

CURRICULUM VITAE

Name: LINU JOHN
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Educational Qualifications:

Examination	Board / University	Institute	Year of Passing
Secondary School Leaving Certificate (SSLC)	Central Board of Secondary Education (CBSE)	St Antony's Public School, Kanjirappally, Kerala	2000
Senior School Certificate Examination (SSCE)	Central Board of Secondary Education (CBSE)	St Antony's Public School, Kanjirappally, Kerala	2002
B.Sc. Biotechnology	Bharathiar University	Maharaja College For Women, Perundurai, TN	2005
M.Sc. Biotechnology	Bharathiar University	NGM College, Pollachi, TN	2008

Publications:

- Lamo, J. M., **John, L.**, & Rao, S. R. (2023). Medicinal Plants of NorthEast India: Biodiversity and their Ethnomedicinal Values. In: Medicinal Plants: Biodiversity, Biotechnology and Conservation (pp. 219-247). Singapore: Springer Nature Singapore. ISBN 9811999384
- Kharnongrum, A.M.B., Nongrum, A., **John, L.**, Acharjee, A., & Joseph, J. (2020) Study on Pyscho-Socio and Spiritual Feelings of Students during Lockdown 2020. Spectrum: Humanities, Social Sciences and Management 7:47-56. ISSN 2349 2937
- **John, L.**, & Singha, L.I. (2017). Phytochemical Analysis of the Crude Extracts of Clerodendrum chinense and Mazus pumilas. Spectrum Science and Technology, 4:17-27. ISSN 2349 2937
- Kolita, V., & **John, L.** (2016). Artificial Pancreas: A Review. Spectrum Science and Technology, 3:143-169. ISSN 2349 2937
- **John, L.**, & Singha, L.I. (2014). Medicinal uses and biological activities of Clerodendrum colebrookianum. Spectrum; Science and Technology. 1:3-9. ISSN 2349 2937

Projects:

- Comparative studies of phytochemical and biological assays of wild and cultivated *Hottuynia cordata* and its efficacy on allosteric sites of protein kinase” for a period of two years. Total Cost: Rs. 1,00,000/- (Rupees One lakh only) vide Sanction Letter No. SAC/ALD/165/ARG/2024-01 dated 13.03.2024. [Funded by: Anthonian Research Grant Award].
- Three months project in “Genetic Variability in Three Ecoraces of Tasar Silkmoth Using Issr Polymorphisim”, Seribiotech Research Laboratory, Central Silk Board, Bangalore.

M.Sc. dissertation work supervised/co-supervised:

- Phytochemical analysis and invitro antioxidant study of *Rubus ellipticus* Smith
- Screening and Bioprospecting of *Acmella paniculate* (Wall. ex DC.) For Antioxidant and Antimicrobial Activities
- Phytochemical analysis of various solvent extracts from *Etlingera linguiformis* and *Gloriosa superba*
- Phytochemical Analysis and Cytotoxic Effects of Different Extracts of *Mazus pumilus*
- Phytochemical Analysis and Evaluation of Anti-inflammatory Activity of *Mazus pumilus*

Resource Person:

- Add On Course on 'Introduction to the basic concepts and techniques in animal cell culture' organised by Department of Biotechnology and Biochemistry, St Anthony's College, Shillong, September 2024
- Add course on 'Introduction to basic concepts and techniques in Animal cell Culture' organised by Department of Biotechnology and Biochemistry, St Anthony's College, Shillong, 18th August - 1st September 2023.
- Hands on Training on 'Basic techniques of Animal Cell culture' organised by Department of Biotechnology and Biochemistry sponsored by DBT- Biotech Hub, St Anthony's College, Shillong, 4th -14th September 2023
- Hands on Training on 'Basic techniques of Animal Cell culture' sponsored by DBT- Biotech Hub, St Anthony's College, Shillong, 2nd - 17th august 2022
- Science Talk-Biotech Hub Highlights, organized by DBT- Biotech Hub, St Anthony's College, Shillong, 12th - 16th June 2017.
- Summer Training of B. Tech students of Guwahati University, St Anthony's College, Shillong, 22nd- 28th July 2014.
- Workshop on Analytical Techniques in Biotechnology, DBT- Biotech Hub, St Anthony's College, Shillong, 27th -29th March 2014.
- Workshop on Biological Techniques and Tools, Dept of Biotechnology, St Anthony's College, Shillong, 19th -26th July 2013

Orientation Programe/ Refresher Course/FDPs attended:

- UGC-Malaviya Mission Teacher Training Programme (MMTTP), UGC-Human Resource Development Centre, NEHU, Shillong, 5th - 14th February, 2025.

- Five Day FDP on 'Blooms taxonomy and outcome-based education (OBE)' organised by IQAC, St Anthony's College, Shillong, 26th -30th June 2023.
- Five Day FDP on 'Make a difference as Educators' organised by Department of Value Education, St Anthony's College, Shillong, 18th -22nd July 2023.
- Four Week Induction/ Orientation Programme for Faculty in Universities/Colleges/ Institutes of Higher Education, Teaching Learning Centre, Ramanujan College, University of Delhi, February 11th to March 13th, 2021
- Six weeks course on Introduction to the Biology of Cancer, John Hopkins University, July, 2021, Coursera
- Two - Week Refresher Course in "Life Sciences" from 01 - 15 September, 2021
- Four-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from February 11 - March 13, 2021.
- Online Faculty Development Programme on Learning Management System (MOODLE), 8th-10th June 2020
- Orientation Programme on Student Engagement and Neural Mechanisms of Learning held at St. Anthony's College, Shillong on 7th March, 2020
- Special Summer School in 'Basic Science and Technology', NEHU, Shillong, Meghalaya, 8 th July to 21st July 2019.
- Orientation Programme organised by St. Anthony's College, Shillong under the aegis of IQAC, SAC Unit on 20th April, 2018.
- Faculty Development Programme on Research Capability Enhancement, organised by St. Anthony's College, Shillong under the aegis of IQAC, SAC Unit on 23rd August 2014

Workshops and Training Programmes attended:

- Workshop on 'Artificial Intelligence Tools' organised by IGNITE Life Skill Academy, Sacred Heart College, Thevera, Kochi, 23rd November 2024.
- Workshop on ' Role of Laboratory Animals in Biomedical Research' organised by Animal House Facility, Department of Pharmacology, NEIGRIHMS, Shillong
- Workshop on "Online Admission and Outcome-based Education", organised by MasterSoft ERP Solutions Pvt. Ltd. Nagpur on 17th February 2022.
- National Level Online Workshop on "E Content Development", St Ann's College, Kokrajhar, Assam, 7th June - 12th June 2021.
- Online Workshop on "IPR Issues" Department of Chemistry, Netaji Subhash Mahavidyalaya, Udaipur, Tripura, 27th-28th September 2021.
- Workshop on "Waste management Rules with special focus on Bio-Medical Waste management and Environmental Issues in Meghalaya, 11th -13th September 2019.
- Hands on training workshop on Basic Cell Culture Technology, NCCS Pune, 14th-17th May 2018.
- Training course on Gene Cloning, Protein Biochemistry, Structural Biology & Bioinformatics, ACTREC, Mumbai, 18th to 29th December 2017.
- Workshop on Capacity Building, Centre for Education Beyond Curriculum, Christ University, Bangluru, 16th-11th June 2016.
- Training on R software and Pearl, DBT-BIF, St Anthony's College, Shillong, 28th March to 2nd April 2016.

- Training workshop on Animal Cell Culture and Cytogenetics, Mar Ivanios College, Thrivanathapuram, 14th-20th December 2015.
- Training on Molecular Modelling, Computer Aided Drug Designing & Molecular Dynamics Simulation, C.V.Sc, Assam agricultural university, Guwahati, 17th-20th march 2015.
- Workshop on Capacity Building in Effective Managements of IPRs in Biotechnology, Bcil & DBT- St Anthony's College, Shillong, 23rd August 2014.
- Workshop on Question Paper Setting, St Anthony's College, Shillong, 19th November 2013.
- Workshop on Procedures of Evaluation, St Anthony's College, Shillong, 16th November 2013.
- Training programme on First-Aid, Nazareth Hospital, Shillong, 6th May 2013.
- Workshop on Defining The Role Of Women Scientist And Teachers In Promotion And Application Of Science And Technology-Northeast India Perspectives, National Academy of Science, Northeastern regional Chapter, Lady Keane College, Shillong, 8th- 9th May 2013.
- Workshop on Training in Research Techniques and Applications, Research Cell, St Anthony's College, Shillong, 20th- 21st March 2013.
- Training Programme in the Division of Cancer Research, Regional Cancer Centre, Trivanthapuram, 4th - 18 June 2007

Conferences/Seminars/Webinar Attended

- Participated in the One-day National Webinar on Impact of Climate Change on Hill Agriculture on 6th August, 2021.
- Participated in National Webinar on National Education Policy 2020 and Its Implication on Higher Education on 7th April 2021
- Participated in the National Webinar on "Exploring the Different Aspects of Nature Conservation" held on July 28, 2021
- Participated in the National Webinar on Intellectual Property Rights and its Applications organized by the IQAC and the Department of Zoology, St. Anthony's College, Shillong on the 11th and 12th December, 2020
- Participated in the National Webinar on Effective use of Library Resources August 2020.
- Participated in the Live Webinar: Edition 2 titled Addressing Core Issues in Teaching held on 30th June, 2020.
- Participated in International Seminar on " Ethical Challenges and Contemporary Issues in Creative Research: Uniformity Vs Creativity" organized by Research and Innovation Committee and Institutional Ethics Committee, Lady Keane College, Shillong, 19th -20th February 2018.
- Attended the Lectures on "Biochemical and Genetic Characterization of Young Onset Diabetes Mellitus and The Potential of Herbs in the Management of Type 2 Diabetes Mellitus" Organised by DBT Star College Scheme, St Anthony's College, Shillong, 16th March 2015.
- Attended the National Seminar on "Metabolomics" organized by Department of Biotechnology and Bioinformatics, North-Eastern Hill University, Shillong, 23rd-24th May 2014.
- Participated in Faculty Development Programme on "Research Capacity Enhancement" organized by Research Cell, St Anthony's College, Shillong, 23rd August 2014