

TECHNICAL SESSION-I
(10.30AM – 12.00 NOON)

**Topic: Medicinal Values of
Plants in Tamil Culture**

Resource Person
Dr. A. Rajesh

Assistant Professor of
Medicinal Botany
Govt. Siddha Medical College,
Palayamkottai

TECHNICAL SESSION-II
(1.30PM – 3.00PM)

**Topic: Phytoremediation -
A Miraculous Tool to
Mitigate Industrial Pollution**

Resource Person
Dr. K. Selvaraj

Assistant Professor of Botany
G. Venkataswamy Naidu College
(Autonomous), Kovilpatti

ORGANIZING COMMITTEE

Patron

Dr. Sr. Gerardin Jeyam, Secretary

Chairperson

Dr. Sr. Anne Perpet Sophy,
Principal

Convenor

Dr. C. Jespin Ida, Associate Professor
& Head, Department of Botany,
Holy Cross College (Autonomous),
Nagercoil

Your paragraph text

Organizing Secretaries

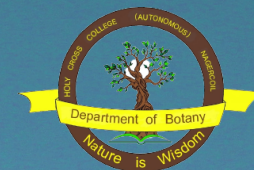
Dr. A.R. Florence (Mob: 9487450430)

Dr. J. Celin Pappa Rani
(Mob: 9791598241)

Assistant Professor, Holy Cross College
(Autonomous), Nagercoil

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Mrs. B. Santhiya



HOLY CROSS COLLEGE

(AUTONOMOUS)

NAGERCOIL-629004, TAMIL NADU
ACCREDITED WITH A+GRADE
(CGPA-3.35) BY NAAC (IV CYCLE)

SEMINAR ON

PHYTOREMEDIA

31st March, 2022

Organized by

PG AND RESEARCH
DEPARTMENT OF BOTANY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL-629 004

About the college

Having crossed several significant milestones, Holy Cross College (Autonomous), Nagercoil, has the pride of being the first women's College in Kanyakumari District. The aim of the College is the formation of well integrated persons who strive to transform the society. It has attained A+ Grade (CGPA 3.35) by NAAC in the 4th cycle of Accreditation. The college has emerged as one of the premier institutions in the district catering to the needs of around 2500 students. It offers 15 U.G., 13 P.G., 9 Ph.D programmes and also many start-ups, certificate and diploma courses, and has scaled heights of success due to the selfless service of the sisters of the Cross of Chavanod, the leadership of the faculty and the co-operation of its stakeholder.

About the Department

The Department of Botany was established in 1966; the Department became a research centre in 2009 and P.G. Botany was introduced in 2016. It has well-furnished laboratories with the latest equipments. The department has efficient and dedicated faculty and support staff who strive to offer the learners holistic development, academic excellence and research orientation.

About the Seminar

Plants have been used as traditional medicine for several thousand years. Tamil culture has identified the ability of plants for prevention and curation of various illnesses long back. The information of restorative plants has been collected over the course of numerous centuries based on distinctive restorative frameworks such as Ayurveda, Unani and Siddha. Siddha medicine is the traditional medicine originated in South India. It is one of the most seasoned frameworks of pharmaceuticals in India.

Conventional restorative plants are promptly accessible and socially satisfactory. They offer an accessible and affordable health care regime and serve as an important source of livelihood for indigenous rural populations. Medicinal plants have provided the basis for modern medicine with numerous plant derived therapeutic agents. Most of the plants were originally discovered through the study of traditional cures and folk knowledge of native people. Research on plants and its uses on traditional medicine has received considerable interest now.

Industrial effluents are one of the major sources of co-ordinate and ceaseless input of toxins in sea-going biological systems. Strategies incorporating progress oxidation, handling, refining, absorption, vitrification, cremation, chemical immobilization or landfill transfer are the common ways in which the industrial effluents are treated, but they are not completely eco-inviting.

Phytoremediation is a plant based approach which includes the utilization of plants to extricate and expel toxins or lower their bioavailability in soil. Phytoremediation is proposed as a cost-effective plant-based approach of environmental remediation that takes advantage of the ability of plants to concentrate elements and compounds from the environment and to detoxify various compounds. It preserves the topsoil, increases soil health, yields and also maintains the fertility of the soil.

PROGRAMME

Venue: St. Joseph's Hall

Registration: 9.00 -10.00 am

Inauguration : 10.00-10.30 am

Welcome Address

Dr. A.R. Florence

Assistant Professor of Botany,
Holy Cross College (Autonomous)
Nagercoil

Inaugural address

Dr. Sr. P. Leema Rose

Vice Principal
Holy Cross College (Autonomous)
Nagercoil

Vote of Thanks

Dr. J. Celin Pappa Rani

Assistant Professor of Botany,
Holy Cross College (Autonomous)
Nagercoil

Registration

Fees: Rs. 200/-