

KERALA STATE BIODIVERSITY BOARD

Certificate

This is to certify that Ms/Mr..... **KAVYA K, ALL SAINTS' COLLEGE**.....
.....**TRIVANDRUM**..... has successfully completed his/her internship for **2 weeks** in **2024**.....
at the **Kerala State Biodiversity Board**, Thiruvananthapuram.


Chairman

Dr. N. ANIL KUMAR
Chairman
Kerala State Biodiversity Board
Thiruvananthapuram




Member Secretary

Dr. V. Balakrishnan
Member Secretary
Kerala State Biodiversity Board
Kowdiar, Thiruvananthapuram



KERALA STATE BIODIVERSITY BOARD

Certificate

This is to certify that Ms/Mr...**SHARANYA : K**..., **ALL SAINTS' COLLEGE**,
.....**TRINANDRUM**.....has successfully completed his/her internship for **2 weeks**... in **2024**.....
at the **Kerala State Biodiversity Board**, Thiruvananthapuram.


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Member Secretary

Dr. V. Balakrishnan
Member Secretary
Kerala State Biodiversity Board
Kowdiar, Thiruvananthapuram

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Certificate

This is to certify that Ms/Mr.....**VARSHA.P.,**.....**ALL SAINTS' COLLEGE,**.....
.....**TRIVANDRUM**.....has successfully completed his/her internship for **2 weeks**.. in **2024**.....
at the **Kerala State Biodiversity Board**, Thiruvananthapuram.


Chairman




Member Secretary

Dr. V. Balakrishnan
Member Secretary
Kerala State Biodiversity Board
Kowdiar, Thiruvananthapuram

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Certificate

This is to certify that Ms/Mr.....**SREEGOURI K V , ALL SAINTS' COLLEGE,**
.....**TRIVANDRUM**.....has successfully completed his/her internship for **2 weeks** in **2024**
at the **Kerala State Biodiversity Board**, Thiruvananthapuram.



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Chairman
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Thiruvananthapuram



Member Secretary

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Member Secretary
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Kowdiar, Thiruvananthapuram

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Certificate

This is to certify that Ms/Mr.....**ARYA: K.V....., ALL SAINTS' COLLEGE.....**
.....**TRIVANDRUM**.....has successfully completed his/her internship for **..2 weeks..** in **..2024..**
at the **Kerala State Biodiversity Board, Thiruvananthapuram.**


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Member Secretary
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Certificate

This is to certify that Ms/Mr.....**NGETHU.S.S.,.....ALL SAINTS' COLLEGE,**.....
.....**TRIVANDRUM**.....has successfully completed his/her internship for **2 weeks** in **2024**.....
at the **Kerala State Biodiversity Board, Thiruvananthapuram.**



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Chairman
Kerala State Biodiversity Board
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Member Secretary

Dr. V. Balakrishnan
Member Secretary
Kerala State Biodiversity Board
Kowdiar Thiruvananthapuram

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Certificate

This is to certify that Ms/Mr.....**ARSHAJNANA . R. , ALL SAINTS' COLLEGE,**.....
.....**TRIVANDRUM**.....has successfully completed his/her internship for **2 weeks** in **2024**.....
at the **Kerala State Biodiversity Board**, Thiruvananthapuram.


Chairman

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Chairman
Kerala State Biodiversity Board
Thiruvananthapuram




Member Secretary

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Member Secretary
Kerala State Biodiversity Board
Kowdiar, Thiruvananthapuram

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Certificate

This is to certify that Ms/Mr. **ANSILA SHAGEER**, **ALL SAINTS' COLLEGE**.....
.....**TRIVANDRUM**.....has successfully completed his/her internship for **2 weeks**... in **2024**.....
at the **Kerala State Biodiversity Board, Thiruvananthapuram**.


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Chairman
Kerala State Biodiversity Board
Thiruvananthapuram




Member Secretary

Dr. V. Balakrishnan
Member Secretary
Kerala State Biodiversity Board
Kowdiar, Thiruvananthapuram

KERALA STATE BIODIVERSITY BOARD

Certificate

This is to certify that Ms/Mr.....**RESHMA SHAI**....., **ALL SAINTS' COLLEGE**.....
.....**TRIVANDRUM**.....has successfully completed his/her internship for **2 weeks**... in**2024**.....
at the **Kerala State Biodiversity Board, Thiruvananthapuram.**



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Kerala State Biodiversity Board
Thiruvananthapuram



Member Secretary

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Member Secretary
Kerala State Biodiversity Board
Kowdiar, Thiruvananthapuram

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Certificate

This is to certify that Ms/Mr.....**L.I.J. JOSE**....., **ALL SAINTS' COLLEGE**.....
...**TRIVANDRUM**.....has successfully completed his/her internship for **2 weeks** in **2024**.....
at the **Kerala State Biodiversity Board**, Thiruvananthapuram.


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Chairman
Kerala State Biodiversity Board
Thiruvananthapuram




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Dr. V. Balakrishnan
Member Secretary
Kerala State Biodiversity Board
Kowdiar, Thiruvananthapuram

KERALA STATE BIODIVERSITY BOARD

Certificate

This is to certify that Ms/Mr.....**VEENA : M. WILFRED**., **ALL SAINTS' COLLEGE**.....
.....**TRIVANDRUM**.....has successfully completed his/her internship for **2 weeks** in **2024**.....
at the **Kerala State Biodiversity Board**, Thiruvananthapuram.


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Kerala State Biodiversity Board
Thiruvananthapuram




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Member Secretary
Kerala State Biodiversity Board
Kowdiar, Thiruvananthapuram

KERALA STATE BIODIVERSITY BOARD

Certificate

This is to certify that Ms/Mr.....**TESSY: J: S**.....**ALL SAINTS' COLLEGE**.....
.....**TRIVANDRUM**.....has successfully completed his/her internship for **2 weeks**.. in**2024**.....
at the **Kerala State Biodiversity Board**, Thiruvananthapuram.



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Chairman
Kerala State Biodiversity Board
Thiruvananthapuram



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Member Secretary
Kerala State Biodiversity Board
Kowdiar, Thiruvananthapuram

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Certificate

This is to certify that Ms/Mr.....**AMRITHA . U.S . , ALL SAINTS' COLLEGE**.....
.....**TRIVANDRUM**.....has successfully completed his/her internship for **2 weeks** in **2024**.....
at the **Kerala State Biodiversity Board**, Thiruvananthapuram.


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Kerala State Biodiversity Board
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Member Secretary
Kerala State Biodiversity Board
Kowdiar, Thiruvananthapuram



കേരള സംസ്ഥാന ജൈവവൈവിധ്യ ബോർഡ്

കേരള സംസ്ഥാന ജൈവവൈവിധ്യ ബോർഡ് KERALA STATE BIODIVERSITY BOARD

A statutory and autonomous body, Government of Kerala

Kailasam, T.C. 24/3219, No. 43, Belhaven Gardens, Kowdiar P.O., Thiruvananthapuram – 695 003, Phone : 0471- 2724740,
Email: keralabiodiversity@gmail.com, kerala.sbb@kerala.gov.in, Website: www.keralabiodiversity.org

CERTIFICATE

This is to certify that the dissertation entitled “Study of IUCN Status of Marine and Coastal Flora and Fauna of Kollam District and Its Traditional and Commercial Values” is the bonafide work of “Ms.Gouri S” who carried out the dissertation work under my supervision at Kerala state biodiversity board Trivandrum, Kerala during May 2024- August 2024. To the best of my knowledge, the work reported by her does not form part of any other thesis or dissertation on the basis of which degree or award was conferred on an earlier occasion on this or any scholar.

Guided by

August 2024

Dr. Vimal Kumar C.S

Principal Scientific Officer

Kerala State Biodiversity Board

Thiruvananthapuram

DEPARTMENT OF ENVIRONMENTAL SCIENCES UNIVERSITY OF KERALA



(Reaccredited by NAAC with 'A⁺⁺' grade)

Kariavattom Campus – 695 581, Thiruvananthapuram, Kerala

Ph. 91-471- 2308146 hodenvscience@gmail.com

www.keralauniversity.ac.in



23.08.2024

CERTIFICATE

This is to certify that Ms. SOWFIYA M, Register No:6152210018, M.Sc. Environmental Sciences student, All Saints' College, Trivandrum has completed her internship as part of the Degree of Master of Science in Environmental Sciences under my supervision and guidance at Department of Environmental Sciences, University of Kerala, Karyavattom. The internship duration of two weeks has been met by the candidate from the time of period of 02.05.2024 to 21.05.2024.

 23/8/24

Head of the Department



Dr. SABU JOSEPH
Professor and Head
Dept. of Environmental Sciences
Dean, Faculty of Applied Sciences
University of Kerala, Kariavattom
Thiruvananthapuram- 695556



राष्ट्रीय पृथ्वी विज्ञान अध्ययन केन्द्र
NATIONAL CENTRE FOR EARTH SCIENCE STUDIES

पृथ्वी विज्ञान मंत्रालय, भारत सरकार
Ministry of Earth Sciences, Govt. of India

पि.बि.नं. ७२५०, आक्कुलम, तिरुवनंतपुरम - ६९५ ०११, भारत
PB.No. 7250, Akkulam, Thiruvananthapuram - 695011, India

Dr. K. Sreelash
Scientist D

11/01/2024

Internship Certificate

This is to certify that **Ms. Anaswara A** Register No: **61522100002**, MSc Environmental Sciences student., All Saints' College, Trivandrum has carried out her internship project titled **"EVALUATION OF SUBMARINE GROUNDWATER DISCHARGE (SGD) INDUCED CHANGES IN CHLOROPHYLL CONTENT IN THE TRIVANDRUM DISTRICT USING REMOTE SENSING"** under my guidance at the National Centre for Earth Science Studies, Akkulam during the period from 21st December, 2023 to 11th January, 2024. During her internship Ms. **Anaswara A** has been trained on using remote sensing data for analysis of ocean chlorophyll content. During the period of internship works, she was found to be punctual, hardworking, and inquisitive.

(K. Sreelash)

डॉ. के. श्रीलाश / Dr. K. SREELASH
वैज्ञानिक, जल विज्ञान समूह / Scientist, Hydrology Group
ई एस एस ओ-राष्ट्रीय पृथ्वी विज्ञान अध्ययन केन्द्र
ESSO-National Centre for Earth Science Studies
पृथ्वी विज्ञान मंत्रालय, भारत सरकार
Ministry of Earth Sciences, Govt. of India
आक्कुलम, तिरुवनंतपुरम-695 011, केरल
Akkulam, Thiruvananthapuram-695 011, Kerala



SCHOOL OF
PHYSICAL SCIENCES
AMRITAPURI

AMRITA NATURAL RESOURCE MONITORING LABORATORY (AMRITA-NRML)

(A Nodal Centre of Edusat based Outreach Programme of Govt. of India led by IIRS/ISRO, Dept. of Space)

Established in 2022

Certificate

This is to certify that Ms. Monica M. has successfully completed the Summer Internship on Space Applications (Satellite Remote Sensing & Geographic Information System) conducted by Amrita -Natural Resource Monitoring Laboratory (Amrita-NRML) of the School of Physical Sciences, Department of Chemistry, Amrita Vishwa Vidyapeetham, Amritapuri from 1 April 2024 to 12 April 2024 (2-Weeks).

Amritapuri, Kollam

April 2024




Program Co-ordinator

Dr. Sumith Satheendran S.


Chairperson

Dr. Sreedha Sambhudevan



CERTIFICATE OF INTERNSHIP

COFBA NETWORKS


THIRUVANANTHAPURAM, KERALA

THIS IS TO CERTIFY THAT

MS. FARSEENA B P

Semester II Msc EVS, PG Department and Research Centre of Environmental Sciences

**has successfully completed her internship entitled " Study of Plastic Waste
Generation and Management options in Kavaratti Island, Lakshadeep, India "**
from 3rd April 2023 to 17th May 2023.



Ms. NIMA DAISY
OPERATIONS HEAD
COFBA NETWORKS



Mr. SUBEESH
CEO
COFBA NETWORKS





राष्ट्रीय पृथ्वी विज्ञान अध्ययन केन्द्र
NATIONAL CENTRE FOR EARTH SCIENCE STUDIES
पृथ्वी विज्ञान मंत्रालय, भारत सरकार
Ministry of Earth Sciences, Govt. of India
पि.बि.नं. ७२५०, आक्कुलम, तिरुवनंतपुरम - ६९५ ०९९, भारत
PB.No. 7250, Akkulam, Thiruvananthapuram - 695011, India

Dr. K. Sreelash
Scientist D

11/01/2024

Internship Certificate

This is to certify that **Ms. Savitha P S** Register No: 61522100016, MSc Environmental Sciences student., All Saints' College, Trivandrum has carried out her internship project titled **"IDENTIFICATION OF SUBMARINE GROUNDWATER DISCHARGE (SGD) ALONG TRIVANDRUM DISTRICT USING REMOTE SENSING BASED THERMAL INFRARED OBSERVATIONS"** under my guidance in the Hydrology Group, National Centre for Earth Science Studies, Akkulam, Thiruvananthapuram during the period from 21st December, 2023 to 11th January, 2024. During her internship Ms. Savitha P S has been trained on using thermal remote sensing data for analysis of sea surface temperature. During the period of internship works, she was found to be punctual, hardworking, and inquisitive.

(K. Sreelash)

डॉ. के. श्रीलाश / Dr. K. SREELASH
वैज्ञानिक, जल विज्ञान समूह / Scientist, Hydrology Group
ई एन एस ओ-राष्ट्रीय पृथ्वी विज्ञान अध्ययन केन्द्र
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Akkulam, Thiruvananthapuram-695 011, Kerala



CENTRE FOR ENVIRONMENT AND DEVELOPMENT

(Recognised by Department of Scientific and Industrial Research, Government of India)

Thozhuvancode, Vattiyoorkavu P.O., Thiruvananthapuram - 695 013 Phone: 0471-2369720, 2369721, 2369722. Fax: 0471-2369720
E-mail: director@cedindia.org, URL: www.cedindia.org

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. SANJANA. P., student of M.Sc. Environmental Sciences, All Saints' College, Trivandrum has successfully completed a one-month Geoinformatics Course cum internship at the Centre for Environment and Development (CED), Vattiyoorkavu, Trivandrum. She attended the course from 1st April to 30th April 2024.

During this period, Sanjana engaged in theory classes covering the fundamentals and advanced concepts of Geoinformatics, including spatial data analysis, Remote Sensing, and Geographic Information Systems (GIS). She also actively participated in practical sessions focused on the application of GIS tools and techniques. This included hands-on experience with GIS software, data visualization, spatial analysis, and map production.

Additionally, she worked on a project for her Master's degree as part of this course under the guidance of our faculty and contributed valuable insights to ongoing research.

Office seal



Dr. Chrips N.R.

Name and signature of the Guide/ Supervisor



HA3(DM)/537/2021/SEOC-KSDMA

Dated: 21st August 2024

CERTIFICATE

This is to certify that **Ms. Saranya S, Register No:- 61522100015**, M.Sc Environmental Sciences student at the Department of Environmental Sciences, All Saints' College, Thiruvananthapuram, has successfully completed the Internship during the period **5th April 2024 to 23rd April 2024** with Kerala State Disaster Management Authority (KSDMA) under my Guidance and supervision. During the period of her internship with us, she was punctual, hard-working, and inquisitive.

KSDMA wishes her all the success in her future endeavor.



Pradeep G S

Hazard and Risk Analyst, KSDMA