

Prof. Devajyoti Bokolial

Associate Professor, Department of Botany

Educational Qualification: M.Sc. in Botany (G.U.)

Research Interest: Ethnobotany, Biodiversity, Plant Physiology

Conferences and Seminars attended (2014-23)

1. Attended a workshop on semester system on 21st and 22nd April, 2015 held at St. Anthony's college, Shillong.
2. Attended a workshop on Botany semester syllabus for the botany teachers of different colleges of Meghalaya on 6th August, 2016 held at the department of Botany, St. Anthony's college.
3. Attended 'Training on Basics of Plant Identification and Nomenclature' organized by Eastern Regional Center, BSI, Shillong from 7-9 November, 2016.
4. Attended a one day workshop on 'Mind education' hosted by International mind education institute on May 10th, 2016 held at St. Anthony's college, Shillong.
5. Attended a half day workshop on 'Creation and Promotion of Online Teaching Resources' in NIT, Shillong on 5th June, 2017.
6. Attended a workshop on 'Inclusive education' organized by RUSA cell of St. Anthony's college, Shillong on 23rd September, 2017.
7. Attended a workshop on 'Preparation of research project proposal' organized by the National Academy of Sciences, India, Northeast Region local chapter, Shillong on 15th November, 2017 at the North East Institute of Ayurveda and Homeopathy, Mawdiangdiang, Shillong.
8. Attended a faculty orientation programme on 23rd April, 2019 for senior faculties of the college. Talk was delivered by Prof. R. Sharma, NEHU, Shillong.
9. Attended a workshop on 'North East Conclave on Transforming North East India through Science and Technology' Organised by- Institute of Bioresources and Sustainable Development (IBSD): An Autonomous Institute of Department of Biotechnology, Govt. of India on 28th June 2019 at State Convention Centre, Shillong, Meghalaya.
10. Attended a workshop on Documentation and preparedness for NAAC assessment in Siloam on 21-22 February 2020, organized by Xavier Board, Bangalore and St. Anthony's college, Shillong.
11. Participated and completed an online training programme on Infection Prevention and Control (IPC) for

Novel Coronavirus (COVID-19) conducted by WHO on 26 April, 2020.

12. Completed an online training programme on ‘Standard precautions: Hand Hygiene’ conducted by WHO on 25th April, 2020.

13. Participated in a webinar on “AYUSH for COVID-19: Boosting Immunity with Home - Based Interventions” conducted organised by Department of M.Sc. Bio-analytical Sciences GuruNanak Khalsa college of Arts, Science and Commerce, Mumbai on May 20, 2020.

14. Participated in a webinar conducted by ASTEC, Guwahati, on 22nd May, 2020 at 11.00AM on the topic ‘Our solutions are in nature’.

15. Participated in a webinar on “Use of Modern Analytical Instruments in Biological Sciences” conducted on May 22, 2020 organised by Department of M. Sc. Bioanalytical Sciences, GuruNanak Khalsa college of Arts, Science and Commerce, Mumbai.

16. Completed an online training programme on ‘Basics of COVID-19’ from DIKSHA online portal of Ministry of Human Resource Development, GOI and NCERT on 31st May, 2020.

17. Attended a webinar on ‘Education in the 21st Century: Adapting to a Changing World’ organized by Department of Education, St. Anthony’s College, Shillong, Meghalaya on 1st and 2nd June, 2020.

18. Organized and participated in celebration of World Environment Day on 5th June, 2020 at the Botanical Garden of St. Anthony’s college, Shillong.

19. Attended a series of webinars on 5th, 6th and 7th June, 2020, conducted by Ms T. Sarkar, HR Consultant, Kolkata. The topics for the webinars were ‘The Flipped Classroom’, ‘Dealing with Emotions at times of Crisis’ and ‘The art of execution’ respectively.

20. Attended a talk on ‘Use of Google apps in teaching and research’ at St. Anthony’s college delivered by Fr. (Dr.) J. Joseph on 8th and 9th June, 2020.

21. Attended a webinar on ‘Changing Roles of Teachers in a COVID-19 Afflicted World’ organized by St. Anthony’s College, Shillong, Meghalaya & Loyola College, Williamnagar, Meghalaya on 12th June, 2020.

22. Participated in a webinar on “The universe within us: microbiome” on June 14, 2020 organised by Department of M. Sc. Bioanalytical Sciences, GuruNanak Khalsa college of Arts, Science and Commerce, Mumbai.

23. Participated in a Faculty development live webinar organized by St. Anthony’s college, Shillong on 17th June, 2020.

24. Attended an ‘International Webinar on Different Cloud Platforms’ jointly organized by Departments of Computer Science of St. Alphonsa College, Karinkal, Tamil Nadu, India & St. Anthony’s College, Shillong, Meghalaya, India on 4th July, 2020.

25. Attended a National webinar on 'cutting edge trends in biological science' organized by Department of Botany, Goalpara college, Assam on 11th July, 2020.
26. Attended a national webinar on 'Academic Writing: APA Citation Style and Plagiarism', delivered by Professor Narendra Lahkar, Indian Association of Special Libraries and Information Centres (IASLIC) and organized by Alumni Association of Department of Botany, Guwahati College, Assam on 12th July, 2020.
27. Attended an international webinar on 'COVID-19 Pandemic and its Impact on Human and Environment' organized by Department of Zoology, Goalpara college, Assam on 15th July, 2020.
28. Completed an online training programme on 'Integration of ICT in Teaching, Learning and assessment' hosted by DIKSHA portal, Ministry of Human Resource Development, Govt. of India on 27th July, 2020.
29. Attended a two day international webinar on 'Field explorations in Botany: internationalization, documentation, value addition and conservation' on 19th and 20th August, 2020 organized by Department of Botany, Acharya Jagadish Chandra Bose College, Kolkata.
30. Attended a national level webinar on 'Plant diversity in India' organized by Department of Botany, Bagnan college, Howrah, WB on 20 September, 2020.
26. Participated as a delegate in National e-conference on "AYUSH: Global Healthcare Perspective" organized by Department of Botany, S. Nijalingappa College, Bengaluru on 10th and 11th November 2020.
27. Participated in a '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.
28. Participated in a 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 on 07 April 2021.
29. Attended a webinar on the topic 'Phytodiversity of NE India: a plant hunter's experience' delivered by Dr. R. Gogoi, Scientist, E and Head, BSI, Sikkim circle and organized by the Department of Botany, St. Mary's College, Shillong to commemorate "International Day for Biological Diversity" on the 22-05-2021.
30. Participated in a webinar on the theme 'Sacred groves: tradition meets nature' organised by Lady Keane college, Shillong on 22nd October, 2021.
31. Participated in a Professional Development Programme on 'Implementation of NEP2020 for University and College Teachers' held from 21- 29 September, 2022 conducted by Indira

Gandhi National Open University, Staff Training and Research Institute of Distance Education, New Delhi 110068.

32. Participated in a workshop on ‘Botany Syllabus designing for NEP 2020’ organised by Department of Botany, St. Anthony’s college, Shillong on 20th April, 2023.

List of Publications of Prof. D. Bokolial

SI no.	Title of Paper/article	Name of the Journal/Book	ISSN/ISBN number	Volume number and year of publication
1.	Some Potential Lesser Known Fruits of East Khasi Hills District, Meghalaya for Commercial Exploitation.	Advances In Plant Sciences	0970-3586	33 (2): 51-54, 2020.
2.	Wild fruits and seeds consumed by indigenous people of Meghalaya: An overview’. (Book chapter)	‘Bioluminescence’ published by Eastern Book House, Guwahati, Editor: Dr. H. Majumdar	9789388881906	1, 2020 , pp. 33-50.
3.	Ethnoveterinary Plants Used by Locals of two Hill Districts of Meghalaya, India.	Advances In Plant Sciences	0970-3586	32(1): 25-29, 2019
4.	Medicinal Plants Used by Traditional Healers of West Jaintia Hills District of Meghalaya, India.	Research & Reviews: A Journal of Life Sciences	2249-8656 (Online), 2348-9545 (Print)	9(1): 156-164, 2019.
5.	A review on non-conventional leafy vegetables of Meghalaya.	Spectrum: Science and Technology	23492937	5: 39-54, 2018
6.	Plants Associated with religious traditions and culture of Bokolial tribal community of Dibrugarh district of Assam, India.	Advances In Plant Sciences	0970-3586	31(2):101-105, 2018
7.	Wild Edible Fruits Consumed by Tribes of	NeBIO	2278-2281	8(4), 306-334, 2017.

	Northeast India: An Overview			
8.	Fermented foods and beverages of Meghalaya (Book chapter)	Fermented foods and beverages. (ed. P. Tamuli)	9788179105474	Pp: 28-39, 2017
9.	Plants associated with rituals and beliefs of indigenous Khasi religion of Meghalaya, Northeast India'	Advances In Plant Sciences	0970-3586	30(1): 1-4, 2017.
10.	Market potential of some minor fruits of East Khasi Hills district, Meghalaya.	Spectrum: Science and Technology	23492937	3:170-194, 2016
11.	Minor fruits used by locals in two hill districts of Meghalaya, Northeast India	Asian journal of Pharmaceutical and Biological Research	2231-2218	5 (1): 4-15, 2015
12.	Piscicidal plants of northeast India- an overview	Environment and Ecology	0970-0420	32 (4B):1636-1641, 2014
13.	Non-conventional vegetables used by Khasis of Meghalaya, North East India	Advances In Plant Sciences	0970-3586	27(1): 249-252, 2014
14.	Vernacular names of plants of Meghalaya	(BOOK)	978-93-84144-37-1	2014
15.	Conservation of pitcher plant	Current Science	0011-3891	102(3):381, 2012
16.	Bt brinjal: need for a consensus	Current Science	0011-3891	101(2):36-37, 2011
17.	Studies on morphology and physiology of pollen grains of wild rice- <i>Oryza meyeriana</i> Bail.	Advances In Plant Sciences	0970-3586	17(1):133-135, 2004
18.	Pollen morphological studies in some species of <i>Solanum</i>	Plant Archives	0972-5210	3(2):307-309, 2003
19.	Amino acid composition of pollen grains of <i>Datura stramonium</i> , <i>Hibiscus rosa-sinensis</i> and <i>Cucurbita papo</i>	Environment and Ecology	0970-0420	21(2):493-494, 2003

20.	Preliminary observation on the medicinal plants of Chandrapur area of Kamrup district, Assam	Journal of Economic and Taxonomic Botany	2050-9768	27(2): 410-415, 2003
21.	Leaf epidermal morphology of some species of Zingiberaceae	Plant Archives	0972-5210	2(2):257-262, 2002
22.	Life forms and determination of the biological spectrum of the plant community of Chandrapur of Kamrup district, Assam	Environment and Ecology	0970-0420	20(3):558-564, 2002

Other publications:

SI No	Title	Published in	Issue and year
1	Traditional healthcare system in Meghalaya	The Shillong Times	10 th November, 2010
2	Bt. Brinjal: need for a consensus	Current Science	Vol 101 No-2, 2011.
3	Conservation of Pitcher Plant	Current Science	Vol 102 No-3, 2012
4	Handy Herb	The Shillong Times	8 th September, 2013
5	Healer Herb	The Shillong Times	20 th October, 2013
6	Protected Plants	The Shillong Times	1 st December, 2013
7	Stay fit with bamboo shoots	The Shillong Times	29 th June, 2014
8	Toothache tree	The Shillong Times	22 nd March, 2015
9	Sacred groves of Meghalaya- a faith based forest management system.	Mosaic- Magazine of St. Anthony's college	2016
10	The Pitcher plant: Myths and Truths'	Mosaic- Magazine of St. Anthony's college	2017-18
11	Sixth mass extinction: Is life on earth in danger??	Mosaic- Magazine of St. Anthony's college	2018-19
12	'Medicinal plants: a gift from nature'	Radio article, broadcasted on AIR, North Eastern Service, Shillong.	4 th July, 2020 at 7.30 pm.
13	'Sacred groves of northeast India: a traditional way of biodiversity conservation'	Radio article, broadcasted on AIR, North Eastern Service, Shillong.	7.30 pm, February 19, 2021.
14	'Plants with Z plus security'	Mosaic- Magazine of St. Anthony's college	2021-22