

S.T. HINDU COLLEGE, NAGERCOIL

FACULTY PROFILE

Name : **SUNDARA PRABHA V**

Designation : Assistant Professor of Botany

Vidwan ID : 349246

Dept Name : Botany

Address : 422/P52F, NANJIL NAGAR,
KELA RAMANPUTHUR,
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Subjects Taught : Algae, Fungi, Horticulture, Phytochemistry

Area of Interest / Specialization : Phytochemistry

Experience : 2 years

Educational Qualifications : M.Sc., M.Phil (SET)

Research Publications in Journals :

1. Admet Analysis, Biological Activity and Target Protein Prediction Studies of the Selected Phytochemicals Using Online Tools
2. *In Silico* Docking Studies to Identify Novel Phytochemical Compounds As BCR-ABL Tyrosine Kinase Inhibitors
3. In Silico analysis of selected compounds using PASS, SwissADME And Molinspiration
4. A survey of traditional medicinal plants grown in the home gardens in Palayamkottai region of Tirunelveli District, Tamil Nadu.
5. FTIR and GC-MS Analysis Of Madurai Malli (*Jasminum sambac* (L.)AIT.)-A GI TAGGED PLANT
6. Floristic Diversity Assessment of Home Garden in Palayamkottai Region of Tirunelveli District, Tamil Nadu a Means of Sustainable Biodiversity Conservation
7. GC MS analysis of Phytochemical compounds present in the leaves of *Euphorbia prostrata* Ait.

8. Antimicrobial and Antioxidant activity of Ethanolic extract of *Euphorbia prostrata* AIT Leaves
9. Effect of *Sargassum wightii* extracts on NaCl treated sorghum (*Sorghum vulgare* L.)

Papers Presented in Conference :

1. Presented a paper entitled 'Ameliorating effects of *Valonopsis pachynema* (G.Martens) Borgesen extract on Cadmium toxicity in *Abelmoschus esculentus* L. (Moench)', in the two-day International Conference on Eco-Restoration for Natural Resource Management (ICER-NaRM-2023) " to be held on 24th and 25th of August, 2023 at S.T. Hindu College, Nagercoil.
2. Presented a paper entitled 'GC-MS and Antimicrobial activity analysis of the Ethanolic extract of *Caulerpa taxifolia* (M.Vahl) C.Agardh' at the international conference on Recent Development in frontiers of Biological Science' held on 22nd September 2023 organized by PG and research department of Zoology, Namakkal Kavignar Ramalingam Government arts college for Women, Namakkal

Books Authored/Book Volume Chapters : -

No. of Conferences Organised :

Sl. No.	Name of the Program	Title of the Program	Period	Role
1.	Lecture Seminar	Emerging Trends in Environment and Bioscience	27. 03.2023	Organizing Secretary
2.	International Conference	Eco-Restoration for Natural Resource Management (ICER-NaRM-2023)	24th and 25th of August, 2023	Co-Organizing Secretary

Research Guidance : -

Research Projects : -

Awards & Distinctions : -

Administrative Assignments Handled : -

Association with Professional Bodies : -

Any other Achievements : -

Delivered a special talk in the inauguration of P.G. Botany Association organized by Department for Botany & Research, Nesamony Memorial Christian College, Marthandam on 7th September, 2023.

She has served as a resource person in “The in-service training to School teachers of Kanniyakumari” catalyzed and supported by Tamil Nadu State Council for Science and Technology.