



Mr. Stevenson Thabah
Assistant Professor
Department of Biotechnology and Biochemistry

ACADEMIC QUALIFICATIONS:

- MSc Biotechnology NEHU (2008)

Research Interest: Microbiology, Environmental Microbiology

OTHER QUALIFICATIONS:

- Cleared the Junior Research Fellowship (JRF) and Eligibility for Lectureship (NET) examination held by CSIR-UGC on the 23rd December, 2007.
- Cleared the Junior Research Fellowship (JRF) and Eligibility for Lectureship (NET) examination held by CSIR-UGC on the 22nd June, 2008.
- Cleared the Junior Research Fellowship (JRF) and Eligibility for Lectureship (NET) examination held by CSIR-UGC on the 20th December, 2009.

Research Projects

- Completed a UGC-Minor Research Project “**Effect of Pretilachlor acid and other agrochemicals on rice field bacterial microflora in the state of Meghalaya, India with emphasis on resistance and biodegradation**” as Co-Investigator.

PUBLICATIONS:

➤ In Journals:

- Effect of pretilachlor on rice field bacteria of Sung Valley of Meghalaya. Thyanswer Challam, **Stevenson Thabah**. 2016. **Spectrum: Science and Technology** Vol. 3 pp. 116-132. ISSN 2349-2937.
- Studying the impact of four pre-emergence herbicides on paddy-field soil microflora. Thyanswer Challam, **Stevenson Thabah**. 2018. International Research Journal of Management Sciences & Technology, Vol.9 www.IRJMSST.com **International Journal of Scientific Research**, Vol. 5 (3), pp. 108 - 109. ISSN 2277 – 8179.
- Performance Evaluation of Native Plant Growth-Promoting Bacteria Associated with Organic Tea Plantations for Development of Bioinoculants for Crop Plants. **Stevenson Thabah**, S.R. Joshi. 2024. **Current Microbiology** 81:444. <https://doi:10.1007/s00284-024-03962-9>

➤ Book Chapters:

- **Thabah, Stevenson** & Joshi, S.R. (2022). Plant growth promoting rhizobacteria from the perspectives of tea plantations and diseases. In: Harikesh Bahadur Singh, Anukool Vaishnav(eds) New and Future Developments in Microbial Biotechnology and Bioengineering (pp.315-332). <https://doi.org/10.1016/B978-0-323-85163-3.00005-3>.
- Chettri U., Rai A.K., **Thabah S.**, Joshi S.R. (2022) Production of Malt-Based Beverages. In: Verma P. (eds) Industrial Microbiology and Biotechnology. Springer, Singapore (pp 279-306). https://doi.org/10.1007/978-981-16-5214-1_1.

Seminar(s)/ Workshop(s)/ Training Programme(s) attended/ participated/ presented a paper in/ was a Resource Person in:

1. Participated in the 96th Indian Science Congress held at North Eastern Hill University, Shillong, 3rd -7th January 2009.
2. Participated in Workshop on "Examination Reforms" organized by St. Anthony's College, Shillong, 9th September 2009.
3. Participated in National Seminar on "Global Trends in Modern Chemistry" organized Department of Chemistry, St. Anthony's College, Shillong, 7th -8th December 2010.
4. Participated in National Workshop on "Emerging Trends in Nano Chemistry 2011" organized Department of Chemistry, St. Anthony's College, Shillong, 20th-21st September 2011.
5. Participated in Workshop on "Question Paper Setting" organized by St. Anthony's College, Shillong, 19th November 2012.
6. Participated in Workshop on "Reconceptualisation of Education and Reconstruction of Pedagogy for 21st Century" organized by St. Anthony's College, Shillong, 16th February 2013.
7. Participated in Workshop on "Training in Research Techniques and Applications" organized by Research Cell, IQAC, St. Anthony's College, Shillong, 20th -21st March 2013.
8. Was a resource person for Workshop on "Biological Techniques and Tools" organized by Department of Biotechnology and Biochemistry, St. Anthony's College, Shillong, 19th -26th July 2013.
9. Was a resource person for Workshop on "Analytical Techniques in Biotechnology" organized by DBT funded Institutional Biotech Hub, St. Anthony's College, Shillong, 27th -29th March 2014.
10. Member of Organizing Committee for Regional Poster Competition organized by the Department of MSc Biotechnology, St. Anthony's College, Shillong, 26th April 2014.
11. Member of Organizing Committee for DBT Star College sponsored Poster Competition on "Adapting to Climate Change: Your Subject's Perspective" organized by the Department Department of Biotechnology and Biochemistry, St. Anthony's College, Shillong, 4th June 2014.
12. Was a resource person for Summer Training of B.Tech Students of Gauhati University for Promotion of Networking under DBT- Star College Scheme organized by the Department of Biotechnology and Biochemistry, St. Anthony's College, Shillong, 22nd -28th July 2014.

13. Member of Panel Discussion for Book Fair and Literary Interactions 2014 organized by St. Anthony's College, Shillong and Directorate of Information and Public Relations, Government of Meghalaya, 31st July to 2nd August 2014.
14. Participated in Faculty Development Programme 2014 on Research Capability Enhancement organized by Research Cell, IQAC, St. Anthony's College, Shillong, 23rd August 2014.
15. Participated in Workshop on "*Capacity Building in Effective Management of Intellectual Property Rights (IPRs) in Biotechnology by Universities and Research Institutes in Meghalaya.*" organized by Biotech Consortium India Limited (BCIL), New Delhi held at St. Anthony's College, Shillong, 22nd – 23rd September 2014.
16. Participated in Lecture on "*Biochemical and Genetic Characterization of Young Onset Diabetes Mellitus*" and "*The Potential of Herbs in the management of Type 2 Diabetes Mellitus*" organized by DBT Star College Scheme, held at St. Anthony's College, Shillong, 16th March 2015.
17. Participated in Training course on "*Gene Cloning, Protein Biochemistry, Structural Biology and Bioinformatics*" organized by DBT Biotechnology/ Bioinformatics Center, Advanced Centre for Treatment, Research & Education in Cancer, Kharghar, Navi Mumbai, India, 29th June to 10th July 2015.
18. Participated in Workshop on "*R Software and Perl*" organized by DBT sponsored held at DBT-Bioinformatics Infrastructure Facility (DBT-BIF), St. Anthony's College, Shillong, 28th March to 2nd April 2016.
19. Participated in One Day Mind Education Program organized by International Mind Education Institute held at St. Anthony's College, Shillong, 10th May 2016.
20. Participated in the Summer Internship Program in Bioinformatics and Molecular Biology Techniques organized by the Department of Biotechnology, St. Anthony's College, Shillong on 16th May – 18th June 2016.
21. Member of Organizing Committee for X Biennial National Conference of the Physics Academy of North East (PANE) organized by the Department of Physics, St. Anthony's College, Shillong, 10th – 12th November 2016.
22. Member of Organizing Committee for North East Autumn Workshop on "*Genetic Analyses of Complex Traits*" organized by St. Anthony's College, Shillong and The Indian Statistical Institute, Kolkata held at St. Anthony's College, Shillong, 5th – 6th September 2017.
23. Member of Organizing Committee for National Workshop on "*Molecular Phylogenetics & Its Application*" organized by Department of Zoology, St. Anthony's College, Shillong, 25-28th October 2017.
24. Participated in Faculty Orientation Programme organized by IQAC, St. Anthony's College, Shillong, 20th April 2018.
25. Was a Resource Person for Summer Training Programme on "*Molecular Biology Techniques*" organized by DBT sponsored Advanced Level Institutional Biotech Hub and Department of Biotechnology and Biochemistry, St. Anthony's College, Shillong, 13th – 15th June 2018.

26. Participated in Conference on *“Living Root Bridges (LRBS) – Multidisciplinary Perspectives”* organized by Technical University of Munich and North Eastern Hill University held at North Eastern Hill University, Shillong, 18th – 19th March 2019.
27. Participated in Workshop on *“Waste Management Rules with special focus on Bio-Medical Waste Management & Environment Issues in Meghalaya”* organized by DBT sponsored Advanced Level Institutional Biotech Hub St. Anthony’s College, Shillong and Central Pollution Control Board, Regional Directorate, Shillong held at St. Anthony’s College, Shillong, 11th -13th September 2019.
28. Participated in Orientation Programme on Student Engagement and Neutral Mechanisms of Learning organized by St. Anthony’s College, Shillong, 7th March 2020.
29. Participated in Webinar on *“Grassroots Governance and Contributions of Traditional Institutions in the Management of Covid-19 in Meghalaya”* organized by Department of Political Science Under the aegis of Internal Quality Assurance Cell, St. Anthony’s College, Shillong, Meghalaya, India, 18 July 2020.
30. Participated in “Webinar Seminar on Basics and Applications of Flow Cytometry” organized by School of Biological Sciences, Madurai Kamaraj University & Beckman Coulter, India, 23rd -24th July 2020.
31. Participated in 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, 25th August 2020.
32. Participated in National level webinar on *“Prospects of Culture Collections in Research and Development with special reference to NFCCI”* organized by Department of Botany, SIES College of Arts, Science & Commerce in association with Mycological Society of India, Mumbai Unit, 29th August 2020.
33. Participated in 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, 27th August 2020.
34. Participated in International Webinar Series on *“Biodiversity Conservation and Sustainable Development: Issues, Challenges and Outcomes”* organized by Department of Botany, Brahmananda Keshab Chandra College, Kolkata, 24th, 29th August and 4th September 2020.
35. Participated in Webinar on *“Plant Based Technologies for Entrepreneurship Development”* Organized by Rotary Orchid City, Shillong, 29th August 2020.
36. Participated in International Webinar on *“COVID-19: A big challenge for the scientific community in the 21st century”* organized by Department of Biochemistry, Lady Keane College, Shillong, 11th September 2020.
37. Participated in International Webinar on *“Genomics: Revolutionizing Agricultural and Evolutionary Research”* organized by Department of Botany, Biswanath College, 17th September 2020.
38. Participated in Webinar on *“World Ozone Day 2020”* organized by Environmental Information System-Resource Partner (ENVIS-RP), CSIR-National Botanical Research Institute (NBRI), Lucknow, 16th September 2020.

39. Participated in National Webinar on "*Intellectual Property Rights and its Applications*" organized by the IQAC and the Department of Zoology, St. Anthony's College, Shillong, 11th and 12th December 2020.
40. Participated in 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" organized by Teaching Learning Centre, Ramanujan College, University of Delhi 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, December 10, 2020 - Jan 08, 2021.
41. Presented an oral presentation entitled "To assess plant growth promoting properties of rhizospheric and endophytic bacteria associated with *Camellia sinensis* plantations in Meghalaya" in the "Assam Botany Congress (ABC-02) and International Conference on Plant Science" held on 3-5 December, 2021 at Cachar College.
42. Participated in Two-Week Interdisciplinary Refresher Course/Faculty Development Programme for "Advanced Research Methodology Tools and Techniques" organized by Teaching Learning Centre, Ramanujan College, University of Delhi 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, 30th January 2021 – 14th February 2021.
43. Participated in National Seminar on "Contemporary Research in Biotechnology" organized by the Department of Biotechnology & Bioinformatics, NEHU, Shillong, 25th March 2021.
44. Participated in National Webinar on "National Educational Policy 2020 and Its implications on Higher Education" organized by IQAC and the Department of Value Education, St. Anthony's College, Shillong, 07th April 2021.
45. Participated in Inter-Disciplinary Online Two - Week Refresher Course on "Managing Online Classes & Co-creating MOOCS 10.0" organized by Teaching Learning Centre, Ramanujan College, University of Delhi 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, 13th - 27th December 2021.
46. Participated in One-week Faculty Development Programme on "Developing Moocs: Concepts and Tools" organized by Teaching Learning Centre, Ramanujan College, University of Delhi 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, 10th - 16th March 2022.
47. Participated in One-week Faculty Development Programme on "Academic Writing for Research" organized by Teaching Learning Centre, Ramanujan College, University of Delhi 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, 21st - 27th March 2022.
48. Presented on the topic entitled "Plant growth-promoting rhizobacteria associated with tea plantations in Meghalaya" in *National Seminar On Emerging Trends in Plant Sciences (ETPS)* organized by Department of

Botany, North-Eastern Hill University, Shillong, Meghalaya, India in collaboration with CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh, India, 29-30th March 2022.

49. Participated at the National Seminar on "Emerging Trends in Biological Sciences: A North East India Perspective" organized by the Department of Biotechnology and Bioinformatics, North-Eastern Hill University, Shillong, Meghalaya, India in collaboration with Bio-Resource Development Centre (BRDC), Shillong & BioNEST Bioincubator Facility, NEHU, Tura Campus, Meghalaya, 28 February to 1st March, 2023.
50. Participated in the Awareness & Sensitization program on "FUNDING OPPORTUNITIES FOR ACADEMIA FROM BIRAC & FACILITATION AVAILABLE FROM BIONEST FACILITY, NEHU" organized by BIRAC's BioNEST Bio-Incubator (B3I) Facility, NEHU, Meghalaya in association with DIC, NEHU, Shillong held on June 23rd, 2023 at Community Hall, NEHU, Shillong.
51. Participated in a two days programme on "S&T Intervention for the Development of North-East Region involving Women" organized by The National Academy of Sciences India (NASI) North-Eastern Region Local Chapter & North-Eastern Hill University (NEHU), Shillong on 14th and 15th June 2024 at NEHU Campus, Shillong.
52. Participated in an outreach program of "Life Science Research Board" under Specialist Panel "Soldier Health and Drug Development" of "Defence Research and Development Organisation" organized by Institute of Nuclear Medicine and Allied Sciences (INMAS), Delhi in collaboration with North-Eastern Hill University (NEHU), Shillong on 22nd August 2024 at NEHU Campus, Shillong.