



# Shal Chandran

Assistant Professor of Botany

## ADDRESS & EMAIL

Assistant Professor of Botany SN College for Women, Kollam 691 001. Kerala

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## QUALIFICATION

MSc Botany, NET

## DATE OF JOINING

03.01.2011

## EXPERIENCE IN YEARS

9 years 9 months

## AREA OF SPECIALIZATION

Plant Physiology

## ADMINISTRATIVE DISTINCTION

- 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, Alapuzha, 2018-2020)
- Head of the Department of Botany, S.N College Cherthala from November 2019 to September 2020
- Member, NAAC reaccreditation committee
- 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.

## **PARTICIPATION IN SEMINARS/ CONFERENCES/ WORKSHOPS**

- 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, 5<sup>th</sup> and 6<sup>th</sup> 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 4<sup>th</sup> and 5<sup>th</sup> 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 21<sup>st</sup> 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 7<sup>th</sup> 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 19<sup>th</sup> and 20<sup>th</sup> September 2011.
- Two day UGC sponsored state level seminar on ‘Data mining’ organized by Department of Computer Science, Sree Narayana College, Cherthala, Kerala on 3<sup>rd</sup> and 4<sup>th</sup> February 2011.
- 22<sup>nd</sup> Kerala Science Congress held at Kerala Forest Research Institute, Peechi on 28<sup>th</sup> and 30<sup>th</sup> 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 25<sup>th</sup> and 26<sup>th</sup> February 2009.

- One day MSc project presentation programme organized by Kerala Botanical Society at St. Berchman's College, Changanassery, Kerala on 16<sup>th</sup> 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 22<sup>nd</sup> 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.