



SHAL CHANDRAN

Assistant Professor of Botany

ADDRESS & EMAIL

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QUALIFICATION

MSc Botany, NET

DATE OF JOINING

03.01.2011

EXPERIENCE IN YEARS

12 years 9 months

AREA OF SPECIALIZATION

Plant Physiology

ADMINISTRATIVE DISTINCTION

- Head of the Department of Botany, S.N College for Women, Kollam from 09.06.2022 onwards
- Nodal Officer of AISHE at S.N College Cherthala (2016- 17, 2017-18, 2018-19 & 2019-2020).
- Member, Kerala State Biodiversity Board, District Level Technical Support Group (TSG, Alappuzha, 2018-2020)
- Head of the Department of Botany, S.N College Cherthala from November 2019 to September 2020
- Member, NAAC reaccreditation committee
- Coordinator of Nature Club (2020 onwards)
- Tutor Of MSC Botany (2017-2019)
- Tutor of MSC Botany (2014-2016)

PAPER PRESENTATIONS

- Characteristics of bioenergy grasses important for enhanced NaCl tolerance, (2014) *Russian Journal of Plant Physiology* 61; 639-645.
- Assorted response of mutated variants of *Vanilla planifolia* Andr. towards drought,(2009) *Acta Physiologia Plantarum*, 31: 1023-1029.

SEMINARS/ CONFERENCES/ WORKSHOPS CONDUCTED

- Coordinator of International webinar on “ Nanovehicles in Plant Genetic Engineering” in association with IQAC, Sree Narayana College for Women, Kollam on 06.12.2022

SEMINARS/ CONFERENCES/ WORKSHOPS PARTICIPATED

- World Rivers Day 2020 webinar on “ Vegetative measures of River bank Stabilization” organized by Department of Botany, SN College for Women, Kollam in Association with Social Forestry Extension Unit Kollam on 28/09/2020
- Webinar on “Orientation Lecture for CSIR-UGC NET Life Science” organized by Department of Botany, SN College Cherthala in association with IQAC, SN College Cherthala on 22/8/2020
- Two day UGC sponsored national seminar on Art of Scientific Writing organized by Department of Botany, Government College, Nattakom, Kottaya, 5th and 6th January, 2017.
- Two day UGC sponsored national seminar on ‘Role of Plant Systematic in Biodiversity and its Conservation’ organized by Post Graduate Department of Botany, Sree Narayana College, Cherthala, Kerala on 4th and 5th March 2014.
- One day state level seminar on ‘Intellectual Property Rights’ organized by Post Graduate Department of Botany, Sree Narayana College, Cherthala, Kerala and KSCSTE on 21st March 2012.
- One day state level seminar on ‘Eco- Friendly Alternatives to Plastics’ organized by Post Graduate Department of Botany, Sree Narayana College, Cherthala, Kerala and KSCSTE on 7th March 2012.
- Two day UGC sponsored national seminar on ‘Quality Enhancement in Teaching, Learning and Evaluation: Recent Trends and Challenges’ organized by IQAC, St.Thomas College, Pala, Kerala on 19th and 20th September 2011.
- Two day UGC sponsored state level seminar on ‘Data mining’ organized by Department of Computer Science, Sree Narayana College, Cherthala, Kerala on 3rd and 4th February 2011.
- 22nd Kerala Science Congress held at Kerala Forest Research Institute, Peechi on 28th and 30th January 2010.

- Two day UGC sponsored national seminar on ‘Imperatives for Sustainable Development’ organized by Department of Botany and Chemistry, Carmel College, Mala, Kerala on 25th and 26th February 2009.
- One day MSc project presentation programme organized by Kerala Botanical Society at St. Berchman’s College, Changanassery, Kerala on 16th September 2006.

PUBLICATIONS IN BOOKS OR JOURNALS

1. Characterization of *Vanilla planifolia* Andr. Mutated Variants for Effective Photochemistry at Optimum Light Condition (2009) Proceeding of UGC sponsored national seminar on ‘Imperatives for Sustainable Development’. Carmel College, Mala, 61-62.
2. Selection of potential energy grasses and evaluation of its photosynthetically active light regime, (2010) Proceeding of 22nd Kerala Science Congress, KFRI, Peechi, 778-779. Physiological evaluation of drought tolerance potential of energy grasses, (2013) Proceedings of National conference on Bioprospecting of Plant Genetic Resources, St. Thomas College Pala. 89-95.

ORIENTATION/REFRESHER COURSES PARTICIPATED

- UGC sponsored Refresher Course in ‘Life Sciences’ conducted by UGC-HRDC, University of Kerala from 04-10-2023 to 17-10-2023.
- UGC sponsored Short-term Course in ‘Disaster Management’ conducted by UGC-HRDC, University of Kerala from 07-09-2023 to 13-09-2023.
- UGC sponsored Orientation Programme conducted by UGC-HRDC, University of Calicut from 09-11-2017 to 08-12-2017.
- UGC sponsored Refresher Course in ‘Life Sciences’ conducted by UGC-Academic Staff College, University of Kerala from 19-07-2013 to 08-08-2023.