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MSc ENVIRONMENTAL SCIENCE

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CERTIFICATE

This is to certify that "MONITORING WATER QUALITY AND HEAVY METAL SEQUESTRATION: SPIRODELA POLYRHIZA AS A NATURAL REMEDIATION TOOL IN ASHTAMUDI LAKE; RAMSAR SITE IN SOUTH-WEST COAST OF INDIA" is an authentic record of research work done by Ms. ARSHA. S, REG NO. 61522138003 under my supervision and guidance in the Department of Environmental Sciences, St. John's College, Anchal and that no part thereof has been presented for any other degree, diploma of associateship, fellowship or other similar title or recognition in any University.

Counter Signed by:

Dr. Kaladevi

(Head of the Department) Ed, Mphil, Ph.D
Assistant Professor & HoD
PG & Research Dept. of Environmental Sciences
St. John's College, Anchal



Dr. Anila George

Dr. ANILA GEORGE M.Sc. M.Phil. Ph.D.
(Supervising Teacher)
Assistant Professor
Dept. of Environmental Sciences
St. John's College, Anchal

Dr. Salom Gyana Thangaraj

CERTIFICATE

Dr Kala Devi V

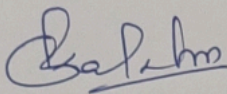
Assistant Professor

P.G and research department of environmental science

St. John's college Anchal

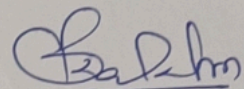
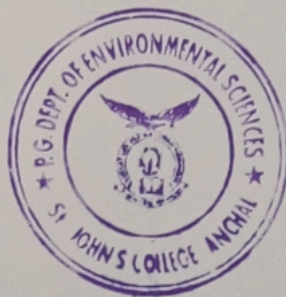
This is to certify that "INVESTIGATING THE VITAL ROLE OF MOSSES IN ENVIRONMENTAL PROTECTION AND POLLUTION MITIGATION" is an authentic record of research work done by Ms. ANJALI.G, REG NO. 61522138001 under my supervision and guidance in the P.G and research department of environmental science, St. John's college, Anchal and that no part thereof has been presented for any other degree, diploma of associateship, fellowship or other similar title or recognition in any University.

Counter signed by



(Head of Department)

Dr. KALADEVI V M.Sc, B.Ed, Mphil, Ph.D
Assistant Professor & HoD
PG & Research Dept. of Environmental Sciences
St. John's College, Anchal



Dr Kala Devi V

(Supervising teacher)

CERTIFICATE

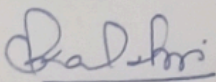
Dr Kaladevi. V

Assistant Professor and HOD

PG & Research Department of Environmental Science,
St John's College, Anchal

This is to certify that “**BIOMONITORING OF AN EXOTIC WEED *Pueraria phaseoloides* AND ASSESSING THEIR IMPACT ON NATIVE ECOSYSTEM**” is an authentic record of research work done by Ms. **LAKSHMI PRADEEP**, REG NO. **61522138007** under my supervision and guidance in the Department of Environmental Sciences, St. John's College, Anchal and that no part thereof has been presented for any other degree, diploma of associateship, fellowship or other similar title or recognition in any University.

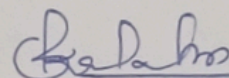
Counter Signed by:



Dr Kaladevi. V

(Head of the Department)

Dr. KALADEVI V M.Sc., B.Ed., Mphil., Ph.D
Assistant Professor & HoD
PG & Research Dept. of Environmental Sciences
St. John's College, Anchal



(Supervising Teacher)

CERTIFICATE

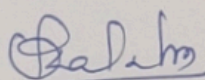
Dr Kaladevi. V

Assistant Professor and HOD

PG & Research Department of Environmental Science,
St John's College, Anchal

This is to certify that **"INVESTIGATING THE ROLE OF SOIL ORGANIC MATTER REGULATING NUTRIENT CYCLES IN DIFFERENT AGRICULTURAL PRACTICES"** is an authentic record of research work done by Ms. **SRUTHI. C.P**, REG NO. **61522138011** under my supervision and guidance in the Department of Environmental Sciences, St. John's College, Anchal and that no part thereof has been presented for any other degree, diploma of associateship, fellowship or other similar title or recognition in any University.

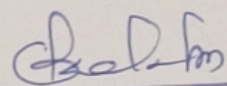
Counter Signed by:



Dr Kaladevi. V

(Head of the Department)

Dr. KALADEVI V M.Sc, B.Ed, Mphil, Ph.D
Assistant Professor & HoD
PG & Research Dept. of Environmental Sciences
St. John's College, Anchal



(Supervising Teacher)

ES 535: PROJECT WORK

COURSE OUTCOMES:

On completion of the course, the students will be able to:

Course Outcome No.	Course Outcome	Taxonomic Level
CO 1	Conduct literature survey on a given topic	Ap
CO 2	Perform meticulous planning of lab work	Cr
CO 3	Demonstrate precision and practical skills	Ap
CO 4	Perform statistics in the data acquired	Ap
CO 5	Express the results and justify it with suitable scientific discussion	Cr
CO 6	Prepare a well-structured dissertation	Cr

An original research work on a selected topic is to be undertaken by each student under the guidance of a supervising teacher. The work is to be started in III semester and continued to IV semester. Submit the same as the project report at the end of IV semester.

STUDY TOUR AND REPORT:

Study tour for five days to environmentally significant sites or hot spots. It includes field and institutional visits. They should submit a detailed report of field work at the time of practical examination of semester IV. Submission of field report is mandatory.

ES 545: COMPREHENSIVE VIVA-VOCE & INTERNSHIP

INDUSTRIAL INDUCTION TRAINING PROGRAMME OF DURATION TWO WEEKS TO ONE MONTH IS TO BE UNDERTAKEN BY STUDENTS DURING III/IV SEMESTERS. A REPORT OF INTERNSHIP NEEDS TO BE SUBMITTED. THIS IS MANDATORY FOR ATTENDING FOURTH SEMESTER PRACTICAL EXAMINATION.

Dr Anila George M.Sc. M. Phil. Ph. D
Assistant Professor



P G Department of Environmental Sciences
St John's College Anchal
0475 - 2273326 (O)
Mobile: 94969195458
Email: anilageorge44@gmail.com

CERTIFICATE

This is to certify that "ASSESSMENT OF WATER QUALITY PARAMETERS AND HEAVY METALS CONCENTRATION IN PARAVOOR MANGROVE ECOSYSTEM" is an authentic record of research work done by Ms ZAINABA SIYAD, REG NO. 61522138014 under my supervision and guidance in the Department Environmental Sciences, St John's College, Anchal and that no part thereof has been presented for any other Degree, Diploma of Associateship, Fellowship or other similar title or recognition in any University.

Counter signed by

Dr Kaladevi V.

(Head of the Department)

Dr. KALADEVI V M.Sc, B.Ed, Mphil, Ph.D
Assistant Professor & HoD
PG & Research Dept. of Environmental Sciences
St. John's College, Anchal




Dr ANILA GEORGE

(Supervising Teacher)

Dr. ANILA GEORGE M.Sc;M.Phil,Ph.D.
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