

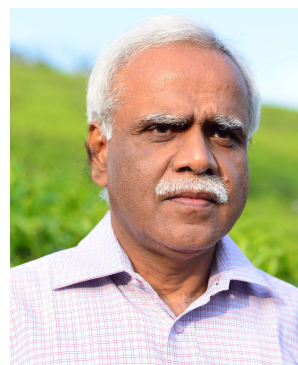
DR. SABU T.

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**EDUCATIONAL QUALIFICATIONS:**

M.Sc. Botany - Kerala University (1981)

Ph.D. - Plant Taxonomy & Morphology, Calicut University (1993)

OTHER TRAININGS

- Biodiversity Informatics and Interlinking of Databases - TBGRI
- Participatory Extension Management – Rubber Board and University of Michigan
- Rubber Research and Extension - RRI Malaysia

R&D EXPERIENCE: 42 YEARS

1981 – 1985: Research Fellow, Silent Valley Flora Project, Dept. of Botany, University of Calicut

1985-1993: Part time Research for Ph. D Calicut University

1985-2005: Field Officer/Asst Development Officer, Rubber Board, Ministry of Commerce, GoI

1994 – 2005: Honorary Association in Research Projects, Centre for Environment and Development

2005 – Till date: Program Director (NREM), Centre for Environment and Development

AREAS OF RESEARCH:

Natural Resources and Environment Management; Biodiversity Conservation; Wetland Management; Urban Environment Management; Climate Change; Energy and Environment; Culture, Heritage and Environment; Environmental Impact Assessment etc.

MEMBERSHIP OF PROFESSIONAL ASSOCIATIONS:

- Member IUCN Commission on Education and Communication (CEC) 2017-2024
- Fellow of Indian Association of Angiosperm Taxonomy (FIAAT)
- Life Member Indian Society of Remote Sensing
- Life Member Indian Meteorological Society

PUBLICATIONS:

Research Papers: 18 Nos.

Books: 4 Nos.

- *Flora of Silent Valley Tropical Rain Forests Kerala* (Dept. of Science and Technology, GoI)
- *Wetlands of Kerala: in State of Environment Kerala* (Kerala State Council for Science Technology and Environment)
- “*Rebuilding security in the age of insecurity*” – Training manual for vacation training program on Bioresources
- *Green Auditing* (Nature’s Green Guardian Foundation, Kerala)

Proceedings (Edited): 17 Nos.

Project Reports: 80 Nos.

Paper presentations/Invited Lectures etc: More than 250 Nos.

SOME MAJOR PROJECTS:

R&D/Consultancy Projects	
1	Technical Support Consultancy for World Bank supported Kerala State Solid Waste Management Project (KSWMP), Thrissur, Palakkad and Malappuram Dist. - Ongoing
2	Development and Support for a Circular Economy and Waste Management Cell for Thiruvananthapuram Municipal Corporation (Sponsored by GIZ) - Ongoing
3	Development and implementation of Landscape Management Plan outside the Recorded Forest Areas in Thiruvananthapuram Landscape (United States Agency for International Development – USAID and Ministry of Environment, Forests and Climate Change - MoEFCC)
4	Study on Assessment of Impact of floods/landslides on Biodiversity with special emphasis on - Riparian vegetation - Pamba River, Periyar, Chalakudy, Bharathapuzha (Kerala State Biodiversity Board)
5	Design and Supervision Consultancy work for Restoration and Re-development of the Kambalakonda Eco-Tourism Park and Preparation of long term Management and Conservation Planning of Kambalakonda Wildlife Sanctuary at Visakhapatnam” (The Andhra Pradesh Disaster Recovery Project (APDRP) of Govt. of AP supported by World Bank)
6	Non-Timber Forest Produce (NTFP): Resource Assessment & Training (The State Forest Development Agency, Department of Forest, Kerala)
7	Mapping Environmental Issues and Developing Management Action Plan for Vamanapuram River Basin, Thiruvananthapuram Dist., Kerala. (Joint Project by Centre for Environment and Development and Jawaharlal Nehru Tropical Botanic Garden, Supported by Department of Environment and Climate Change, Govt. of Kerala)
8	Identification and Demarcation of ecologically sensitive areas of moist deciduous forests with respect to regeneration in Western Ghats, Kerala (Sponsored by Kerala State Council for Science, Technology and Environment)
9	Development of Sustainable Fisheries Management Plan for the Sindhudurg Coast in Maharashtra (Sponsored by United Nations Development Program)
10	Mainstreaming Coastal & Marine Biodiversity Conservation into the production sectors of East Godavari Estuary, Andhra Pradesh (Sponsored by UNDP, India)
11	Industrial Pollution Abatement through Preventive Strategies with reference to Seafood Processing Industries in Kerala (Sponsored by Ministry for Environment and Forests, Government of India)
12	Study of the Carbon sequestration potential of forests of Kerala, Western Ghats (Sponsored by NNRMS. SCB, Ministry of Environment and Forests, Government of India)
13	Floristic and Ecological Studies in Silent Valley Tropical Rain Forests of Kerala (Dept. of Science and Technology, GoI)
Environment Impact Assessment Projects	
14	Environmental Impact Assessment Study of Thiruvananthapuram – Kasaragod Semi High-Speed Rail (SilverLine) Project (Kerala Rail Development Corporation)
15	Preparation of Environment Management Plan (EMP) for 16 subprojects under Tsunami Emergency Assistance Project (TEAP) of Department of Fisheries, Govt. of Kerala (ADB through DoF, Kerala)
16	Environmental Impact Assessment studies of the proposed Thangassery Port, in Kollam district, Kerala (Sponsored by Port Department, Government of Kerala)
17	Study of the environmental impacts of Port Construction on Benthic Flora and Fauna at Gopalpur Port, Orissa
18	Environmental Impact Assessment studies of the proposed fishery harbour at Chellanam, in Ernakulam district, Kerala (Sponsored by Harbour Engineering Department, Government of Kerala)
19	Environmental Impact Assessment studies of the proposed fishery harbours at Arthungal, Chetwai and Cheruvathur (Sponsored by Harbour Engineering Department, Government of Kerala)
Extension/Training/Outreach Projects	
20	Stakeholder Consultations on Status, Challenges and Way Forward of Road Safety in Kerala & Capacity Building Workshops for the Officials of Police, transport departments, PWD etc (CUT International, Jaipur, Rajasthan) - Ongoing
21	URJA KIRAN (Energy Conservation Awareness Campaign (Sponsored by Energy Management Centre, Government of Kerala)-Ongoing
22	Carbon Neutral School- Assessing Carbon footprints of School Campuses under SEP Kerala and suggesting measures to become carbon neutral (Sponsored by Energy Management Centre, Government of Kerala)
23	Empowerment of ST/SC communities of Southern Kerala in ‘Participatory Community Forest Resource Mapping using GIS’ [For Claiming Community Rights under Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006]. (Department of Science and Technology, Government of India)
24	Capacity Building and Training of ULB functionaries of the AMRUT cities in Kerala(Sponsored by Housing and Urban Development Department Government of Kerala)
25	Exhibition Development Program (EDP) and Organising National Workshop on “Museums and INH with focus on Methodology (National Museum of Natural History (NMNH) - MoEF, Govt. of India)
26	Comprehensive Capacity Building Program for Urban Local Bodies (Sponsored by Ministry of Urban Development, Government of India) – In Kerala, Odisha, Jharkhand, Bihar and West Bengal
27	Catching them Young: An Initiative for Climate Change Education and Awareness in Schools (Sponsored by Kerala State Council for Science, Technology and Environment, Government of Kerala)
28	Regional Resource Agency for National Environment Awareness Campaign (Sponsored by Ministry for Environment, Forest and Climate Change, Government of India)
29	Indian / Kerala Environment Congress 2004 – 2023 (CED in-house project)
30	Participatory Resource Mapping of 45 Coastal Panchayats in Alappuzha District, Kerala (Grama Panchayats, Block Panchayats of Alappuzha District)
31	Vacation Training Program on Bioresources for School Children (Sponsored by National biodiversity Development Board, Dept. of Bio Technology, Govt. Of India)