

From,

Dr Nisha L
Head of the Department
Department of Civil Engineering
SCMS School of Engineering and Technology
Karukutty, Ernakulam

To

The District Officer
Ground Water Department
Alappuzha district

Sub: Request for availing data for M.Tech thesis work – reg.

Respected Sir/Madam

The following student of **SCMS School of Engineering** and Technology, Karukutty, Ernakulam, requires the following data for Pattanakad and Aryad blocks of Alapuzha dist. for the years 2018 to 2022.

1. water quality data
2. water level data
3. lithology
4. hydrogeological data
5. geological data

The data is required as a part of a thesis work for our S3 M.Tech student, **Rose Mary Jojo**, Reg No.SCM21CEEE11 S3 M.Tech, Environmental Engineering, in order to identify the regions affected by sea water intrusion. The data will truly be only used for academic purposes. I kindly request the District Officer to provide the data to the students for the same.

Thanking you.



Dr. Nisha L

Head of the Department (CE)

DEPARTMENT OF CIVIL ENGINEERING
SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

Vidya Nagar, Karukutty, Kerala - 683 576



CERTIFICATE

This is to certify that the project report entitled **"NUMERICAL MODELLING OF SEAWATER INTRUSION IN COASTAL AREAS OF ALAPPUZHA"** was submitted by **ROSE MARY JOJO**, Reg No. **SCM21CEEE11**, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of Degree of Master of Technology in Civil Engineering (Environmental Engineering), is a bonafide record of the work carried out by her under my guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Guide

Dr. Praseeja A V

Assistant Professor

Civil Engg. Dept. , SSET

Head of the Dept.

Dr. Nisha L

Associate Professor

Civil Engg. Dept. , SSET

PG Coordinator

Ms. Roshni K R

Assistant Professor

Civil Engg. Dept. , SSET

6/7/2023



17.02.2023

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From Dr Nisha L
Head of the Department
Department of Civil Engineering
SCMS School of Engineering and Technology
Karukutty, Ernakulam

To
The District Officer
Ground Water Department
Alappuzha district

Sub: Request for availing data for M.Tech thesis work – reg.

Respected Sir/Madam

The following students of SCMS School of Engineering and Technology, Karukutty, Ernakulam, requires the following datas for Pattanakad and Kanjikkuzhy blocks of Alappuzha dist. for the year 2018 to 2022.

1. water quality data
2. water level data
3. lithology
4. hydrogeological data
5. geological data

The data is required as a part of a thesis work for our S3 M.Tech students, Rose Mary Jojo, Reg No.SCM21CEEE11 , Gopika Krishnan Reg No.SCM21CEEE07 S4 M.Tech, Environmental Engineering, in order to identify the regions affected by sea water intrusion. The data will truly be only used for their academic purposes. I kindly request the District Officer to provide the data to the students for the same.

Thanking you

Nisha L
17/2/23

Dr Nisha L

Head of the Department (CE)

DEPARTMENT OF CIVIL ENGINEERING
SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

Vidya Nagar, Karukutty, Kerala - 683 576



CERTIFICATE

This is to certify that the report entitled **'MODELLING OF SEAWATER INTRUSION IN THE SELECTED COASTAL AREAS OF ALAPPUZHA DISTRICT'** submitted by 'Gopika Krishnan' to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Master of Technology in (Civil Engineering, Environmental Engineering) is a bonafide record of the project work carried out by her under my guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Meera
11/7/23

Internal Supervisor

Ms. Meera Varghese

Assistant Professor

CED, SSET

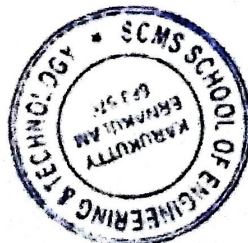
Roshni
11/7/2023

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Nisha
11/7/23

HEAD OF THE DEPT.

Dr. Nisha L

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DEPARTMENT OF CIVIL ENGINEERING
SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

Vidya Nagar, Karukutty, Kerala - 683 576



CERTIFICATE

This is to certify that the project report entitled **“NUMERICAL MODELLING OF SEAWATER INTRUSION IN COASTAL AREAS OF ALAPPUZHA”** was submitted by **ROSE MARY JOJO**, Reg No. **SCM21CEEE11**, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of Degree of Master of Technology in Civil Engineering (Environmental Engineering), is a bonafide record of the work carried out by her under my guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

Internal Guide

Dr. Praseeja A V

Assistant Professor

Civil Engg. Dept. , SSET

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6/7/2023

