



**ST.THOMAS' COLLEGE
(AUTONOMOUS), THRISSUR**

**RESEARCH AND POSTGRADUATE
DEPARTMENT OF BOTANY**



SPECIES THE PASSION 8

SEMINAR

Supported by
KSCSTE



3rd February 2023

Time: 9.30 am

Venue: Menachery Hall

Dear Sir/Madam,

St.Thomas' College (Autonomous), Thrissur is the oldest Catholic college in Kerala established as an educational institution in 1889 and was raised to the rank of Second Grade College in 1919. The Department of Botany was started in 1951 with Natural Science as intermediate course and ever since its inception, the department has been initiated with a conservation oriented module of natural and environmental education. The department has decided to organise a one day seminar "Species the Passion 8" - Stories of New Species Discovery. The program is highlighted to create environmental awareness and the significance of biodiversity conservation leading to the discovery of new species to Postgraduate students and Researchers of Botany. The programme is scheduled on 3rd February 2023 at Menachery Hall, St.Thomas' College (Autonomous), Thrissur. We invite all the botanists and nature enthusiasts to participate in the seminar to make it a grand success.

Rev. Dr. Martin K.A.
Principal

Dr. Vimala Jose
Head of the Department
Botany

Dr. Anto P.V.
Convenor

Programme

9.00 am : Registration

9.30 am : Inaugural session

Prayer :

Welcome : **Dr. Anto P.V.**, Convenor

Inauguration & Presidential Address : **Rev. Dr. Martin K.A**, Principal

Keynote Address : **Dr. Stephen Sequeira**, Assistant professor, Department of Botany, Maharaja's College, Ernakulam

Felicitations : **Dr. (Fr.) Anil George K.**, Vice-Principal

Vote of Thanks : **Ms. Keerthana Nandakumar**, Student Co-ordinator

10.30 am -11.30 am

Keynote Lecture : Dr Stephen Sequeira, Assistant professor, Department of Botany, Maharaja's College, Ernakulam.

Topic : Lichens of Kerala : Diversity, Monitoring and Conservation.

11.30 am - 11.45 am Tea break

11.45 am - 1.00 pm Invited Lectures

Topic : Dr. Alfred Joe, Assistant professor, Department of Botany, St. Joseph's College, Irinjalakuda.
India as centre of origin of wild bananas.

Topic : Dr. Manu Philip, Assistant Professor, Department of Botany, St Aloysius College, Elthuruth, Thrissur.
Structural diversity in Cyanoprokaryotes.

Topic : Ms. Smitha P.S., Assistant Professor, Department of Botany, Vimala College (Autonomous), Thrissur.
Endemic *Syzygium* species of Southern Western Ghats.

Topic : Dr. Seena K.K., Assistant Professor, Department of Botany, Mercy College, Palakkad.
Taxonomy of the genus *Euglena*- freshwater microalgae.

Topic : Dr. Neenu A. Santhosh, Assistant Professor, Department of Botany, Mercy College, Palakkad.
Plant associated beneficial bacteria and its bioactive compounds.

1.30 pm - 3.30 pm Research Scholars Presentation

Topic : Mr. Noble Louis, Plant Physiology and Biochemistry division, Department of Botany, University of Calicut.
Priming induced epigenetic changes and trans-generational memory to enhance abiotic stress tolerance.

- Topic : Ms. Afsana Ghan, Research Scholar, St.Thomas' College (Autonomous), Thrissur.
Preliminary studies on the diversity and distribution of some selected species of *Ophioglossum* from Kerala, India.
- Topic : Ms. Dhanya Jose, Research Scholar, St.Thomas' College (Autonomous), Thrissur.
Algae of Kuruva Islands, Wayanad, Kerala, India.
- Topic : Ms. Keerthana Nandakumar, Research Scholar, St.Thomas' College (Autonomous), Thrissur.
Metagenomics analysis of soil fungi of Kollakal Thapovanam.
- Topic : Ms. Lakshmidevi P.R., Research Scholar, St.Thomas' College (Autonomous), Thrissur.
Analysis of Diversity and Distribution of Roadside Trees.
- Topic : Nimmi C. Domingose, Research Scholar, St.Thomas' College (Autonomous), Thrissur.
Morphological studies on tendrils of *Parthenocissus* from Kerala.
- Topic : Ms. Reshma Ashok, Research Scholar, St.Thomas' College (Autonomous), Thrissur.
Predicting the geographical distribution of *Impatiens parasitica* Bedd. (Balsaminaceae), an *Impatiens* endemic to the Western Ghats, India.
- Topic : Ms. Reshma Rajan, Research Scholar, St.Thomas' College (Autonomous), Thrissur.
Microwave assisted synthesis of AgNPs using *Sarcostigma kleinii* Wight & Arn. and it's efficacy in degradation of organic dyes.

Advisory Committee

Dr. Geethu Elizabeth Thomas
Dr. Thomas M. T.
Dr. Joby Paul

Dr. Sandhya Vincent Neelamkavil
Dr. Gouri Priya Ranjith

Student Co-ordinators

Ms. Keerthana Nandakumar
Ms. Dhanya Jose