

Individual Profile

Name: Larihun Jeengaph

Qualification: MSc.

Date of Joining: 9th June, 2008



Areas of Interest: -Ecology and Management of Forest and Agricultural Biodiversity

Publication etc(Seminars/Workshop/Webinars):

Publications

- 1) **Remote Sensing and GIS Technology: Its Applications.** 2015. In: Reasserting Basic Sciences (eds, M.N. Bhattacharjee, E.N. Dkhar, D.L. Buam and I. S. Warjri). EBH Publishers, Guwahati, India. (ISBN – 978-93-8325279-4)
- 2) **Assessment of Physicochemical and biological characteristics of selected springs in Shillong, Meghalaya.** 2017. In: Exploring Chemistry- Interface with Human Welfare, (eds., M.N. Bhattacharjee, D.L. Buam, C. Masharing, and B.M. Laloo). EBH Publishers (India), Guwahati. (ISBN – 978-93-83252-65-7)
- 3) **Impact of domestic discharge on the water quality of river Umkhras in Shillong, Meghalaya.** 2017. In: Environmental Degradation (eds, K.R. Sinha and Yvonne B. Nongrum). EBH Publishers, India. (ISBN: 9789386302021).
- 4) **The Contribution of Indigenous Knowledge of the *Khasis* in Ecosystem Management.** 2018. In: Climate Change and Developing Countries (ed., Bashaikupar Lyngdoh Mawphlang). Cambridge Scholars Publishing, Lady Stephenson Library, Newcastle upon Tyne, NE6 2PA, UK. (ISBN (10): 1-5275-1174-X; ISBN (13): 978-1-5275-1174-3)
- 5) **A study on the Diversity of Faunal Species found in Myntdu River, West Jaintia Hills District, Meghalaya.** 2021. In: Recent Advancements in Science and Technology, (eds., D. Paul and J.C.P. Marak). Sara Book Publication, Gujarat. (ISBN: 978-81-953072-4-4).

- 6) **A study on the Nongkhylllem Wildlife Sanctuary in Ri-Bhoi District, Meghalaya.** 2021. In: Biodiversity Conservation and Sustainable Development, (eds., K. Dharmar and R. Mary Sujin), Research Department of Botany, Pasumpon Thiru Muthuramalinga Thevar Memorial College, Kottaimedu, Kamuthi, Ramanathapuram District, Tamilnadu, India. (ISBN: 978-93-5437-491-3)
- 7) **Wild Edible Plants (WEPs) of Dkhiah Village, Jaintia Hills District, Meghalaya.** 2023. International Center for Scientific Research and Development (ICSRD). Volume 01, Issue 01 (2023) ISSN: 2583-6722 (Online). ICSRD Review/ [http:// www.icsrd.in /peer-reviewed – research-international-refereedjournal.html](http://www.icsrd.in/peer-reviewed-research-international-refereedjournal.html)
- 8) **Classification of Rivers of Brahmaputra Basin in Assam, India Based on Designated Best Use Concept.** 2023. Ecology, Environemnt & Conservation. 29 (November Suppl. Issue): 2023; pp. (S54-S58) Copyright@ EM International ISSN 0971–765X.
- 9) **Traditional Practices Pertaining to Sustainable Agriculture in North East India: A Review.** 2023. Spectrum: Science and Technology, Volume: 10, 2023: Pp-31-43 ISSN: 2349 2937

Research papers delivered

- **“Impact of domestic discharge on the water quality of River Umkhrah in Shillong, Meghalaya”** in National Seminar on Burning Environmental Issues: Risk to Biodiversity and Human Health, with special reference to North East India organised by Saint Mary’s College, Shillong on May15-16, 2013.
- **“Remote Sensing and Geographical Information System: Its Applications”** in International Seminar on Attracting Best Talents in Basic Sciences organized by Shillong College in collaboration with IQAC Shillong College on July 24-25, 2013.
- **“Diversity of plants in the Homegardens of Umshing, Mawkynroh and Sadew in Shillong, Meghalaya”** in National Conference on Biodiversity: Challenges and Issues organized by the Albert Einstein Institute, Northeast Region held on June 5-6, 2014.
- **“Assessment of physico-chemical and biological characteristics of selected springs in Shillong, Meghalaya”** in National Seminar on Exploring Recent Advances in

Chemistry in Service for mankind organized by Department of Chemistry, Shillong College on July 30-31, 2015.

- **“The contribution of indigenous knowledge of the Khasis in ecosystem management”** in International Seminar (CC 2015) Climate Change: Impact on Developing Countries organized by Union Christian College from October 15-17, 2015.
- **“A survey of bioresources of KhatarShnong area in Meghalaya, India”** in National Symposium on Bioresources and Sustainable Development and 2nd National Bioresources and Sustainable Development Summit organized by Department of Botany, North-Eastern Hill University and Institute of Bioresources and Sustainable Development, Department of Biotechnology, Imphal on October 28-29, 2015.
- **“A Study on the diversity of faunal species found in Myntdu River, West Jaintia Hills District, Meghalaya”**, in the National Seminar on Recent Advancements in Science and Technology organized by Union Christian College, through the Science Society, in collaboration with North Eastern Space Application Centre (NESAC), Umiam, P.A. Sangma Foundation and College of Post Graduate Studies in Agricultural Sciences (CAU-1), Umiam, from the 12th – 14th June 2019.
- **“Traditional agricultural practices pertaining to north eastern region for sustainable agriculture”**, in an International Earth Science Conference 2022 organized by the Department of Earth Science, University of Science and Technology Meghalaya from 18th -19th November, 2022.
- **“Availability, utility and management of bioresources of an unexplored village of East Khasi Hills District, Meghalaya”**, in Bioeconomy 2023 an international hybrid conference organized by the Centre for the Environment, Indian Institute of Technology Guwahati, from 11th -12th October, 2023

Orientation/Refresher Course/FDP

- 76th Orientation Course from January 31 to February 25, 2011 organised by the Academic Staff College, Jawaharlal Nehru University, New Delhi.
- Special Winter School from October 26 to November 15, 2015 organised by the UGC – Human Resource Development Centre, NEHU.

- Two - Week Inter-disciplinary Refresher Course w.e.f 28 March to 11 April 2022 on “Environment and Human Health” organized by Teaching Learning Centre and Department of Environmental Studies Ramanujan College, (Accredited Grade 'A' by NAAC) University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching
- Two - Week Inter-disciplinary Refresher Course w.e.f. 4 to 18 September, 2022 on “Environmental Science” organized by Teaching Learning Centre and Department of Environmental Studies Ramanujan College, (Accredited Grade 'A' by NAAC) University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching
- One week Faculty Development Programme on MOODLE conducted from 4th to 10th September 2020, organized by K.L.E. Society’s Shri Kadasiddheswar Arts College and H.S. Kotambri Science Institute, Vidyanagar, Hubballi.
- One week Faculty Development Programme on LIBRE OFFICE conducted from 4th to 10th September 2020, organized by K.L.E. Society’s Shri Kadasiddheswar Arts College and H.S. Kotambri Science Institute, Vidyanagar, Hubballi.
- One-Week Faculty Development Programme on “Data Analysis Using SPSS” organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya, National Mission on Teachers and Teaching from the 6th – 12th September, 2021.
- One week Faculty Development Programme on Qualitative Data Analysis organized by Teaching Learning Centre, Ramanujan College University of Delhi under the aegis of Ministry Of Education Pandit Madan Mohan Malaviya National Mission On Teachers and Teaching from the 27th April -3rd May, 2021.
- Faculty Development Programme on “Mentoring Skills for Millennial Educators” organized by the IQAC, St. Edmund’s College in collaboration with Centre for Professional Excellence & Lifelong Learning (CPELL), Kristu Jayanti College (Autonomous), Bengaluru from 6th March to 14th March 2023.

- Faculty Development Programme (FDP) on “Role of SWAYAM in Higher Education Planning and Designing an outcome-based learning MOOCs from 16th -19th October 2023 organized by the IQAC St. Edmund’s College, Shillong.

Seminars/Workshops/Webinars

- Programme on “The Edmund Rice Capacity Building” held at St. Edmund’s College, Shillong on February 10-11, 2012.
- Programme on Teachers for Social Justice organized by the Advocacy Cell of the Congregation of Christian Brothers India, held at St. Edmund’s College, Shillong on August 30, 2012.
- International Seminar on Attracting Best Talents in Basic Sciences organised by Shillong College in collaboration with IQAC Shillong College on July 24-25, 2013.
- Workshop on “Innovative Methodologies in Teaching of Life Sciences Laboratory Courses” held at Department of Zoology, North-Eastern Hill University on March 27, 2010.
- Workshop on Bioinformatics – A Computational Approach to Biological Information organized by the Department of Biotechnology, St. Edmund’s College, Shillong on July 27-29, 2010.
- Workshop on Development of a Source Book on Indigenous Practices of Conservation and Sustainability in N.E. region organized by the North East Regional Institute of Education, NCERT, Shillong on December 5-6, 2012.
- Workshop on National Green Tribunal on the Theme “Mining People and Environmental Laws” organized by the Federation of Khasi Jaintia and Garo People on June 12, 2013.
- Workshop on Bio Medical Waste Management organised by the Central Pollution Control Board, North Eastern Zonal Office, Shillong on March 6, 2014.
- Seminar cum Workshop on “Effective project proposal writing” under the Star College Scheme (Funded by DBT, Govt. Of India) at BIF, St. Edmund’s College on October 17, 2014.
- One day Seminar on Religion, Science and Magic organized by Sociology Department, St. Edmund’s College, Shillong on October 29, 2014.

- National Seminar on Exploring Recent Advances in Chemistry in Service for mankind organized by Department of Chemistry, Shillong College on July 30-31, 2015.
- International Seminar (CC 2015) Climate Change: Impact on Developing Countries organized by Union Christian College from October 15-17, 2015.
- National Symposium on Bioresources and Sustainable Development and 2nd National Bioresources and Sustainable Development Summit organized by Department of Botany, North-Eastern Hill University and Institute of Bioresources and Sustainable Development, Department of Biotechnology, Imphal on October 28-29, 2015.
- International workshop on Healing our Planet – Eco-sensitivity and Remediation organized by the Department of Environmental Science, St. Edmund’s College, Shillong in collaboration with Sri Ramanujan Mission Trust (SRMT), Chennai & Indian Association of Health, Research and Welfare on April 22, 2016.
- Asian Confluence River Festival 2016 held on July 15–16,2016.
- Awareness campaign organized by Walk for Water on the occasion of World Water Day on March 22, 2017.
- A talk “Rethinking about the future we want” organized by the Department of Environmental Science and N.O.W. Eco-Club held on April 3, 2017.
- Workshop on “Higher Education: Reshaping the Learning Space” organized by Internal Quality Assurance Cell (IQAC), St. Edmund’s College held at the College Auditorium on August 19, 2017. The workshop was conducted by Prof K V Nagaraj, Head of Department, Mass Communication, Mizoram University.
- National Seminar on “Sustainable Tourism: Striking a Socio-Economic and Environmental Balance” organized by the Department of Sociology, Synod College, Shillong held on September 4-5, 2017.
- Workshop on **Achieving Excellence in Higher Education: Strategies and Efficacy** organized by Internal Quality Assurance Cell (IQAC), St. Edmund’s College on April 23, 2018.
- International Day of Biological Diversity Celebration 2018 on the theme “Celebrating 25 Years of Action for Biodiversity” organized by The National Service Scheme, St Edmund’s

College in collaboration with N. O. W. Eco-Club, St. Edmnd's College, Shillong held on May 24, 2018.

- National Seminar cum Exhibition on “Earthquake Hazards: Perception, Mitigation and Management” organized by Environmental Watch and Management Institute, Guwahati, Shillong Chapter, Indian Science Congress Association, Kolkata and North-Eastern Hill University, Shillong, Meghalaya held on November 9-10, 2018.
- National Seminar on Recent Advancements in Science and Technology organized by Union Christian College, through the Science Society, in collaboration with North Eastern Space Application Centre (NESAC), Umiam, P.A. Sangma Foundation and College of Post Graduate Studies in Agricultural Sciences (CAU-1), Umiam, from the 12th – 14th June 2019.
- International seminar on “Understanding Water Crisis: The Way Forward” on the 6th – 7th June 2019 at Synod College, Shillong.
- National Conference on “ Relevance of Gandhian Philosophy of Universal Uplift (Sarvodaya) in the contemporary world on the 17th and 18th October, 2019 organized by William Carey University, Meghalaya supported by ICSSR-NERC and NEC.
- One-day International Webinar on Application of geospatial and molecular tools in natural resource conservation and management organized by Department of Ecology and Environmental Science, Assam University, Silchar on the 29th July, 2020.
- International Webinar on “Covid-19 impacts and implications on Environment” organized by the Department of Environmental Sciences, Central University of Jharkhand, Ranchi on the 29th July, 2020.
- One day International Webinar on Covid-19 and its link with Biodiversity conservation: some facts and perspectives organized by Department of Ecology and Environmental Science, EP Odum School of Environmental Sciences, Assam University, Silchar.on the 14th August 2020.
- Webinar on “NEW EDUCATION POLICY - 2020” organized by All India Federation of University and College Teachers’ Organisations (AIFUCTO), India on the 17th August, 2020.
- Webinar on National Education Policy 2020: Emerging Bharat organized by North-Eastern Hill University, Shillong; Shillong Chapter, Indian Science Congress Association;

Students for Holistic Development of Humanity and Centre for Education and Social Studies, Bengaluru on the 25th August, 2020.

- International Webinar on “The Challenges and Scientific Advances of SARS-COV 2” organized by Department of Microbiology Assam University in collaboration with Springer Nature and Society for Environmental Sustainability on the 27th August, 2020.
- National Webinar on “New Education Policy 2020 and Higher Education in India” organised by Dept. of Education, Govt. Zawlnuam College on the 28th August 2020.
- International Webinar on "Fighting Floods for Survival in South Asia" organised by Dept. of History, Govt. Zawlnuam College on the 28th August 2020.
- Virtual Webinar hosted on webex on the theme "Plant Based Technologies for Entrepreneurship Development" organised by Rotary Club of Orchid City Shillong on the 29th August 2020.
- Webinar “Trends in Biomedicine and Life Sciences Publishing and Nuances and Tools of Scientific Publishing” of a webinar series on “All about Scientific Publishing- Trends, Nuances, Tools, Ethics, etc. organized by Springer Nature in collaboration with DeLCON (DBT E-LIBRARY CONSORTIUM) on the 2nd Spetember 2020.
- International Webinar Series- Part 2 on Biodiversity Conservation and Sustainable Development: Issues, Challenges and outcomes” organized by Post Graduate Department of Botany, Brahmananda Keshab Chandra College on the 24th August, 29th August and 4th September 2020.
- One Day National Webinar on “National Education Policy-2020” organized by Department of Economics Studies and Planning, Central University of Karnataka in collaboration with K.L.E. Society’s Shri Kadasiddheswar Arts College and H.S. Kotambri Science Institute, Vidyanagar, Hubballi, Karnataka on the 8th September 2020.
- Webinar “Abstracting and Indexing –how to get index and how to increase research impact” of a webinar series on “All about Scientific Publishing- Trends, Nuances, Tools, Ethics, etc. organized by Springer Nature in collaboration with DeLCON (DBT E-LIBRARY CONSORTIUM) on the September 9, 2020.
- Webinar “Publishing Ethics in Biomedicine and Life Sciences Research” of a webinar series on “All about Scientific Publishing- Trends, Nuances, Tools, Ethics, etc. organized by

Springer Nature in collaboration with DeLCON (DBT E-LIBRARY CONSORTIUM) on the 16th September 2020.

- National Webinar on “Industrial Biotechnology – Scopes & Aspirations” organized by the Department of Biotechnology in collaboration with IQAC, St. Edmund’s College, Shillong on presented by Dr Manash Deep Dey, Scientific Officer, Palamur Biosciences, Hyderabad on the 16th September, 2020
- National Webinar on "Sustainable Development: Battling Environmental Problems through Systematic Lockdown" organised by the Department of Economics and Commerce, Union Christian College in collaboration with The Institute of Chartered Accountants of India (ICAI), Kolkata on the 16th January, 2021.
- National Webinar on “Safety & Security of Women” delivered by Mr Noor Ain Khan, District Judge, Shillong & Member Secretary, Meghalaya State Legal Services Authority. This webinar was organized by IQAC, St. Edmund’s College, Shillong on the 10th April 2021
- Webinar entitled “New species discoveries in Meghalaya and the Importance of Conservation” as part of the “International Day for Biological Diversity, 2021” celebration organized by the Department of Zoology, St. Anthony’s College and the Meghalaya Biodiversity Board on the 22nd May 2021.
- Two Day Webinar on Sustainable Ecosystem Restoration Initiatives & Practices (SERIP 2021) held in the view of World Environment Day 2021, organized by National Institute of Technology Silchar, Assam on the 05 & 07 June 2021.
- National Webinar on “Safety & Security of Women” delivered by Mr Noor Ain Khan, District Judge, Shillong & Member Secretary, Meghalaya State Legal Services Authority. This webinar was organized by IQAC, St. Edmund’s College, Shillong on the 10th April, 2021
- Webinar entitled “New species discoveries in Meghalaya and the Importance of Conservation” as part of the “International Day for Biological Diversity, 2021” celebration organized by the Department of Zoology, St. Anthony’s College and the Meghalaya Biodiversity Board on the 22nd May, 2021

- Two Day Webinar on Sustainable Ecosystem Restoration Initiatives & Practices (SERIP 2021) held in the view of World Environment Day 2021, organized by National Institute of Technology Silchar, Assam on the 5th and 7th June, 2021.
- Online course on “EIA: A Requirement Beyond Clearance” organized by the Centre for Science and Environment, New Delhi from 01st -10th July, 2021
- National Webinar on “Status of Urban Governance in India” organized by the Department of Economics and Sociology on the 26th April 2021
- Webinar on “Start Ups: Prospects & Challenges” delivered by Mr. Jason Manners, Founder & CEO, ROCKSI Group, Shillong, Meghalaya organized by Institute Innovation Cell, St. Edmund’s College, Shillong on the 24th August, 2021
- Webinar on “Forests and Tribal Life (with special reference to the Khasi)”, delivered by, Dr. Rekha M. Shangpliang (Associate Professor, Department of Sociology, North Eastern Hill University, Shillong). The webinar was organised by Sociology Department, St. Edmund’s College, in collaboration with IQAC, St. Edmund’s College, Shillong on the 30th September, 2021
- One Day National Webinar on Waste Management organized by The Science Departments, Synod College under the DBT –Star College Scheme, sponsored by The Department of Biotechnology, Ministry of Science and Technology, Government of India on the 3rd November, 2021.
- Delegate in the World Environment Summit 2021 at India International Centre, New Delhi organized by Environment and Social Development Association (ESDA) Delhi in Association with GRC INDIA | CSIR-NEERI | BRAC-DU | ANU AUSTRALIA | IGNOU DELHI | STE KOLKATA | NESA DELHI | AMITY UNIVERSITY | GDGU GURUGRAM | SHARDA UNIVERSITY | MSMECCII DELHI | DERO KARNATAKA | AAJ DELHI | CAN ASIA from the 1st -3rd October, 2021.
- International Earth Science Conference (IESC) 2022 on Sustainable Development: Challenges and Way Forward organized by the Department of Earth Science, USTM in collaboration with Department of Environmental Science, Tezpur University on the 18th and 19th November, 2022.

- Awareness program on “Sexual Harassment of Women at Workplace, Act” on 21 July, 2023 organized by the Internal Complaints Committee, St. Edmund’s College in collaboration with District Legal Services Authorities and IQAC, St. Edmund’s College.
- International seminar cum webinar on Climate Change: A local, national and global agenda held at St. Edmund’s College on August 16 and 17, 2023 organized by the Department of Geography and IQAC, St. Edmund’s College in collaboration with NABARD, Shillong.
- BIOECONOMY 2023, an International Hybrid conference organized by the Centre for the Environment, Indian Institute of Technology, Guwahati on the 11th and 12th October 2023.
- Training programme on “Biodegradable Waste Management through Composting and Bio-methanation” organized by the Centre for Science and Environment, New Delhi from 26th – 30th October, 2023.

Radio talks on All India Radio (AIR) etc.

- Talk on “**Plastic Culture and its Effects**” on the May 26, 2012.
- Talk on “**Obligation to the future**” on December 27, 2014.
- Talk on “**Indiscriminate dumping of waste and its effects on the environment**” on January 15, 2015.
- Script writing and presenting for the programme Environment on February 11, 2016.
- Talk on “**Van Mahotsav**” on July 29, 2018.
- Panelist for discussion entitled “**Van Mahotsav- Its role in preservation of environment**”
- Talk on “**Menace of Stubble burning**” on December 12, 2018
- Talk on “**Effects of garbage burning**” on December 19, 2018.
- Talk on “**Broomstick: Merits and Demerits**” on April 5, 2019
- Talk on “**International Day of the Preservation of Ozone Layer**” on September 16, 2020
- Talk on “**Causes and Impact of Heat Wave**” on June 29, 2023

Other contributions

- Enumerator in a Research project entitled “Forest Poverty Interaction in Rural Meghalaya” funded by Centre for International Forestry Research (CIFOR), Indonesia organized by the Centre for Environmental Studies, NEHU
- Environment Trainer for the Winter Hive NINOS held during the month of January, 2014
- Judge for the Extempore speech competition of the State Level Youth Programme 2023, Government of Meghalaya, Directorate of Arts and Culture, Shillong, Meghalaya
- Resource person in a one-day programme on “Solid Waste Management with special reference to Vermicomposting” on the 21st October 2023 at Community Hall of Kyndong Nongkyntir, Myllem.