

Curriculum Vitae

Dr. Francis Sangma *MPhil, PhD*

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Personal Profile:

Father's name:

Late Rajendra Sangma

Mother's Name:

Mrs. Bina Sangma

Date of Birth:

19th September, 1984

Permanent Address:

Village - Pub Bali Gaon

P.O+P.S – Gogamukh

District – Dhemaji

Pin – 787034 (Assam)

Nationality:

Indian

Caste:

ST (H)

Sex:

Male

Marital status:

Unmarried

Language Known:

English, Hindi, Assamese

Education Qualification:

Degree	Year of Passing	Name of the Board/Institute/College/University	Subjects
PhD	2020	Center for Geo-informatics, JTSDM, TISS, Mumbai	Disaster Studies and Geo-informatics
M.Phil.	2014	Department of African Studies, University of Delhi	African Geography
M.Sc.	2009	Cotton College, Gauhati University	Geography (Fluvial Geomorphology)
B.Sc.	2007	Cotton College, Gauhati University	Geography (H), Geology, Chemistry, Environment Studies, Alt English
H.S	2003	North Lakhimpur College, AHSEC	Physics, Chemistry, Biology, Alt English
Matriculation	2000	Christ King High School, SEBA	English, Alt English, General Science, Mathamatics, Social Science, Geography, Assamese

Dissertation:

PhD Thesis Title:

“Analysis of Neo-tectonic Signature: Post 1950 Assam Earthquake in the parts of Lower Subansiri Sub-Basin, Assam – Using Geospatial Technology” under the supervision: Dr. Guru Balamurugan, Associate Professor and Chairmanship, Center of Geo-informatics, Jamsethji Tata School for Disaster Studies, Tata Institute of Social Sciences, Mumbai.

M.Phil. Thesis Title:

“Planning and Development of Water Resource Management: A Case Study of Eastern Africa” Under the Supervision: Dr. Suresh Kumar, Professor, Department of African Studies, University of Delhi.

M. Sc. Dissertation Title:

“To Study the Hydrological Characteristic of Umtru River, Maghalaya” Under the Supervision: Dr. Palavi Gogoi, Assistant Professor, Department of Geography, Cotton College (Gauhati University, Assam).

Paper Publication

1. Balamurugan Guru, Ramesh Veerappan, **Francis Sangma**, Somnath Bera (2017). *“Comparison of Probabilistic and Expert Based Models in Landslide Susceptibility Zonation Mapping in the Part Nilgiri District, Tamil Nadu, India”*. Spatial Information Research, Springer, ISSN 2366-3286. DOI 10.1007/s41324-017-0143-1.
2. **Francis Sangma** and Guru Balamurugan (2019). *“Watershed Characteristics and Prioritization Using Morphometric Parameters and Fuzzy Analytical Hierarchy Process (FAHP): A part of Lower Lower Subansiri Sub-Basin”*. Journal of the Indian Society of Remote Sensing. Springer. ISSN: 0255-660X, <https://doi.org/10.1007/s12524-019-01091-6>.
3. Gopal Barik, Guru Balamurugan and **Francis Sangma** (2021). *“Shoreline Changes Analysis and forecast Using Digital Assessment System 5.0 – Evidences from Parts of Eastern Coast of India”*. Journal of the Indian Society of Remote Sensing. Springer. <https://doi.org/10.1007/s12524-021-01424-4>

Paper In Progress

1. **Francis Sangma** and Guru Balamurugan. *“Spatial Analysis of Neo-tectonic Anomalies in parts of the Lower Subansiri Sub Basin using Morphometric Parameters”*. **Under Writing Stage.**

Conference Presentation

1. International Conference on Climate Change and Disaster Management (i3CDM), 2015. ISRO, IAA (International Academy of Astronautics), KSCSTE, IISL, MOES, Trivandrum (Kerala).
2. International Conference on Remote Sensing and GIS Applications in Geosciences, 2017. Department of Geology, Aligarh Muslim University, Aligarh (U.P).
3. Conference on Disaster Management and Mitigation: Curriculum Development and Research, 2019. Center for Geo-informatics, Jamsethji Tata School of Disaster Studies, Tata Institute of Social Sciences (Mumbai).

Conference Attended

1. National Conference on Africa Renaissance: From movement, Democracy to Development (2012). Department of African Studies, University of Delhi.
2. International Conference on Social Entrepreneurship and Sustainable Development (2015). Center for Social Entrepreneurship, School of Management and Labour Studies, Tata Institute of Social Sciences, Mumbai.

WorkShop Attended

1. Participated in one day online workshop titled “SAR Application for flood hazard mapping and monitoring”, conducted on 16/07/2021, sponsored by Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO) and Department of Space, GOI.

Fellowship Awarded

1. Rajiv Gandhi National Fellowship (RGNF) for SC/ST (2011).

Work Experiences

1. As “Research Fellow” engaged in the Project “Multi Hazard Mapping and Nilgiri” under R&D, TISS from 1st January 2015 to 31st March 2015.
2. As “Research Officer” engaged in the Project “Bank Erosion of Majuli River Island, Assam” Under R&D, TISS from 1st February, 2016 to 31st April, 2017.
3. As “Consultant” engaged in the Project “SwedBio” Under Legal Aid to Women Trust (Law Trust) from 1st December, 2020 to 31st December, 2020.
4. As “Field Investigator” engaged in the CSR Project under R&D, TISS from 15th November, 2021 to 14th December, 2021.

Volunteer Work Experience

1. Volunteer in 12th National Children's Science Congress (2004), Cotton College, Guwahati, Assam.
2. GPS Data Collection for TISS Project Sponsored by UNICEF in Udaipur, Rajasthan (2016).
3. GPS Data Collection in Kohima, Nagaland (2017).

Extra-Curricular Activity

1. Participate in many Inter-College Cultural Competition (2004)
2. Participate in National Level Conference and Seminar in Delhi (2011, 2012, and 2013).
3. Joined the mission by installing name in memory card along with the "Parker solar Probe" flying towards the Sun's atmosphere. Sponsored by National Aeronautical and Space Administration (NASA).
4. Member of Geographical Association, Sheffield, UK.

Strengths

1. Flexibility and Adaptability to Work in any Environment.
2. Willingness to accept any Challenge Irrespective of its Complexity.
3. Good Team Player and Positive Attitude.

References

1. Dr. Guru Balamurugan

Associate Professor
Head of the Department
Department of Geology
School of Earth Science
Central university of Tamil Nadu
Thiruvarur – 610005
Tamil Nadu

3. Dr. V. Ramesh

Assistant Professor
Center of Geoinformatics
Jamsethji Tata School for Disaster Studies
Tata Institute of Social Sciences
Deonar Farm Road – 400088
Mumbai, Maharashtra

2. Dr. Shibu K Mani

Associate Professor
Civil Engineering Department (Block 3)
Christ University
Hosur Road, Bhavani nagar
Bangaluru – 560029
Karnataka

Certification

I, the undersigned certify that to the best of my knowledge and belief, the Curriculum vitae correctly describes my qualification and myself.

Place: Gogamukh

Date: ____/____/202__



(Francis Sangma)