



Van Jennifer Joan Wallang

Designation: Associate Professor

Qualification

- M.Sc (Geology) - Gauhati University
- PhD - North-Eastern Hills University

Topic of Doctoral Research:

- Geoenvironment and metabolism of Shillong City Ecosystem.

Research Interest:

- Geomorphology and Environmental Geology.

Award(s):

- Qualified National Eligibility Test (NET) for research fellowship, Council of Scientific and Industrial Research, India, 2002.

Experience:

- Assistant Professor : 2006 - 2019.
- Associate Professor : 2019 till date.

Paper Published/ Presented:

- Wallang, V.J.J., 2019. "*Water quantity and quality in Shillong City, Meghalaya*", paper presented in International Seminar on Understanding Water Crisis: The Way Forward, Synod College, Shillong, 6th -7th June, 2019.
- Wallang, V.J.J., 2018. "*Development of drainage pattern in and around Shillong Urban Agglomeration, NE India*", paper presented in a National Seminar on Advances In Remote Sensing & GIS Applications, North Eastern Space Applications Centre, Umiam, Meghalaya, India, 10th -11th May, 2018.

- Wallang, V.J.J., and Barua, S., 2017. "*Hydrogeochemical Analysis of Groundwater in Shillong City, Meghalaya*". Spectrum : Science and Technology, 4: 44-58.
- Wallang,V.J.J., 2016. "*Scenario of Water Resources in Shillong City, Meghalaya*". Spectrum : Science and Technology, 3: 220-237.
- Wallang,V.J.J., 2016. "*Positive co-relationship between landslide and Rainfall: A Societal Impact analysis for Shillong City*", paper presented in a National Conference on Interdisciplinarity: Theory and Practice, COIN-2016, Department of Humanities and Social Sciences, NIT, Meghalaya, 22nd -23rd July, 2016.
- Wallang, V.J.J., 2013. "*Landslide and Flash-flood hazard analysis in Shillong Master plan area,*" paper presented in a National Seminar on Burning Environmental Issues: Risk to Biodiversity and Human Health with Special Reference to North-East India, St Mary's College, Shillong, 15th -16th May, 2013.

Resource Person:

- Delivered a talk on "*Case studies on Landslide in Shillong City*" during the Training for Government Officers, Teachers and CBOs/NGOs on "*Comprehensive Landslide Risk Mitigation*" organised by the District Disaster Management Authority (DDMA), East Khasi Hills District, Shillong in collaboration with Geology Department, St Anthony's College held on 7th April ,2017.
- Delivered a talk on "*GIS Issues and Prospects*" in the Workshop on "*GIS Technology*" organised by Department of Geology held on held on 6th-8th April, 2016.
- Delivered a popular talk on "*Rock Formation*" for the students of the Department of Physics, St Anthony's College, Shillong on 11th December, 2015.

Membership and affiliations:

- Indian Society of Remote Sensing.
- Member of the Editorial Board for the Journal "Spectrum: Science & Technology" published by the Research Cell, St. Anthony's College, Shillong, since 2017.
- Member of the District Level Expert Appraisal Committee (DEAC),West Jaintia Hills District.
- Member of the District Level Expert Appraisal Committee (DEAC),South West Khasi Hills, Mawkyrwat.

Workshop Co-ordinator/ Convener:

- Co-ordinator of Industrial visits/Field training programme for the students of Department of Geology, St. Anthony's College, Shillong.

- Member of the Organizing Committee for Guest-lecture on “*Geology, Geomorphology, Tectonics and Stratigraphy of Meghalaya*” organized by Department of Geology , St Anthony's College, Shillong in collaboration with Geological Survey of India (GSI), North Eastern Region, Shillong, Meghalaya held on 3rd September 2019.
- Convener and co-ordinator of the workshop on “*Global Navigation of Satellite System(GNSS) and its Applications*” , organized by Department of Geology , St Anthony's College , Shillong in collaboration with North Eastern Space Application Centre, Dept of Space, Govt. of India, Umiam, Meghalaya held on 5th August, 2017.
- Course co-ordinator in the ‘Workshop on GIS Technology’, organized by Department of Geology , St Anthony's College, Shillong held on 6th – 8th April, 2016.

Training Programme attended:

- Attended e-Training on “*Remote Sensing and Digital Image Processing for RMT*” conducted by PGRS Division of GSI Training Institute, Hyderabad from 22nd July - 5th August, 2021.
- Attended e-Training on “*Landslide Risk Mitigation and Management in North-East India*” jointly organized by Department of Geology, North-Eastern Hill University, Shillong, Meghalaya and National Institute of Disaster Management (Ministry of Home Affairs, Govt. of India) , New Delhi held on 28th-30th June, 2021.
- Attended e-Training on “*Petrographic Techniques for Mineral Exploration*” conducted by RTD, NER, GSI Training Institute, Shillong held on 21th - 26th September, 2020.
- Attended e-Training on “*Mapping in Tertiary Terrain*” conducted by RTD, NER, GSI Training Institute, Shillong held on 20th – 24^h March, 2020.
- Attended training on “*Applications of Remote Sensing and Geographic Information System in Geosciences*” organized by North Eastern Space Applications Center, Umiam, Meghalaya held on 10th - 14th February, 2020.

List of conferences and symposia participated:

- Webinar on “*Balancing between Social Distancing and Social Commitment : Role of Heads of Departments and In-charge*” organized by IQAC, St. Anthony's College, Shillong , held on 25th June, 2021.
- Online training program on ‘*Use of Science and Technology in Early Warning Disasters*’ organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. Of India in collaboration with St. Anthony's College and North Eastern Space Application centre, held on 20th May 2021.
- National Webinar on “*National Education Policy 2020 and Its Implication on Higher Education*” organized by IQAC and the Department of Value Education, St. Anthony's College, Shillong , held on 7th April 2021.
- International Virtual workshop on “*Global Seismology and Tectonics*” organized by Geosciences and Technology Division, North East Institute of Science and Technology (Council of Scientific and Industrial Research), Jorhat, Assam, India held on 14th - 25th September, 2020.

- International Webinar on “*Series-1: Sustainable Development through Geoheritage Conservation and Geotourism in Rokua UNESCO Global Geopark, Finland*” organized under the aegis of : Geoheritage Indian Group held on 18th August, 2020.
- Webinar on “*National Education Policy 2020: Emerging Bharat*”, jointly organized by Shillong Chapter, Indian Science Congress Association and Students for Holistic Development of Humanity and Centre for Education and Social Studies, Bengaluru held on 25th August, 2020.
- International Webinar on “*Different Cloud Platform*” jointly organized by Department of Computer Science of St. Alphonsa College, Karinkal, Tamil Nadu, India and St Anthony’s College, Shillong, Meghalaya, India held on 4th July, 2020.
- Webinar on “*Research and Education: During and after Covid-19*” jointly organized by IQAC, Don Bosco College, Golaghat and Marian College Kuttikkanam(Autonomus), Kerala held on 26th – 27th June, 2020.
- Orientation Programme on “*Student engagement and Neural mechanisms of learning*” organized by St. Anthony’s College, Shillong, Meghalaya held on 7th March, 2020.
- National Seminar on “*Advances In Remote Sensing & GIS Applications*” organized by North Eastern Space Applications Centre, Umiam, Meghalaya, India held on 10th -11th May,2018.
- *Faculty orientation programme* organized by St Anthony’s College, Shillong under the aegis of the IQAC, SAC unit held on 20th April, 2018.
- Workshop cum Guidance on “*Online Processing of Environment Clearance for benefit of members and official of DEIAA & DEAC in Jaintia Hills Region*” organized by Deputy Commissioner: West Jaintia Hills District:Jowai, held on 13th October, 2017.
- Workshop on “*Creation and Promotion of Online Teaching Resources: A National Initiative*” conducted at National Institute of technology Meghalaya held on 5th July, 2017.
- National Conference on “*Interdisciplinarity: theory and Practice, COIN-2016*” organized by Department of Humanities and Social Sciences, NIT, Meghalaya held on 22nd - 23rd July,2016.
- International Conference on “*Water Resource Management in the Eastern Himalaya Region*” organized by St Anthony’s College, Shillong in collaboration with Meghalaya Water Resources Development Agency, Govt of Meghalaya held on 4th - 5th November, 2015.
- National Seminar on “*Innovative Strategies: A Roadmap for upliftment of Teaching, Learning and Evaluation in higher Education*” organized by IQAC, St Mary’s College, Shillong held on 22nd - 23rd September, 2015.
- Workshop on “*Semester System*” organized by IQAC, St Anthony’s College, Shillong on 21st - 22nd April, 2015.
- Workshop on “*Evaluation and paper Setting*” organized by the Examination Department, NEHU, Shillong on 4th - 5th December , 2014.
- Workshop on “*Climate catalysts 2014*” organized by IYCN and Department of Environmental Studies, NEHU, Shillong on 12th -13th November , 2014.