfillment for the degree of Bachelor of Science in*

*ZOOLOGY of the*

**BHARATHIAR UNIVERSITY, COIMBATORE-46.**

*Submitted by*

**E.DHARANI**

**P.DIVYA**

**T.ELAKKIYA**

**N.INDHUMATHI**

**V.KEERTHANA**

**S.LAKSHMIPRIYA**

**M.PRIYADHARSHINI**

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**DEPARTMENT OF ZOOLOGY**

**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS), Erode-12.**

**College with potential for Excellence**

(Reaccredited with 'A' Grade by NAAC)

October-2015

## DECLARATION

We, hereby declare that the project entitled " INFLUENCE OF EFFECTIVE MICRO ORGANISMS ON COMPOSTING OF VEGETABLE WASTE " submitted to Bharathiar University, Coimbatore in partial fulfillment of the award of Bachelor of Science in B.Sc., Zoology is a record of original project work done by us in the Department of Zoology , Vellalar College for Women (Autonomous), Erode -12, under the guidance of Dr.(Mrs). D.INDUMATHI, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D ., Assistant Professor, Department of Zoology , Vellalar College for Women (Autonomous), Erode -12.

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SARANYA V.	13UZO038	V. Saranya

DATE : 28.10.2015

PLACE : ERODE

## CERTIFICATE

This is to certified that this project report is a bonafide work done by the following candidate  
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KEERTHANA .V

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Signature of the principal  
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(AUTONOMOUS)  
ERODE - 12.**

DATE : 28.10.2015

PLACE : ERODE





## DECLARATION

We hereby declare that the project entitled **ASSESSMENT OF HARDNESS LEVEL IN DIFFERENT DRINKING WATER SAMPLES OF ERODE, TIRUPPUR AND NAMAKKAL DISTRICTS** submitted to Bharathiar University, Coimbatore in partial fulfillment of the award of Bachelor of Science in B.Sc Zoology is a record of original project work done by us in the Department of Zoology, Vellalar College for Women(Autonomous), Erode-12, under the guidance of **Mrs. M. MUTHUNAGAI, M.Sc., M.Phil., PGDCA.,** Associate Professor and Head, Department of Zoology, Vellalar College for Women(Autonomous), Erode-12.

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R.PAVITHRA	13UZO031	R. Pavithra
E.SINDHUJA	13UZO040	E. Sindhuja
C.SOWNDHARIYA	13UZO042	C. Sowndhary

DATE : 28.10.2015

PLACE : ERODE



## CERTIFICATE

This is to certify that this project report is a bonafide work done by the following candidates under my guidance

A.AYESHA SIDDIKA

S.BANUPRIYA

M.BHARATHI

E.GANDHIMATHI

M.MUBEENAPARVEEN

S.NITHYAPRIYA

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ERODE - 12.

DATE : 28.10.2015

PLACE : ERODE



Department copy

**ASSESSMENT OF HARDNESS LEVEL IN DIFFERENT  
DRINKING WATER SAMPLES OF ERODE, TIRUPPUR AND  
NAMAKKAL DISTRICTS**

**PROJECT REPORT**

*SUBMITTED IN PARTIAL FULFILMENT FOR THE DEGREE OF BACHELOR OF  
SCIENCE IN ZOOLOGY OF THE  
BHARATHIAR UNIVERSITY, COIMBATORE-46.*

*Submitted by*

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**E.GANDHIMATHI**

**M.MUBEENAPARVEEN**

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**R.PAVITHRA**

**E.SINDHUJA**

**C.SOWNDHARIYA**



**DEPARTMENT OF ZOOLOGY**

**VELLALAR COLLEGE FOR WOMEN(AUTONOMOUS), Erode-12.**

**College with potential for Excellence**

(Reaccredited with 'A' Grade by NAAC)

October-2015

**TOXIC EFFECT OF UREA ON REPRODUCTION, BIOMASS AND  
SURVIVAL OF *Eudrilus eugeniae***

**PROJECT REPORT**

*Submitted in partial fulfillment for the degree of Bachelor of Science in*

**ZOOLOGY of the**

**BHARATHIAR UNIVERSITY, COIMBATORE-46.**

*Submitted by*

V.AHILA

C.GEETHA

P.GOKULAARTHY

M.LATHA

K.MEENAMBIGAI

M.PRIYADHARSHINI

R.SARANYA

S.SIVARANJANI



**DEPARTMENT OF ZOOLOGY**

**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS), Erode-12.**

**College with potential for Excellence**

(Reaccredited with 'A' Grade by NAAC)

October-2015



## DECLARATION

We hereby declare that the project entitled **TOXIC EFFECT OF UREA ON REPRODUCTION, BIOMASS AND SURVIVAL OF *Eudrilus eugeniae*** submitted to Bharathiar University, Coimbatore in partial fulfillment of the award of Bachelor of Science in B. Sc., Zoology is a record of original project work done by us in the Department of Zoology Vellalar College for Women (Autonomous), Erode -12, under the guidance of Mrs.P.KALAIIVANI, M.Sc., M.Phil., PGDCM., Assistant Professor in Department of Zoology, Vellalar College for Women (Autonomous), Erode -12.

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MPRIYADHARSHINI	13UZO032	M. Priyadharsini
RSARANYA	13UZO037	R. Saranya
S.SIVARANJANI	13UZO041	S. Sivarajani

DATE : 28. 10. 2015

PLACE : ERODE

**CO-COMPOSTING OF COCONUT COIR PITH WITH DIFFERENT  
ORGANIC WASTES  
PROJECT REPORT**

*Submitted in partial fulfillment for the degree of Bachelor of Science in*

**ZOOLOGY** of the

**BHARATHIAR UNIVERSITY, COIMBATORE-46.**

*Submitted by*

**P.BHUVANESHWARI**

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**S.GOWRI**

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**M.ISWARIYA**

**N.RAJIYA**

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**College with potential for Excellence**

(Reaccredited with 'A' Grade by NAAC)

October-2015

## DECLARATION

We hereby declare that the project entitled **CO-COMPOSTING OF COCONUT COIR PITH WITH DIFFERENT ORGANIC WASTES** submitted to Bharathiar University, Coimbatore in partial fulfillment of the award of Bachelor of Science in B. Sc., Zoology is a record of original project work done by us in the Department of Zoology, Vellalar College for Women (Autonomous), Erode -12, under the guidance of Ms. T. KAVITHA, M.Sc., M.Phil., B.Ed., ADCA., Assistant Professor in Department of Zoology, Vellalar College for Women (Autonomous), Erode -12 .

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PLACE : ERODE



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DATE : 28.10.2015

PLACE : ERODE



Department copy

**NUTRIENT UTILIZATION CAPACITY OF AZOLLA FROM  
MUNICIPAL WASTE WATER**

**PROJECT REPORT**

*Submitted in partial fulfillment for the degree of*

*Bachelor of Science in Zoology*

*of the*

**BHARATHIAR UNIVERSITY, COIMBATORE-46.**

*Submitted by*

**P.DEEPA**

**N.ELAVARASI**

**M.KIRUTHIKA**

**P.KOWSALYA**

**S.NITHYA**

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**College with potential for Excellence**

(Reaccredited with 'A' Grade by NAAC)

October-2015

## DECLARATION

We hereby declare that the project entitled "NUTRIENT UTILIZATION CAPACITY OF AZOLLA FROM MUNICIPAL WASTE WATER" submitted to Bharathiar University, Coimbatore in partial fulfillment of the award of Bachelor of Science in Zoology is a record of original project work done by us in the Department of Zoology, Vellalar College for women (Autonomous), Erode -12, under the guidance of Mrs.V.S.KAVITHA, M.Sc., M.Phil., Assistant Professor in Department of Zoology, Vellalar college for women (Autonomous), Erode -12.

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S.SUBHASHINI	13UZO044	<u>S. Subhashini</u>
S.SURIYA	13UZO045	<u>S. Suriya</u>

DATE : 28.10.2015

PLACE : ERODE



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M.SELVALAKSHMI

S.SUBHASHINI

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ERODE - 12.

DATE :28.10.2015

PLACE :ERODE



## CERTIFICATE

This is to certified that this project report is a bonafide work done by the following candidates under my guidance

V.AHILA

C.GEETHA

P.GOKULAARTHY

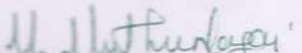
M.LATHA

K.MEENAMBIGAI


M.PRIYADHARSHINI


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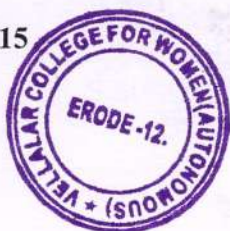
  
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Signature of the Guide

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Erode 638 012

DATE : 28.10.2015

PLACE : ERODE



# **RAPID COMPOST PREPARATION FROM VEGETABLE WASTE**

## **PROJECT REPORT**

*Submitted in partial fulfillment of the requirements of the UGC- BSR scheme Student project*

*Submitted by*

**P.Divya**

**N.Indhumathi**

**III B.Sc., Zoology**



**Advisor**

**Dr.D.Indumathi,**

Assistant Professor,

Department of Zoology

Vellalar College for Women (Autonomous), Erode-12.

'College with potential for Excellence'

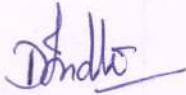
(Reaccredited with 'A' Grade by NAAC)

**February-2016**



## UTILIZATION CERTIFICATE

Certified that the grant of RS.6000 (Rupees Six thousand only) received from the University Grants Commission under the BSR Scheme of support for Students Project entitled **“RAPID COMPOST PREPARATION FROM VEGETABLE WASTE”** has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission.



Signature of the  
Advisor



Signature of the  
Principal  
PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.

**ASSESSMENT OF HARDNESS LEVEL IN DIFFERENT  
DRINKING WATER SAMPLES OF ERODE, TIRUPPUR AND  
NAMAKKAL DISTRICTS**

**PROJECT REPORT**

*SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS OF A UGC-BSR  
SCHEME STUDENTS PROJECT*

*By*

**S.NITHYA PRIYA**

**M.MUBEENAPARVEEN**

**III B.Sc., ZOOLOGY**



**ADVISOR**

**MRS.M.MUTHUNAGAI, M.Sc., M.Phil., P.G.D.C.A.,**

**Associate Professor and Head,**

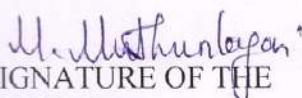
**Department of Zoology,**


**Vellalar College for Women(Autonomous), Erode-12.**

February – 2016

## UTILISATION CERTIFICATE

Certified that the grant of RS.6000 (Rupees Six thousand only) received from the University Grants Commission under the BSR Scheme of support for Students Project entitled *ASSESSMENT OF HARDNESS LEVEL IN DIFFERENT DRINKING WATER SAMPLES OF ERODE, TIRUPPUR and NAMAKKAL DISTRICTS* has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission.

  
SIGNATURE OF THE  
ADVISOR

  
SIGNATURE OF THE  
PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.





**EFFECT OF UREA ON THE EARTHWORM *EUDRILUS EUGENIAE***

**PROJECT REPORT**

*SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS OF A UGC-BSR  
SCHEME STUDENTS PROJECT*

*By*

**V.AHILA**

**M.PRIYADHARSHINI**

**III B.Sc., ZOOLOGY**



**ADVISOR**

**Mrs.P.Kalaivani, M.Sc., M.Phil., PGDCM.,**

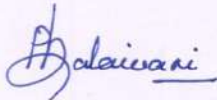
**Assistant Professor of Zoology,**

**Vellalar College for Women (Autonomous), Erode-12.**

**February – 2016**

## UTILISATION CERTIFICATE

Certified that the grant of RS.6000 (Rupees Six thousand only) received from the University Grants Commission under the BSR Scheme of support for Students Project entitled **EFFECT OF UREA ON THE EARTHWORM *EUDRILUS EUGENIAE*** has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission.



SIGNATURE OF THE  
ADVISOR





SIGNATURE OF THE  
PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.

**REMEDIATION OF MUNICIPAL WASTE WATER USING AZOLLA  
PINNATA**

**PROJECT REPORT**

*SUBMITTED IN PARTIAL FULFILMENT OF THE REQUIREMENTS OF A  
UGC-BSR SCHEME STUDENTS PROJECT*

*By*

**SELVI.M.KIRUTHIKA**

**SELVI.S.NITHYA**

**III B.Sc., ZOOLOGY**



**ADVISOR**

**Mrs.V.S.Kavitha, M.Sc., M.Phil.,**

**Assistant Professor of Zoology,**

**Vellalar College for Women (Autonomous), Erode-12.**

**February – 2016.**



## UTILISATION CERTIFICATE

Certified that the grant of RS.6000 (Rupees Six thousand only) received from the University Grants Commission under the BSR Scheme of support for Students Project entitled **REMEDICATION OF MUNICIPAL WASTE WATER USING AZOLLA PINNATA** has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission.

*V. J. Kanthas*

SIGNATURE OF THE ADVISOR



*ha*

SIGNATURE OF THE PRINCIPAL  
PRINCIPAL  
VELLALAR COLLEGE FOR WOMEN  
(AUTONOMOUS)  
ERODE - 12.

**BIOACTIVITY OF SELECTED PLANT ESSENTIAL OILS  
AGAINST MOSQUITO, *CULEX QUINQUEFASCIATUS***

**PROJECT REPORT**

*Submitted to*



**Department of Biotechnology  
Ministry of Science & Technology,  
Government of India**

**Under Star College Scheme**

*Submitted by*

**G. JEEVITHA**

**M. MOHAMUDHA AFIYA**

**C. POOMATHI**

**M. REVATHI**

**B. SIVALAXMI**

**V. THILAGAVATHI**

**S. VANMATHI**

**T. ELAKKIYA**



**DEPARTMENT OF ZOOLOGY**

**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS),  
Erode -12.**

**March-2020**

## CERTIFICATE

This is to certified that this project report is a bonafide work done by the following candidates under my guidance

G. JEEVITHA	III B.Sc., Zoology
M. MOHAMUDHA AFIYA	”
C. POOMATHI	”
M. REVATHI	”
B. SIVALAXMI	”
V.THILAGAVATHI	”
S. VANMATHI	”
T. ELAKKIYA	II B.Sc., Zoology



Signature of the HoD  
**Dr. D. INDUMATHI**  
Assistant Professor and Head,  
Department of Zoology,  
Vellalar College for Women,  
Erode - 12,



Signature of the Guide

**Dr. D. INDUMATHI**  
Assistant Professor and Head,  
Department of Zoology,  
Vellalar College for Women,  
Erode - 12.

DATE : 18.03.2020

PLACE : ERODE



## DECLARATION

We, hereby declare that the project entitled "BIOACTIVITY OF SELECTED PLANT ESSENTIAL OILS AGAINST MOSQUITO, *CULEX QUINQUEFASCIATUS*" submitted to the Department of Biotechnology- STAR College Scheme, Ministry of Science and Technology, New Delhi is a record of original project work done by us in the Department of Zoology, Vellalar College for Women (Autonomous), Erode -12, under the guidance of Dr.(Mrs). D.INDUMATHI, M.Sc., M.Phil., B.Ed., PGDCA., Ph.D., Assistant Professor and Head, Department of Zoology, Vellalar College for Women (Autonomous), Erode -12.

Name of the Candidates	Register Numbers	Signature of the Candidates
G. JEEVITHA	17UZO008	G. Jeevitha
M. MOHAMUDHA AFIYA	17UZO014	M. Mohamudha Afija
C. POOMATHI	17UZO021	C. Poomathi
M. REVATHI	17UZO026	M. Revathi
B. SIVALAXMI	17UZO035	B. Sivalaxmi
V. THILAGAVATHI	17UZO043	v. thilagavathy
S. VANMATHI	17UZO044	S. Vanmathi
T. ELAKKIYA	18UZO009	T. Elakkiya

DATE : 18.03.2020

PLACE : ERODE

# INFLUENCE OF THE HERBICIDE GLYPHOSATE ON SOIL MICROBIAL BIOMASS AND ACTIVITY

## PROJECT REPORT

*Submitted to*



Department of Biotechnology  
Ministry of Science & Technology,  
Government of India

Under Star College Scheme

*Submitted by*

G.DHARANI

M.KEERTHIKA

M.PUNITHA

K.SRIMATHI

R.DIVYA BHARATHY

K.S.PRIYAHARSHINI

S.SAKTHIPRABHA

V.SHRIYA



DEPARTMENT OF ZOOLOGY

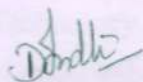
VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS),  
Erode -12.

March-2020

## CERTIFICATE

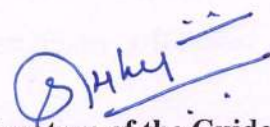
This is to certified that this project report is a bonafide work done by the following candidates under my guidance

<b>G.DHARANI</b>	<b>III B.Sc., Zoology</b>
<b>R.DIVYA BHARATHY</b>	”
<b>M.KEERTHIKA</b>	”
<b>K.S.PRIYAHARSHINI</b>	”
<b>M.PUNITHA</b>	”
<b>S.SAKTHIPRABHA</b>	”
<b>K.SRIMATHI</b>	”
<b>V.SHRIYA</b>	<b>II B.Sc., Zoology</b>



**Signature of the HoD**

**Dr. D. INDUMATHI**  
Assistant Professor and Head,  
Department of Zoology,  
Vellalar College for Women,  
Erode - 12.



**Signature of the Guide**

**Dr.M.SANGEETHA** M.Sc., M.Phil., Ph.D.  
Assistant Professor  
Department of Zoology  
Vellalar College for Women (Autonomous)  
Erode - 638 012

**DATE : 18.03.2020**

**PLACE : ERODE**



## DECLARATION

We, hereby declare that the project entitled "INFLUENCE OF THE HERBICIDE GLYPHOSATE ON SOIL MICROBIAL BIOMASS AND ACTIVITY" submitted to the Department of Biotechnology- STAR College Scheme, Ministry of Science and Technology, New Delhi is a record of original project work done by us in the Department of Zoology, Vellalar College for Women (Autonomous), Erode -12, under the guidance of **Dr.(Mrs). M.SANGEETHA, M.Sc., M.Phil., Ph.D.**, Assistant Professor, Department of Zoology, Vellalar College for Women (Autonomous), Erode -12.

Name of the Candidates	Register Numbers	Signature of the Candidates
G.DHARANI	17ZU0002	G. Dharami
R.DIVYABHARATHY	17ZU0003	R. Divya Bharathy
M.KEERTHIKA	17UZ0011	M. Keerthika
K.S.PRIYAHARSHINI	17UZ0023	K. Priya
M.PUNITHA	17UZ0025	M. Punitha
S.SAKTHIPRABHA	17UZ0027	S. Sakthi
K.SRIMATHI	17UZ0038	K. Srimali
V.SHRIYA	18UZ0032	Shriya.V

DATE : 18.03.2020

PLACE : ERODE

# POTENTIALITY OF ORGANIC AND INORGANIC FERTILIZERS IN PLANT GROWTH

## PROJECT REPORT

*Submitted to*



**Department of Biotechnology  
Ministry of Science & Technology,  
Government of India**

**Under Star College Scheme**

*Submitted by*

**R. GANGA**

**S. INDHUMATHI**

**P. MOHANA PRIYA**

**R. MYTHILY**

**S. PRIYA**

**R. SATHYA**

**P. SRINITHI**

**M. GOWTHAMI**



**DEPARTMENT OF ZOOLOGY**

**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS),  
Erode -12.**

**March-2020**

## CERTIFICATE

This is to certified that this project report is a bonafide work done by the following candidates under my guidance

R. GANGA	III B.Sc., Zoology
S. INDHUMATHI	”
P. MOHANAPRIYA	”
R. MYTHILY	”
S. PRIYA	”
R. SATHYA	”
P. SRINITHI	”
M. GOWTHAMI	II B.Sc., Zoology



Signature of the HoD

**Dr. D. INDUMATHI**  
Assistant Professor and Head,  
Department of Zoology,  
Vellalar College for Women,  
Erode - 12.



Signature of the Guide

**Dr. M. VIMALA DEVI** M.Sc., M.Phil., Ph.D.,  
Assistant Professor  
Department of Zoology  
Vellalar College for Women  
Erode-638 012.

DATE : 18.03.2020

PLACE : ERODE



### DECLARATION

We, hereby declare that the project entitled "POTENTIALITY OF ORGANIC AND INORGANIC FERTILIZERS IN PLANT GROWTH" submitted to the Department of Biotechnology - STAR College Scheme, Ministry of Science and Technology, New Delhi is a record of original project work done by us in the Department of Zoology, Vellalar College for Women (Autonomous), Erode -12, under the guidance of **Dr. (Mrs). M. VIMALA DEVI, M.Sc.,M.Phil.,B.Ed.,Ph.D.**, Assistant Professor, Department of Zoology, Vellalar College for Women (Autonomous), Erode -12.

Name of the Candidates	Register Numbers	Signature of the Candidates
R. GANGA	17UZO004	R. Ganga
S. INDHUMATHI	17UZO007	S. Indhumathi
P. MOHANAPRIYA	17UZO015	P. Mohanapriya
R. MYTHILY	17UZO018	R. Mythily
S. PRIYA	17UZO022	S. Priya
R. SATHYA	17UZO033	R. Sathya
P. SRINITHI	17UZO039	P. Srinithi
M. GOWTHAMI	18UZO011	M. Gowthami

DATE : 18.03.2020

PLACE : ERODE

# ZOOPLANKTON AS THE BIOINDICATOR FOR THE ASSESSMENT OF WATER POLLUTION IN ERODE

## PROJECT REPORT

*Submitted to*



Department of Biotechnology  
Ministry of Science & Technology,  
Government of India

**Under Star College Scheme**

*Submitted by*

M. GOKILA

A. SARANYA

M. KEERTHANA

A. SUBASRI

V. NIVETHA

V. DHIVYA KUMARI

S. SANTHIYA

S. JUVASAVITHA



**DEPARTMENT OF ZOOLOGY**

**VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS),  
Erode -12.**

**March-2020**

## DECLARATION

We, hereby declare that the project entitled "ZOOPLANKTON AS A BIOINDICATOR FOR THE ASSESSMENT OF WATER POLLUTION IN ERODE" submitted to the Department of Biotechnology- STAR College Scheme, Ministry of Science and Technology, New Delhi is a record of original project work done by us in the Department of Zoology, Vellalar College for Women (Autonomous), Erode -12, under the guidance of Mrs. P.KALAIVANI, M.Sc., M.Phil., Assistant Professor, Department of Zoology, Vellalar College for Women (Autonomous), Erode -12.

Name of the Candidates	Register Numbers	Signature of the Candidates
M. GOKILA	17UZO005	M. Gokila
M. KEERTHANA	17UZO010	M. Keerthana
V. NIVETHA	17UZO020	V. Nivetha
S. SANTHIYA	17UZO029	S. Santhiya
A. SARANYA	17UZO031	A. Saranya
A. SUBASRI	17UZO040	A. Subasri
V. DHIVYA KUMARI	18UZO006	V. Dhivya Kumari
S. JUVASAVITHA	18UZO016	S. Juvavitha

DATE : 18.03.2020

PLACE : ERODE



## CERTIFICATE

This is to certified that this project report is a bonafide work done by the following candidates under my guidance

M. GOKILA	III B.Sc., Zoology
M. KEERTHANA	"
V. NIVETHA	"
S. SANTHIYA	"
A. SARANYA	"
A. SUBASRI	"
V. DHIVYA KUMARI	II B.Sc., Zoology
S. JUVASAVITHA	"

Signature of the HoD  
**Dr. D. INDUMATHI**  
Assistant Professor and Head,  
Department of Zoology,  
Vellalar College for Women,  
Erode - 12.

Signature of the Guide  
**P. KALAVANI M.Sc., M.Phil.,**  
Assistant Professor  
Department of Zoology  
Vellalar College for Women  
Erodc-638 012.

DATE : 18.03.2020

PLACE : ERODE

# PREVALENCE OF ANEMIA AMONG THE ADOLESCENT FEMALES – A CASE STUDY

## PROJECT REPORT

*Submitted to*



Department of Biotechnology  
Ministry of Science & Technology,  
Government of India

Under Star College Scheme

*Submitted by*

V. SHARMILA

P. VINOETHINI

V. MITHRADEVI

C. SOUNDARI

M. THARANI

A. VANNAMATHI

M. VINOETHA

S. SWATHI



DEPARTMENT OF ZOOLOGY

VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS),  
Erode-12.

March-2020

## DECLARATION

We, hereby declare that the project entitled "PREVALENCE OF ANEMIA AMONG THE ADOLESCENT FEMALES – A CASE STUDY" submitted to the Department of Biotechnology- STAR College Scheme, Ministry of Science and Technology, New Delhi is a record of original project work done by us in the Department of Zoology, Vellalar College for Women (Autonomous), Erode -12, under the guidance of Dr. (Mrs). R. ARUL PRIYA B.Ed., Ph.D., Assistant Professor, Department of Zoology, Vellalar College for Women (Autonomous), Erode -12.

Name of the Candidates	Register Numbers	Signature of the Candidates
V. SHARMILA	17UZO034	V. Sharmila
P. VINOTHINI	17UZO048	P. Vinothini
V. MITHRADEVI	17UZO013	V. Mithradevi
C. SOUNDARI	17UZO037	C. Soundari
M. THARANI	17UZO042	M. Tharani
A. VANNAMATHI	17UZO045	A. Vannamathi
M. VINOETHA	17UZO047	M. Vinotha
S. SWATHI	18UZO040	S. Swathi

DATE : 18.03.2020

PLACE : ERODE



## CERTIFICATE

This is to certified that this project report is a bonafide work done by the following candidates under my guidance

V. SHARMILA	III B.Sc., Zoology
P. VINOTHINI	”
V. MITHRADEVI	”
C. SOUNDARI	”
M. THARANI	”
A. VANNAMATHI	”
M. VINOTHA	”
S. SWATHI	II B.Sc., Zoology

Signature of the HoD

**Dr. D. INDUMATHI**  
Assistant Professor and Head,  
Department of Zoology,  
Vellalar College for Women,  
Erode - 12.

Signature of the Guide  
**Dr. R. ARUL PRIYA**  
Assistant Professor of Zoology,  
Vellalar College for Women,  
ERODE - 12.

DATE : 18.03.2020

PLACE : ERODE

**HERBAL CONTROL OF STORED GRAIN PEST, *BRUCHUS*  
*CHINESIS LINNAEUS***

**PROJECT REPORT**

*Submitted to*



**Department of Biotechnology  
Ministry of Science & Technology,  
Government of India**

**Under Star College Scheme**

*Submitted by*

**S.MANISHAA**

**P. NANDHINI**

**S. PRIYANKA**

**K. SANTHIYA**

**L.SANTHIYA PRIYA**

**K. SARANYA**

**J.SIVAMATHI**

**R. HARSHA VARDINI**




**DEPARTMENT OF ZOOLOGY  
VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS),  
Erode -12.**

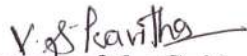
**March-2020**

## CERTIFICATE

This is to certified that this project report is a bonafide work done by the following candidates under my guidance

S.MANISHAA	III B.Sc., Zoology
P. NANDHINI	”
S. PRIYANKA	”
K. SANTHIYA	”
L.SANTHIYA PRIYA	”
K. SARANYA	”
J.SIVAMATHI	”
R. HARSHA VARDINI	II B.Sc., Zoology

  
Signature of the HoD  
**Dr. D. INDUMATHI**  
Assistant Professor and Head,  
Department of Zoology,  
Vellalar College for Women,  
Erode - 12.

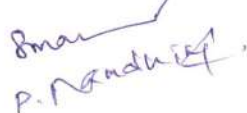
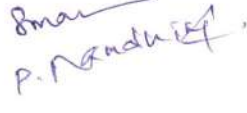
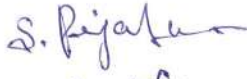
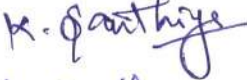




  
Signature of the Guide  
**Dr. V/S. KAVITHA**  
Assistant Professor  
Department of Zoology  
Vellalar College for Women  
Erode-638 012.

DATE : 18.03.2020

PLACE : ERODE

## DECLARATION

We, hereby declare that the project entitled “ **HERBAL CONTROL OF STORED GRAIN PEST, *BRUCHUS CHINESIS LINNAEUS*** ” submitted to the Department of Biotechnology- STAR College Scheme, Ministry of Science and Technology, New Delhi is a record of original project work done by us in the Department of Zoology, Vellalar College for Women (Autonomous), Erode -12, under the guidance of **Dr. (Mrs). V.S.KAVITHA M.Sc., M.Phil., Ph.D.**, Assistant Professor, Department of Zoology, Vellalar College for Women (Autonomous), Erode -12.

Name of the Candidates	Register Numbers	Signature of the Candidates
S.MANISHAA	17UZO012	
P. NANDHINI	17UZO019	
S. PRIYANKA	17UZO024	
K. SANTHIYA	17UZO028	
L.SANTHIYA PRIYA	17UZO030	
K. SARANYA	17UZO032	
J.SIVAMATHI	17UZO036	
R. HARSHA VARDINI	18UZO012	

DATE : 18.03.2020

PLACE : ERODE