

Dr. Dasharatha P. Angadi Professor and Co-ordinator Department of Geography Mangalore University Mangalagangothri

CERTIFICATE

This is to certify ARYA K R is a bonafide student of M.Sc., IV semester Geography at Mangalore University. His dissertation has been submitted for valuation to the undersigned.

Date:

Place: Mangalagangothri

CO-ORDINATOR

CO-ORDINATOR

This is to certified that, the dissertation entitled "PROBLEMS AND ITS SUSTAINABILITY OF MANGROVES IN VALAPATTANAM RIVER MOUTH, KANNUR KERALA: A GEOGRAPHICAL APPROACH" was carried out by Ms. ARYA K R (Register no: P05AZ22S070011) is a bonafide work carried out under my guidance and supervision at Department of Geography, Mangalore University, Mangalagangothri in partial fulfilment of the award of master of science in Geography from the Department of Geography, Mangalore University, Mangalagangothri, Konaje-574199, Karnataka. The information furnished in this dissertation report has not been submitted elsewhere for the award of any Degree, Diploma, and Associate ship, fellowship or any other University or Institution.

Date:

Place: Mangalagangothri

(Dasharatha P. Angadi) Or. Dasharatha P. Angadi

Professor and Chairman BOS
Department of Studies in Geography
MANGALORE UNIVERSITY
Mangalagangothri- 574 199

Kamataka, India



Prof. Dashratha P. Angadi
Co-ordinator: Geography
Department of Geography
Mangalore University, Mangalagangothri

CERTIFICATE

This is to certify **SREENA** P is a bonafide student of M.Sc., IV semester Geography program at Mangalore University. Her dissertation has been submitted for valuation to the undersigned.

Date:

Place: Mangalagangothri

CO-ORDINATOR O

CO-ORDINATOR

P. G. Department of Geography

MANGALORE UTIVERSITY Wangalagangothri - 574 199

This is to be certified that, the dissertation entitled "GROUND WATER POTENTIAL ZONATION AND CONSERVATION MEASURES IN USING BLOCK KERALA: KASARAGOD, KARADKA GEOINFORMATICS." was carried out by Ms. SREENA P ((Register no: P05AZ22S070012) is a bonafide work carried out under my guidance and Mangalore University, Geography, Department of supervision Mangalagangothri in partial fulfilment of the award of master of science in Geography from the Department of Geography, Mangalore University, Mangalagangothri, Konaje-574199, Karnataka. The information furnished in this dissertation report has not been submitted elsewhere for the award of any Degree, Diploma, and Associate ship, fellowship or any other University or Institution.

Date:

Place: Mangalagangothri

(Prof. Dasharatha P. Angagiai Professor and Chairman BOS

Professor and Chairman BOS
Department of Studies in Geography
MANGALORE UNIVERSITY
Mangalagangothri- 574 199

Kamataka, India

MANGAORE UNIVERSITY MANGALAGANGOTHRI

DEPARTMENT OF STUDIES AND RESEARCH IN GEOGRAPHY

Prof. Dasharatha. P. Angadi Co-ordinator: Geography Department of Geography Mangalore University, Mangalagangothri

CERTIFICATE

This is to certify NITHIN C.H is a bonafide student of M.Sc., IV semester Geography program at Mangalore University. Her dissertation has been submitted for valuation to the undersigned.

Date: 2 8 24

Place: Mangalagangothri

CO-ORDINATOR CO-ORDINATOR

This is to be certified that, the dissertation entitled "IMPACT OF LAND SLIDE RAINFALL IN KODAGU DISTRICT USING THE GEOINFORMATICS" was carried out by Mr. NITHIN C.H (Register no: P05AZ22S070013) is a bonafide work carried out under my guidance and supervision at Department of Geography, Mangalore University, Mangalagangothri in partial fulfilment of the award of master of science in Geography from the Department of Geography, Mangalore University, Mangalagangothri, Konaje-574199, Karnataka. The information furnished in this dissertation report has not been submitted elsewhere for the award of any Degree, Diploma, and Associate ship, fellowship or any other University or Institution.

Date: 2/8/24

Place: Mangalagangothri

(DR.DASHARATHA.P.ANGADĮ)

Dr. Dasharatha P. Angadi Professor and Chairman BOS Department of Studies in Geography MANGALORE UNIVERSITY Mangalagangothri- 574 199

Kamataka, India



Prof. Dasharatha P. Angadi Co-ordinator: Geography Department of Geography Mangalore University, Mangalagangothri

CERTIFICATE

This is to certify SAINU N.S is a bonafide student of M.Sc., IV semester Geography program at Mangalore University. Her dissertation has been submitted for valuation to the undersigned.

36-2364

Date:

Place: Mangalagangothri

CO-ORDINATOR

CO-ORDINATOR

This is to be certified that, the dissertation entitled "FLOOD VULNERABLITY ANALYSIS OF KUTTANAD TALUK IN KERALA: USING GEOSPATIAL TECHNIQUES" was carried out by Ms. SAINU N.S (Register no: P05AZ22S070014) is a bonafide work carried out under my guidance and supervision at Department of Geography, Mangalore University, Mangalagangothri in partial fulfilment of the award of master of science in Geography from the Department of Geography, Mangalore University, Mangalagangothri, Konaje-574199, Karnataka. The information furnished in this dissertation report has not been submitted elsewhere for the award of any Degree, Diploma, and Associate ship, fellowship or any other University or Institution.

Date: 02/08/2024

Place: Mangalagangothri



MANGALAGANGOTHRI

DEPARTMENT OF STUDIES AND RESEARCH IN GEOGRAPHY

Prof. Dasharatha P. Angadi
Co-ordinator: Geography
Department of Geography
Mangalore University, Mangalagangothri

CERTIFICATE

This is to certify SUJITHRA RAJ P R is a bonafide student of M.Sc., IV semester Geography program at Mangalore University, Her dissertation has been submitted for valuation to the undersigned.

ಹ್ಞಾನವೇ-ಬೆಳಕು

Date:

Place: Mangalagangothri

CO-ORDINATOR

CO-ORDINATOR

This is to be certified that, the dissertation entitled "SPATIO TEMPORAL ANALYSIS URBAN GROWTH DYNAMICS OF KASARAGOD BLOCK." was carried out by Ms. SUJITHRA RAJPR ((Register no: P05AZ22S070015) is a bonafide work carried out under my guidance and supervision at Department of Geography, Mangalore University, Mangalagangothri in partial fulfilment of the award of master of science in Geography from the Department of Geography, Mangalore University, Mangalagangothri, Konaje-574199, Karnataka. The information furnished in this dissertation report has not been submitted elsewhere for the award of any Degree, Diploma, and Associate ship, fellowship or any other University or Institution.

Date: 02/08/24

Place: Mangalagangothri



Prof. Dasharatha P. Angadi
Co-ordinator: Geography
Department of Geography
Mangalore University, Mangalagangothri

CERTIFICATE

This is to certify ANAGHA SHAMMI is a bonafide student of M.Sc., IV semester Geography program at Mangalore University. Her dissertation has been submitted for valuation to the undersigned.

Date: 02-08-2024

Place: Mangalagangothri

CO-ORDINATOR

This is to be certified that, the dissertation entitled "AN APPLICATION OF GEOSPATIAL TECHNIQUES IN FLOOD VULNERABILITY ANALYSIS OF KOZHIKODE TALUK." was carried out by Ms. ANAGHA SHAMMI ((Register no: P05AZ22S070016) is a bonafide work carried out under my guidance and supervision at Department of Geography, Mangalore University, Mangalagangothri in partial fulfilment of the award of master of science in Geography from the Department of Geography, Mangalore University, Mangalagangothri, Konaje-574199, Karnataka. The information furnished in this dissertation report has not been submitted elsewhere for the award of any Degree, Diploma, and Associate ship, fellowship or any other University or Institution.

Date: 02-08-2024

Place: Mangalagangothri



MANGALAGANGOTHRI

DEPARTMENT OF STUDIES AND RESEARCH IN GEOGRAPHY

Prof. Dasharatha P. Angadi

Co-ordinator: Geography

Department of Geography

Mangalore University, Mangalagangothri

CERTIFICATE

This is to certify **ANJITHA** C.M is a bonafide student of M.Sc., IV semester Geography program at Mangalore University. Her dissertation has been submitted for valuation to the undersigned.

Date:

Place: Mangalagangothri

CO-ORDINATOR

CO-ORDINATOR

This is to be certified that, the dissertation entitled "SITE SUITABILITY ANALYSIS FOR INSTALLING SOLAR POWER PLANT IN THRISSUR TALUK USING MULTI-CRITERIA DECISION MAKING SYSTEM" was carried out by Ms. ANJITHA C.M (Register no: P05AZ22S070017) is a bonafide work carried out under my guidance and supervision at Department of Geography, Mangalore University, Mangalagangothri in partial fulfilment of the award of master of science in Geography from the Department of Geography, Mangalore University, Mangalagangothri, Konaje-574199, Karnataka. The information furnished in this dissertation report has not been submitted elsewhere for the award of any Degree, Diploma, and Associate ship, fellowship or any other University or Institution.

Date: 02/08/24

Place: Mangalagangothri



Prof. Dasharatha P. Angadi
Co-ordinator: Geography
Department of Geography
Mangalore University, Mangalagangothri

CERTIFICATE

This is to certify **PUNITH** P is a bonafide student of M.Sc., IV semester Geography program at Mangalore University. Her dissertation has been submitted for valuation to the undersigned.

Date:

Place: Mangalagangothri

CO-ORDINATOR

This is to be certified that, the dissertation entitled "SITE SUITABILITY ANALYSIS FOR HOSPITALS IN KASARAGOD TALUK KERALA: USING GEOSPATIAL TECHNIQUES." was carried out by Mr. PUNITH P (Register no: P05AZ22S070018) is a bonafide work carried out under my guidance and supervision at Department of Geography, Mangalore University, Mangalagangothri in partial fulfilment of the award of master of science in Geography from the Department of Geography, Mangalore University, Mangalagangothri, Konaje-574199, Karnataka. The information furnished in this dissertation report has not been submitted elsewhere for the award of any Degree, Diploma, and Associate ship, fellowship or any other University or Institution.

Date: 0 2/08/2024

Place: Mangalagangothri



Prof. Dasharatha P. Angadi

Co-ordinator: Geography

Department of Geography

Mangalore University, Mangalagangothri

CERTIFICATE

This is to certify IBBANI H.R is a bonafide student of M.Sc., IV semester Geography program at Mangalore University. Her dissertation has been submitted for valuation to the undersigned.

ವಾನವೇ-ಬೆಳಕ್ಷ

Date: 2/08/2024

Place: Mangalagangothri

CO-ORDINATOR

This is to be certified that, the dissertation entitled "SPATIO-TEMPORAL ANALYSIS OF RIVER MOUTH DYNAMICS OF NETRAVATI RIVER" was carried out by Ms. IBBANI H.R (Register no: P05AZ22S070019) is a bonafide work carried out under my guidance and supervision at Department of Geography, Mangalore University, Mangalagangothri in partial fulfilment of the award of master of science in Geography from the Department of Geography, Mangalore University, Mangalagangothri, Konaje-574199, Karnataka. The information furnished in this dissertation report has not been submitted elsewhere for the award of any Degree, Diploma, and Associate ship, fellowship or any other University or Institution.

Date: 2/08/2024

Place: Mangalagangothri



Prof. Dasharatha P. Angadi

Co-ordinator: Geography

Department of Geography

Mangalore University, Mangalagangothri

CERTIFICATE

This is to certify SANSKRUTI BASAPPA HALAGALI is a bonafide student of M.Sc., IV semester Geography program at Mangalore University. Her dissertation has been submitted for valuation to the undersigned.

ಜ್ಞಾನವೇ-ಬೆಳಕ

Date: 02-08-2024

Place: Mangalagangothri

CO-ORDINATOR

<u>CERTIFICATE</u>

This is to be certified that, the dissertation entitled "SOIL MOISTURE BASED DROUGHT ASSESSMENT IN BELAGAVI TALUK:BELAGAVI TALUK USING GEOSPATIAL TECHNIQUES." was carried out by SANSKRUTI BASAPPA HALAGALI (Register no: P05AZ22S070020) is a bonafide work carried out under my guidance and supervision at Department of Geography, Mangalore University, Mangalagangothri in partial fulfilment of the award of master of science in Geography from the Department of Geography, Mangalore University, Mangalagangothri, Konaje-574199, Karnataka. The information furnished in this dissertation report has not been submitted elsewhere for the award of any Degree, Diploma, and Associate ship, fellowship or any other University or Institution.

Date: 02, -08 - 2024

Place: Mangalagangothri