

Dr.SWATHI KRISHNA C

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9446501246

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PROFESSIONAL SYNOPSIS

- ◆ Educationally incisive proficient with PhD in Botany from Kannur University, Kerala offering excellent academic as well as Professional Exposure with renowned Organizations
 - ◆ Having considered knowledge in photochemistry and biochemistry
 - ◆ Having 3 research publications & qualitative teaching & practical experience with special emphasis with discussion in the classroom level. Attended several conferences and presented papers.
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TECHNICAL PROFICIENCY

- ◆ **Major phytochemical Techniques:** Phytochemical assays, chromatographic techniques, secondary metabolites isolation, quantification and characterization.
 - ◆ **Spectroscopic Techniques:** UV spectroscopy, GCMS analysis
 - ◆ **Experimentation skills in animal studies**
 - ◆ **Computer Skills:** Basic softwares for data analysis (Excel, M.S. office,Powerpoint).
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PROFESSIONAL EXPERIENCE

Gov.Arts and Science College, Karinthalam, Kasargod, Kerala

Guest lecturer (June, 2020 –2021)

Model residential School , Vellachal, Kasargod

Teacher (June 2019 – Mar-2020)

Nehru Arts & Science College, Kanhangad, Kasargod, Kerala

Guest lecturer (July, 2021 – till date)

RESEARCH EXPERIENCE

Research assistant , RARS Pilicode, Kasargod, Kerala
(jan 2009 to april 2010)
Sir Syed College, Taliparamba, Kannur University, Kerala
Botany Dept. (June-2013 – Sep-2019)

Research Title NUTRACEUTICAL PROPERTIES AND PHYTOCHEMICAL PROFILING OF LAPORTEA
INTERRUPTA AND SYZYGIIUM DHANESHIANA

EDUCATION & CREDENTIALS

Ph. D (Botany), 2019

B Ed (Natural Science), 2010

M.Sc (Plant Science), 2013

SET (Botany), 2016

B.Sc (Plant Science), 2008

PUBLICATIONS

- **C Swathi Krishna**, ThankarajanSajeesh, and ThangarajParimelazhagan. Evaluation of Nutraceutical Properties of Laporteainterrupta (L.) Chew. *Food Sci. Biotechnol.* 23(2): 577-585 (2014).
 - **Swathi Krishna.C**, Ratheesh Chandra and K.M.Khaleel, Phytochemical screening and GC-MS studies of *Syzygium dhaneshiana* leaf and bark extracts. International Journal of pharmaceutical science and Research (2017), vol.8 (5):2277-2281.
 - RUTHISHA P K*, **SWATHI KRISHNA C**, DR.K M KHALEEL, Phytochemical, Antioxidant, Antibacterial Activities of *Nervilia crociformis* (Zoll. & Moritzi) Seidenf. And *Nervilia infundibulifolia* Blatt. & Mc Cann (Orchidaceae) Collected From Kasargod District, Kerala, India• IJPSR/RA-10061/04-18.
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CONFERENCES & THE POSTERS PRESENTED

- “Nutritional Evaluation of *Syzygium dhaneshiana*”: National seminar on Medicinal plants in primary health care: Dept. of botany, SN College, Kannur on 29th and 30th sept.2015.
- “Phytochemical screening and GC-MS studies of *Syzygium dhaneshiana* leaf and bark extracts”: 29th Kerala Science Congress, Marthoma College, Thiruvalla on 28th jan to 30th.
- Participated Two day National seminar on “**Concepts and Trends in Research Methodology**” organized by Kannur University central library and research centre at Kannur University campus on 10-11th June 2014.

- Participated Two day National seminar on “**Sacred grove conservation**” organized by Kerala state medicinal plant board, OISCA International at Sir Syed College, Taliparamba on 21st and 22nd 2014.
 - Participated **30th Kerala Science Congress**, Gov.Brennan College Thallassery.
- Participated National Conference on “**Phytomedicine, 2012**”, Department of Botany, Bharathiar

University,Coimbatore.

PROJECTS:

M.Sc : Evaluation of *Laportea interrupta* (L.) Chew for Nutritional, Antioxidant and Pharmacological Properties

Ph.D : Nutraceutical properties and phytochemical profiling of *Laportea interrupta* (L.) Chew and *Syzygium dhaneshiana*.

Awards:

- **Awarded the DST- INSPIRE Fellowship for doctoral studies.**
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D.O.B: 6th Feb1988

Languages Known: English, Malayalam Hindi and Tamil