

**Name:** Dr. Jasmine Therese Sawian

**Qualification:** M.Sc. (Gold medalist), NET, Ph.D.

**Date of Joining:** May 29, 2006

**Areas of Interest:** Pollution, Bioresources, Conservation, Traditional Knowledge etc.

### Professional Experience

- Member Board of Studies (BoS) in Environmental Studies, NEHU (2014 onwards)
- Member Moderation Board for Environmental Science, NEHU (2009 onwards)
- Member Moderation Board for Environmental Studies, NEHU (2009 onwards)
- Member of UG Syllabus (NEP 2020) Framing Committee in Environmental Science, NEHU
- Member of the School Board in Human and Environmental Sciences, NEHU (2013-2015; 2019-2021)
- Member of Revision of B.Sc. (H) Environmental Science syllabus
- Member of Revision of (UG) Environmental Studies syllabus
- Member Board of Undergraduate Studies (BUGS) in Environmental Science, NEHU (2009-2014)
- Academic Counsellor, IGNOU
- Member of IQAC, St. Edmund's College, Shillong
- Member of the District Level Environment Impact Assessment Authority (DEIAA), Government of Meghalaya (2018-2020)
- Member of the District Level Expert Appraisal Committee (DEAC), Government of Meghalaya (2017-2019)

### Research Project:

- **2023-2026: Co-PI** in the DBT-NER Advance level Institutional Biotech Hub at St. Edmund's College, Shillong, Meghalaya (Phase-II), sponsored by Department of Biotechnology, Ministry of Science & Technology, GOI.
- **2006:** Course-based Undergraduate Research Experience (CURE) programme of the Central Instrument & Research Facility, SEC sponsored by St. Edmund's College, Shillong.

### Publications:

- Sawian, C.E., Susngi, A.M., Manners, B. and **Sawian, J.T.** 2023. **Myrica esculenta**. In: Himalayan Fruits and Berries: Bioactive compounds, uses and nutraceutical potential, T. Belwal, I. Bhatt and H. Devkota (eds.), Elsevier Inc., Academic Press, pp: 287-303. (ISBN: 978-0-323-85591-4)
- Jeengaph, L., Swer, L., **Sawian, J.T.** and Bora, R. 2023. **Wild edible plants (WEPs) of Dkhiah village, Jaintia Hills District, Meghalaya**. International Centre for Scientific Research and Development 1(1): 100-108.
- Kharbani, J. and **Sawian, J.T.** 2022. **A study of the ITK used in fisheries and Bioresources of Lai Lyngdoh area, West Khasi Hills, Meghalaya**. 2022. Spectrum: Science and Technology 9(1): 57-68.
- **Sawian, J.T.** and Dkhar, B. 2021. **Medicinal plants in the home gardens in Nongkrem, East Khasi Hills, Meghalaya**. In: Biodiversity Conservation and Sustainable Development, K. Dharmar and R. M. Sujin

(eds.), Research Department of Botany, Pasumpon Thiru Muthuramalinga Thevar Memorial College, Tamil Nadu, pp: 138-155 (ISBN: 978-93-5437-491-3)

- Sungoh, A., Jeengaph, L., Jeeva, S. and **Sawian, J.T.** 2021. **A study on the Nongkhylllem Wildlife Sanctuary in Ri-Bhoi District, Meghalaya.** 2021. In: Biodiversity Conservation and Sustainable Development, K. Dharmar and R. M. Sujin (eds.), Research Department of Botany, Pasumpon Thiru Muthuramalinga Thevar Memorial College, Tamil Nadu, pp: 299-315 (ISBN: 978-93-5437-491-3)
- Suchiang, D., Sumer, B., Sumer, E., Jeengaph, L. and **Sawian, J.T.** 2021. **A study on the diversity of faunal species found in Myntdu river, West Jaintia Hills District, Meghalaya.** In: Recent Advancements in Science and Technology, D. Nongsiang, D. Paul and J.C.P. Marak (eds.), Sara Book Publication, Gujarat (ISBN: 978-81-953072-3-4)
- **Sawian, J.T.** and Nemhoihkim, E. 2019. **A survey of edible fresh fish resources in lewduh (Bara Bazaar) in Shillong, Meghalaya.** Spectrum: Science and Technology 6: 11-20.
- **Sawian, J.T.,** Jeengaph, L. and Khongwir, M. 2018. **The Contribution of Indigenous Knowledge of the Khasis in Ecosystem Management.** In: Climate Change and Developing Countries (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)
- Khongwir, M., Rynjah, I., Jeengaph, L. and **Sawian, J.T.** 2017. **Assessment of Physicochemical and biological characteristics of selected springs in Shillong, Meghalaya.** In: Exploring Chemistry- Interface with Human Welfare (eds, M. N. Bhattacharjee, D.L. Buam, C. Masharing, B. M. Laloo, EBH Publishers (India), Guwahati. (ISBN – 978-93- 83252-65-7)
- **Sawian, J.T.,** Lyndem, F.G., Pyrbot, W. Jeengaph, L. and Laloo, R.C. 2017. **Impact of domestic discharge on the water quality of river Umkhrach in Shillong, Meghalaya.** In: Environmental Degradation (eds, K.R. Sinha and Yvonne B. Nongrum). EBH Publishers, India. (ISBN: 9789386302021)
- **Sawian, J.T.** 2016. **A study on the pollution removal efficiency of three aquatic plants on the waters of river Umkhrach in Shillong, Meghalaya.** In: Proceedings of the International Conference on Water Resource Management in the Eastern Himalayan Region organized by St. Anthony's College, Shillong in collaboration with Meghalaya Water Resources Development Agency, Government of Meghalaya on November 4-5, 2015. (ISBN: 978-81-910147-4-7)
- **Sawian, J.T.** and Dohling, E. 2016. **Anthropogenic threats to orchids in Meghalaya with special reference to trade in wild orchids.** In: Biodiversity and Environmental Conservation, (ed., K. Upadhaya). Discovery Publishing House Pvt. Ltd., New Delhi. (ISBN 978-93-5056-775-3)
- **Sawian, J.T.** and Hrangchal, D.L. 2015. **Youth and their potential for change.** In: Role of National Service Scheme in Nation Building, (ed., L. Kma). Excel Publishers, New Delhi, pp: 26- 34. (ISBN – 978-93-84868-78-6)
- Sumer, E., Rynjah, I., Jeengaph, L., Suchiang, D., Khongwir, M. and **Sawian, J.T.** 2015. **Remote Sensing and GIS Technology: Its Applications.** 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).
- **Sawian, J.T.,** Lyndem, F.G., Laloo, R.C. and Jeeva, S. 2014. **Mining and its Impacts on Aquatic Plants: A Case Study from Jaintia Hills of Meghalaya.** In: Biodiversity in India, (eds., T. Pullaiah, S. Karuppusamy, S. Sandhya Rani). Regency Publications, New Delhi. (ISBN 978- 81-8923-392-1)
- Jeeva, S., Lyndem, F.G., **Sawian, J.T.** and Laloo, R.C. 2011. **Myrica esculenta Buch.-Ham.Ex D.Don.- a potential ethnomedicinal species in a subtropical forest in Meghalaya, northeast India.** Asian Pacific Journal of Tropical Biomedicine (pp: S174-S177). ISSN 2221-1691
- Jeeva, S., Kingston, C., Kiruba, S. Kannan, D. and **Sawian, J.T.** 2011. **Medicinal Plants in the Sacred Forests of Southern Western Ghats.** Experimental Phytochemical Techniques (ed., N. Raaman), New India Publishing

Agency, New Delhi. (ISBN978-93-8023594-3)

- **Sawian, J.T.**, Lyndem, F.G., Laloo, R.C. and Jeeva, S. 2008. **Water pollution in relation to Human Health**. In: Environmental Studies, (ed., K.R. Gupta, M.A. Jankowska, K. Bosselmann and Pransanjit Maiti). Atlantic Publishers, New Delhi. (ISBN 978-81-269-0847-9)
- **Sawian, J.T.**, Jeeva, S., Lyndem, F.G., Mishra, B.P. and Laloo, R.C. 2007. **Wild edible plants of Meghalaya, northeast India**. Natural Product Radiance 6 (4):410-426.
- Kingston, C., Jeeva, S., Shajini, R.S., Lyndem, F.G., **Sawian, J.T.**, Laloo, R.C. and Mishra, B.P. 2006. **Anti-venom drugs used by indigenous community in traditional healthcare system**. Journal of Nature Conservation 18 (1): 137–143.

#### Research Papers delivered:

- **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, on June 12-14, 2019.
- **A study on the fishing methods and fishing gears operated in Umngi river in Balat, Meghalaya**, in the National seminar on Biodiversity – A resource for future sustenance organized by the Department of Botany and Research Centre, Scott Christian College on September 27-28, 2018.
- **Bioresources and their uses in Khatar Shnong area, Meghalaya** in the Seminar on Judicious and Prudent Use of Renewable and Non-Renewable resources in India organized by William Carey University, Shillong sponsored by North Eastern Council, Department of Atomic Energy and Indian Council of Social Science Research in collaboration with Bio-resource Development Centre and Meghalaya Institute of National Resources on September 21-22, 2017.
- **A study on the pollution removal efficiency of three aquatic plants on the waters of river Umkhrah in Shillong, Meghalaya** in International Conference on Water Resource Management in the Eastern Himalayan Region organized by St. Anthony's College, Shillong in collaboration with Meghalaya Water Resources Development Agency, Government of Meghalaya on November 4-5, 2015.
- **A survey of bioresources of Khatar Shnong area in Meghalaya, India** in National Symposium on Bioresources and Sustainable Development and 2<sup>nd</sup> 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.
- **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.
- **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.
- **Youth and their potential for change** in National Seminar on Role of National Service Scheme in Nation Building: Scope and Challenges organized by NSS Cell, NEHU on March 5-6, 2015.

- **Diversity of plants in the home-gardens of Shillong, Meghalaya** in National Conference on Biodiversity: Challenges and Issues organized by the Albert Einstein Science Institute, Northeast Region, Shillong on June 5-6, 2014.
- ***Prunus nepalensis* L. – a lesser known indigenous fruit of Meghalaya** in National Conference on Biodiversity: Challenges and Issues organized by the Albert Einstein Science Institute, Northeast Region, Shillong on June 5-6, 2014.
- **Anthropogenic threats to Orchids in Meghalaya** in National Conference on Biodiversity: Challenges and Issues organized by the Albert Einstein Science Institute, Northeast Region, Shillong on June 5-6, 2014.
- **Impact of Tributary Discharge on the water quality of River Umkhras in Shillong, Meghalaya** in National Conference on Biodiversity and Environment NCBE – 2014 organized by the United Board Heber Partnership for Environmental Action in Shillong Science Centre, NEHU on February 10-12, 2014.
- **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.
- **Impact of domestic discharge on the water quality of River Umkhras in Shillong, Meghalaya** in National Seminar on Burning Environmental Issues: Risk to Biodiversity and Human Health, with special reference to North East India organized by Saint Mary's College, Shillong on May 15-16, 2013.
- **Effect of coal stock drainage on the soil fertility and plant productivity (paddy) in Jaintia Hills District, Meghalaya** in National Seminar on Burning Environmental Issues: Risk to Biodiversity and Human Health, with special reference to North East India organized by Saint Mary's College, Shillong on May 15-16, 2013.
- **Bioaccumulation of pollutants including heavy metals in aquatic plants** in National Seminar on Toxicity of chemicals & their hazards with special reference to Heavy metals organized by St. Edmund's College, Shillong on October 24, 2008.
- **Biomagnification of toxic chemicals in aquatic systems: A case study** in National Seminar on Toxicity of chemicals & their hazards with special reference to Heavy metals organized by St. Edmund's College, Shillong on October 24, 2008.
- **Diversity of wild edible fruits used by the Khasi and Jaintia tribes of Meghalaya** in National Seminar on Biodiversity: Exploration, Conservation and Utilization of Plant Resources with special reference to North East India organized by North East Biotechnological Consortium held at Indian Institute of Entrepreneurship, Guwahati on December, 18-19, 2007.
- **The water quality of river Sutnga, Jaintia Hills, Meghalaya: Impact of Acid Mine Drainage** in International conference on **Current Trends in Algal Bioresource Utilization** organized by the Department of Ecology and Environmental Science, Assam University, Silchar on December 4-6, 2006. **[1<sup>st</sup> prize – Poster Presentation]**
- **Diversity of Algae from Stress Environments in Barak valley of South Assam and its characterization** in International conference on **Current Trends in Algal Bioresource Utilization** organized by the Department of Ecology and Environmental Science, Assam University, Silchar on December 4-6, 2006.
- **Assessment of water quality and primary productivity of two aquatic ecosystems of Meghalaya, northeast India** in International conference on **Current Trends in Algal Bioresource Utilization** organized by the Department of Ecology and Environmental Science, Assam University, Silchar on December 4-6, 2006.

### Orientation Course/ Refresher Course:

- **6<sup>th</sup> Orientation Course** organized by the Academic Staff College, NEHU from February 25-March 25, 2010.
- **Refresher Course in Environmental Science** organized by the Academic Staff College, NEHU from June 26-July 16, 2010.
- **Refresher Course in Disaster Management** organized by the Academic Staff College, NEHU from September 25-October 15, 2014.
- UGC-Sponsored **Refresher Course on Environmental Sciences** organized by Human Resource Development Centre, Kumaun University, Nainital from September 14-28, 2020.

### Short term Course/ Faculty Development Programme:

- **Short term course in Environmental Sciences** organized by the University Grants Commission Human Resource Development Centre from October 5-10, 2015.
- Faculty Development Programme (FDP) on **Role of SWAYAM in Higher Education Planning and Designing an outcome-based learning MOOCs** organized by the IQAC St. Edmund's College, Shillong from October 16-19, 2023.
- 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 March 6-14, 2023.
- Five Day Online Faculty Development Programme on **Online Pedagogical Tools and Techniques and Blended Learning** organized by Internal Quality Assurance Cell (IQAC), St. Anthony's College from September 8-12, 2020.
- One week **Faculty Development Programme on Moodle** organized by K.L.E. Society's Shri Kadasiddheshwar Arts College & H.S. Kotambri Science Institute, Vidyanagar, Hubballi from September 4-10, 2020.
- Virtual Faculty Development Program on **Importance of Cross-Disciplinary Research in the Post COVID-19 Scenario: Social Perspectives** organized by Royal Global University held from June 16-23, 2020.

### Seminars/Workshops/Training Programmes etc. attended/ organized:

- International seminar cum Webinar on **Climate Change: A local, national and global agenda** held at St. Edmund's College, Shillong organized by the Department of Geography and IQAC, St. Edmund's College, Shillong in collaboration with NABARD, Shillong on August 16-17, 2023.
- Workshop on **Salad Designing** organized by the Culinary Club with Resource person Dr. Sanjivan Goswami on May 15, 2023. **[Organizing Committee]**
- Seminar on **Climate Change** organized by the Department of Environmental Science, IQAC of St. Edmund's College and Science Club of St. Edmund's College in collaboration with the National Academy of Customs, Indirect Taxes and Narcotics (NACIN), Government of India, Shillong, on April 13, 2023. **[Organizing Committee]**
- Judging panel in the **SDGs Model Making Competition on Sustainable Development Goals** organized by Mutanoia Club, Department of Biotechnology, St. Anthony's College, Shillong on April 1, 2023.

- Awareness Programme on **Digital Literacy** organized by the Women Cell, SEC in collaboration with Meghalaya State Commission for Women and Cyber Cell, Shillong on March 9, 2023.
- Seminar to **Celebrate the 180<sup>th</sup> Anniversary of the Khasi Written Language & Literature** organized by the Khasi Department, SEC on December 9, 2022.
- Workshop on **Happiness – positivity and productivity** organized by IQAC, SEC and Ananda – Rekhi Centre for Happiness, The Assam Kaziranga University on the June 5, 2022.
- National Conference on **Relevance of Gandhian Philosophy of Universal Uplift (Sarvodaya) in the Contemporary World** organized by William Carey University, Meghalaya supported by ICSSR-NERC and NEC on October 17-18, 2019.
- 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, on June 12-14, 2019.
- International seminar on **Understanding Water Crisis: The Way Forward** on June 6-7, 2019 at Synod College, Shillong.
- 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.
- 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.
- 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.
- Orientation Programme for the STAR College Departments at the Institutional Biotech Hub, St. Edmund's College organized under STAR STATUS Scheme, St. Edmund's College, Shillong on May 25, 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.
- 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.     **[Organizing Committee]**
- International Conference on **Water Resource Management in the Eastern Himalayan Region** organized by St. Anthony's College, Shillong in collaboration with Meghalaya Water Resources Development Agency, Government of Meghalaya on November 4-5, 2015.
- National Symposium on **Bioresources and Sustainable Development and 2<sup>nd</sup> 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.

- District Level NSS Meet 2015 (East Khasi Hills & Ri Bhoi Districts) held at Union Christian College, Umsaw Khwan from October 19-21, 2015.
- International Seminar (CC 2015) **Climate Change: Impact on Developing Countries** organized by Union Christian College from October 15-17, 2015.
- National Seminar on **Exploring Recent Advances in Chemistry in Service for mankind** organized by Department of Chemistry, Shillong College on July 30-31, 2015.
- National Seminar on **Role of National Service Scheme in Nation Building: Scope and Challenges** organized by NSS Cell, NEHU on March 5-6, 2015.
- Workshop on **Evaluation and Paper Setting** organized by the Examination Department, NEHU, Shillong at the Multi-Use Convention Centre at NEHU on December 4-5, 2014.
- Workshop on **Co-processing of Wastes in Cement, Thermal Power Plant and Iron & Steel Industries** organized by the Central Pollution Control Board, North Eastern Zonal Office, Shillong on October 31, 2014.
- One day Seminar on **Religion, Science and Magic** organized by Sociology Department, St. Edmund's College, Shillong on October 29, 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.
- Workshop on **Capacity Building in Effective Management of Intellectual Property Rights (IPRs) in Biotechnology by Universities and Research Institutes in Meghalaya** organized by St. Anthony's College on September 22-23, 2014.
- State Level Training on **Blood Donor Motivation and Recruitment** organized by Meghalaya AIDS Control Society and Meghalaya State Blood Transfusion Council on May 29, 2014.
- Workshop on **Evolving Strategies for Enhancing Conservation & Management of Private and Community Forests: Analysis of Policies and Programmes in the State of Meghalaya** organized by the Regional Centre, National Afforestation & Eco-Development Board, NEHU on March 26–28, 2014.
- Workshop on **Bio Medical Waste Management** organized by the Central Pollution Control Board, North Eastern Zonal Office, Shillong on March 6, 2014.
- One Day State Level Training of NSS/RRC Nodal Officers and Peer Educators organized by Meghalaya Aids Control Society in collaboration with NSS (National Service Scheme) NEHU, Shillong on November 26, 2013.
- International Seminar on **Attracting Best Talents in Basic Sciences** organized by Shillong College in collaboration with IQAC Shillong College on July 24-25, 2013.
- National Seminar on **Inclusive Development – Bridging the Gap** organized by the Department of Social Work, St. Edmund's College, Shillong on June 7-8, 2013.
- Workshop on **Development of a Source Book on Indigenous methods of Conservation and Sustainability in N.E. region** organized by the North East Regional Institute of Education, NCERT, Shillong on December 5-6, 2012.
- Programme on **The Edmund Rice Capacity Building** held at St. Edmund's College, Shillong on February 10-11, 2012.
- Workshop on **Development of a Source Book on Indigenous methods of Conservation in North Eastern India** organized by the North East Regional Institute of Education, NCERT, Shillong on December 5-8, 2011.
- Workshop on **Changing Paradigm in College Education – Problems and Challenges** organized by the Meghalaya Economic Association in collaboration with IQAC, St. Edmund's College, Shillong on the October 29, 2011.

- Workshop on **Familiarization & Integration with North East** organized by the Ministry of Youth Affairs & Sports, Government of India at NEHU, Shillong, Meghalaya on April 7–9, 2011.
- 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.
- Training programme on **Social Harmony and National Unity** organized by the National Service Scheme (NSS) Regional Centre, Guwahati in collaboration with the Rajiv Gandhi National Institute of Youth Development, Sriperumbudur on February 16-20, 2009.
- National Seminar on **Toxicity of chemicals & their hazards with special reference to Heavy metals** organized by St. Edmund’s College, Shillong on October 24, 2008.
- National Seminar on **Nuclear Science and its Applications in various fields** organized by the Internal Quality Assurance Cell (IQAC), St. Mary’s College, Shillong on May 15-16, 2008.
- National symposium on **Frontiers in Biocomplexity and Biodiversity in plants** organized by the Centre for Advanced Studies in Botany, North Eastern Hill University, Shillong, Meghalaya on March 14-15, 2008.
- International Conference on **Water Resource Management: Challenges and Opportunities in the 21<sup>st</sup> century** organized by Assam University, Silchar in collaboration with Ministry of Human Resource Development, Government of India and Shastri Indo-Canadian Institute, New Delhi on April 23-25, 2007.
- Regional Symposium on **Current Research Thrust in Animal Sciences: Interfaces with End Use Researchers and Stake Holders** organized by the Department of Zoology, North-Eastern Hill University, Shillong from march 15-16, 2007.
- International conference on **Current Trends in Algal Bioresource Utilization** organized by the Department of Ecology and Environmental Science, Assam University, Silchar on December 4-6, 2006.
- National Symposium on **Issues and Challenges for Conservation of plants and ecosystems in India** organized by the Department of Botany, NEHU, Shillong from November 2-3, 2006.
- Three-day workshop on **Enhancing Personal Excellence in Classroom Communication Skills of College Teachers** organized by the Centre for Educational Beyond Curriculum, Christ College, Bangalore on October 5-7, 2006.
- **Seminar cum Workshop on Music** organized by the Syngkhong Kyntiew Ri, St. Edmund’s College Unit, Shillong on September 28-29, 2006.

#### **Webinars/Online Workshops/Online Training programmes participated/organized –**

- Training programme on **Biodegradable Waste Management through Composting and Bio-methanation** organized by the Centre for Science and Environment, New Delhi from October 26-30, 2023.
- Online Training on **IEC (Information, Education and Communication) and BCC (Behavior Change Communication) in Solid Waste Management** organized by the School of Circular Economy, Centre for Science and Environment from February 7-11, 2022.
- National Webinar on **Research Writing** organized by Xavier Board of Higher Education in India Eastern & North Eastern (XBHEI-E&NE) Region on April 21, 2023.
- Webinar on **Significance of Healthy Diet in our Life** organized by the Culinary Club in collaboration with Internal Quality Assurance Cell (IQAC) St. Edmund’s College, Shillong presented by Ms. Balasara S. Lyngdoh (Assistant Dietician) NEIGRIHMS on September 7, 2022. **[Organizing Committee]**
- Webinar on **Impact of Climate Change** organized by Indian Polar Research Network (IPRN) and Association of Polar Early Career Scientists (APECS) on June 11, 2022.



- Workshop on **Happiness – positivity and productivity** organized by IQAC, SEC and Ananda – Rekhi Centre for Happiness, The Assam Kaziranga University on June 5, 2022.
- 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 August 24, 2021. **[Organizing Committee]**
- Webinar on **Commemorating the 186th Death Anniversary of Tirof Sing (1835-2021)** organized by ka Thiar Lyngwiar Dpei Society in collaboration with IQAC, St. Edmund's College on July 17, 2021.
- Webinar on Research Opportunities in Wildlife Studies organized by the Department of Environmental Science, St. Edmund's College under the DBT Star College Scheme on July 15, 2021. **[Organizing Committee]**
- Webinar on Aspiring Civil Services: Pathways to possibilities organized by the National Service Scheme, St. Edmund's College on July 10, 2021. **[Organizing Committee]**
- Webinar on **Role of Apex Court in validating the importance of Sustainable Development in India, with special reference to tribal rights** organized by the Department of Environmental Science, St. Edmund's College on July 3, 2021. **[Organizing Committee]**
- National webinar on **Real time resilience in Covid** times delivered by Ms. Naphisabet Kharsati, Clinical Psychologist, SAN-KER, Shillong, Meghalaya organized by the Department of Biotechnology in collaboration with IQAC, St. Edmund's College on June 28, 2021.
- Webinar on **Tribal Rights** organized by NSS, St. Edmund's College on June 26, 2021. **[Organizing Committee]**
- Webinar on **Impact of COVID-19 pandemic on Social work education** organized by the Department of Social Work-PG (MSW), St. Edmund's College on June 25, 2021.
- Webinar on **Mental Health and Stress Management** delivered by Dr. Didakamiwan Khonglah, MBBS, MD (Psych), SAN-KER, Centre for Mental Health and Neurology, Shillong organized by the Department of Computer Science, under the DBT Star College Scheme in collaboration with Internal Quality Assurance Cell (IQAC), St. Edmund's College, Shillong on June 24, 2021.
- Online Training Programme on **Earthquake Risk Preparedness in North East India** organized by National Institute of Disaster Management, Ministry of Home Affairs, Govt. Of India in collaboration with North-Eastern Hill University, Shillong on June 12, 2021.
- Webinar on **Understanding POCSSO Act** organized by the Department of Social Work-PG (MSW), St. Edmund's College on June 11, 2021.
- Webinar on **Faunal Biodiversity in Extreme Ecosystems** delivered by Dr. Shivam Shrotriya organized by the Department of Environmental Science, St. Edmund's College under the DBT, Star College Scheme in collaboration with NSS and IQAC, St. Edmund's College on the occasion of International Day of Biodiversity Celebration on May 22, 2021. **[Organizing Committee]**
- **Azadi Ka Amrit Mahotsav Lecture Series on Geology** of North-Eastern India commemorating 75 years of Indian Independence organized by Department of Geology, NEHU, Shillong and Geological Survey of India – NER, Shillong on April 29, 2021.
- National webinar on **Safety & Security of Women** delivered by Mr. Noor Ain Khan, District Judge, Shillong & Member Secretary, Meghalaya State Legal Services Authority organized by IQAC, St. Edmund's College, Shillong on April 10, 2021.
- Webinar on **Biomedical prospects of silk at the nanoscale** organized by the Department of Biotechnology, St. Anthony's College, Shillong on January 15, 2021.
- Webinar on **Remote Sensing and GIS Concepts: Applications and Prospects** organized by the Department of Environmental Science and Internal Quality Cell (IQAC), St. Edmund's College on

December 17, 2020. **[Organizing Committee]**

- National webinar on **Working Environment & Mental Health status of Working Women: Issues and Challenges** jointly organized by National Commission for Women, Delhi and St. Edmund's College, Shillong in collaboration with IQAC St. Edmund's College, Shillong on December 15, 2020.
- International webinar on **Impact of COVID-19 Pandemic: The road ahead** organized by IQAC, Shillong Commerce College, Shillong on December 4-5, 2020.
- National webinar on **Industrial Biotechnology Scopes and Aspirations** organized by the Department of Biotechnology in collaboration with IQAC, St. Edmund's College, Shillong on September 16, 2020.
- A lecture on **Personal Digital Archives: Studying the Past in the Future** by Prof. Sudheendra Hangal in Ashoka University's series Scientifically Speaking on September 8, 2020.
- Webinar on the theme **Plant based Technologies for Entrepreneurship development** organized by Rotary Club of Orchid city, Shillong on August 29, 2020.
- International webinar on **Fighting Floods for Survival in South Asia** organized by Department of History, Zawlnuam College on August 28, 2020.
- National webinar on **New Education Policy 2020 and Higher Education in India** organized by Department of Education, Zawlnuam College on August 28, 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 August 27, 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 August 25, 2020.
- National webinar on **Is the pandemic lockdown a green moment for biodiversity** organized by Departments of Zoology and Botany, Sophia Girls' College (Autonomous), Ajmer on August 24-25, 2020.
- International webinar presented by Dr. Debayan Ghosh, Founder and President, Epygen Biotech Ltd., Dubai, UAE organized by the Department of Biotechnology and Chemistry in collaboration with IQAC, St. Edmund's College on August 22, 2020.
- Webinar on **Permaculture Garden: A path towards food security** organized by Foundation for Environmental Education, Green Growth Asia Foundation on August 20, 2020.
- Webinar on **New Education Policy – 2020** organized by All India Federation of University and College Teachers' Organisation (AIFUCTO) on August 17, 2020.
- International webinar on **Covid-19 and its links with Biodiversity conservation: Some facts and perspectives** organized by Department of Ecology and Environmental Science, E.P. Odum School of Environmental Sciences, Assam University, Silchar on August 14, 2020.
- National webinar on **Effective Use of Library E-Resources** organized by Department of Library & Information Science on August 13, 2020.
- Webinar on **Vikram Sarabhai Centenary Talks** with Prof. R. R. Elangovan, Scientist (Retd.), Vikram Sarabhai Space Centre conducted by TEAM 2020 community on August 12, 2020.
- International webinar on **COVID-19 impacts and implications on Environment** organized by the Department of Environmental Science, Central University of Jharkhand, Ranchi on August 11, 2020.
- Lecture on **Move it! With motor proteins** delivered by Dr. Vaishnavi Ananthanarayan organized By Ashoka University as a part of the Ashoka University's series Scientifically Speaking on August 11, 2020.

- International webinar on **Impact of Aerosol on Clouds and Climate** organized by Department of Physics, CMS College, Kottayam on August 8, 2020.
- Lecture on **Space Debris Management** with Prof. R. Arunachalam, Scientist (Retd.) conducted by TEAM 2020 community on August 7, 2020.
- International Colloquim on **Emerging from the Virus Crisis – Disruptive Challenges in Higher Education** organized by Sacred Heart Institute of Management Studies (SHIMS), Sacred Heart College (Autonomous), Tirupattur Dt, Tamilnadu on August 6-7, 2020.
- Seven days E-workshop on **Use of ICT Tools for Smart Teaching** organized by Central Library and IQAC, Arya Vidyapeeth College, Guwahati in collaboration with National Power Training Institute, Guwahati held from July 27 to August 2, 2020.
- Lecture on **Living Matter and Matter brought to Life** by Prof. Sriram Ramaswamy as a part of the Ashoka University's series Scientifically Speaking on July 28, 2020.
- International Web Conference on **Recent Advances in Science (IWCRAS 2020)** organized by Department of Physics and IQAC, Don Bosco College, Tura from July 30-31, 2020.
- One-Day International Webinar on **Application of geospatial and molecular tools in natural resource conservation and management** organized by the Department of Ecology and Environmental Sciences, Assam University, Silchar on July 29, 2020.
- International **Webinar on Relevance of Open Innovation in R&D in Post Pandemic Situation** organized by Department of Library, Purbasthali College on July 26, 2020.
- Webinar on **Access and Usage of Online E-resources** organized by IQAC College of Teacher Education (PGT), Shillong in collaboration with Assam College Librarians' Association (ACLA) on July 23, 2020.
- Webinar on **Characterizing viruses: From deadly pathogens to the workhorses of gene therapy** organized by Labroots on July 23, 2020.
- Webinar on **Antibiotic Resistance** organized by Mizoram University on July 17, 2020.
- Webinar on **COVID-19: A clinical lab's response to a pandemic** organized by Labroots on July 15, 2020.
- Scientific Lecture on **Insects are Us**, in the series Scientifically Speaking: Season 2 – Lecture 1 organized by Ashoka University on July 14, 2020.
- Online Course on **Segregation and Composting for Sustainable Waste Management** organized by the School of Circular Economy, Centre for Science and Environment from June 30 to July 14, 2020.
- Webinar on **Positive minds, positive vibes, positive life – A fight against depression** organized by NSS Unit-8, KLE College of Pharmacy, Bengaluru in association with NSS Regional Directorate, Bengaluru on July 9, 2020.
- National Training Programme on **Earthquake Risk Mitigation** jointly organized by National Institute of Disaster Management, Ministry of Home Affairs and North-Eastern Hill University, Shillong from July 8-10, 2020.
- International webinar on **Different Cloud Platforms** organized by St. Alphonsa College, Tamil Nadu and St. Anthony's College, Shillong held on July 4, 2020.
- Workshop on **Swachhatha Action Plan (SAP)** organized by NSS, St. Edmund's College on July 3, 2020. **[Organizing Committee]**
- National Webinar on **Teaching-Learning Methods and Practices on Digital Platform: Understanding and Developing MOOCs** organized by Swayam-MOOC cell on June 11, 2020.
- National Webinar on **Key Insights on Intellectual Property Rights: An interface and Emerging Issues** organized by The Internal Quality Assurance Cell (IQAC), Patna Women's College (Autonomous), Patna University.

- Webinar on **Time for Nature** organized by Saindur Enviro in collaboration with Rotary Club of Orchid City, Shillong and Rotaract Club of NEHU, Shillong on June 5, 2020.

#### **Radio talks (AIR)**

- A talk on **Landfills and its health issues** on February 25, 2020.
- A talk on **Littering and its environmental impacts** on February 25, 2020.
- A talk on **Role of Women in Plastic Waste Disposal** on January 23, 2020.
- A talk on **Effects of Air Pollution on health** on May 28, 2019.
- A talk on **How to beat Air Pollution (on World Environment Day)** on May 28, 2019.
- A talk on **World Water Day** on March 19, 2019.
- A talk in Khasi on **Wildlife Week** on September 26, 2018.
- A talk in Khasi on **Van Mahotsav** on June 26, 2018.
- A talk in Khasi on **Environment Protection Day** on November 21, 2017.
- A talk in Khasi on **World Day to Combat Desertification and Drought** on June 20, 2017.
- A talk in Khasi on **World Forestry Day** on March 27, 2017.
- A talk on **Destruction of forests and its effects** on June 3, 2016.
- A talk on **World Environment Day** on June 3, 2016.
- A talk on **Orchids of Meghalaya – threats and conservation** on December 22, 2015.