

Detailed Report on

One Day National Seminar on World Environment Day – June 5, 2025

Theme: From Soil to Cells (*Andathil Ullathae Pindam*) –

Environmental Impact on Health



Venue : Agathiyar Arnagam, OPD Block, NIS

Date : June 5, 2025

Organized by : Department of Maruthuvam, NIS



**National Institute of Siddha,
(An Autonomous Body under Ministry of AYUSH,
Government of India)**

Tambaram Sanatorium, Chennai – 600 047

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**COVERING LETTER FOR DETAILED REPORT SUBMISSION ON CONDUCTION OF
ONE DAY NATIONAL SEMINAR ON WORLD ENVIRONMENT DAY – JUNE 5, 2025**

From:

Prof. Dr. H. Vetha Merlin Kumari MD(S)., Ph.D.,
Professor and Head of the Department
Department of Maruthuvam
National Institute of Siddha
Tambaram Sanatorium
Chennai – 600 047.

To:

The Director-In-Charge
National Institute of Siddha
Tambaram Sanatorium
Chennai – 600 047.

Respected Sir,

Sub: Submission of Detailed Report on Conduct of One-Day National Seminar on *World Environment Day 2025* – Reg.

Respected Sir,

With reference to the Office Order No. A-65/9/2025-ADMIN-ESTT dated 31.05.2025, I am pleased to submit the “**Detailed Report on the One-Day National Seminar**” conducted on 5th June 2025 at the Multipurpose Hall, National Institute of Siddha, to commemorate World Environment Day. The seminar was organized by the Department of Maruthuvam under the theme “*From Soil to Cells (Andathil Ullathae Pindam): Environmental Impact on Health.*” The event highlighted the interconnection between environmental conservation and health. This report details the programme schedule, guest speaker sessions, student involvement, photographic documentation, and the overall outcome and impact of the seminar. I kindly request you to review the submitted report and extend your valuable feedback or directions, Sir. I express our gratitude for your continuous guidance and support in making this event a success.

Thanking you, Sir

Place: Tambaram Sanatorium

Yours' faithfully,

Date: .2025

(Prof. Dr. H. Vetha Merlin Kumari)

OFFICE ORDER FOR THE CONDUCTION OF THE SEMINAR

Office Order issued by Director-In-Charge, NIS on June 5th, 2025, for the conduction of
One Day National Seminar on World Environment Day – June 5, 2025

A-65/9/2025-ADMIN-ESTT

1/2001/2025

F.No. A-65/9/2025-ADMIN-ESTT
National Institute of Siddha
Ministry of Ayush, Government of India
Tambaram Sanatorium

Dated: 31.05.2025

OFFICE ORDER

Subject: Commemoration of World Environment Day – National Seminar on 5th June 2025 – reg.

In accordance with the requisition submitted by Prof. Dr. H. Vetha Merlin Kumari, Head, Department of Maruthuvam, vide letter dated 16.05.2025, the Department of Maruthuvam, National Institute of Siddha, is hereby permitted to organise a one-day National Seminar on 5th June 2025 in commemoration of World Environment Day. The event will be conducted at the Multipurpose Hall, NIS.

The seminar aims to promote awareness about environmental conservation and highlight its critical connection to health, particularly within the context of the traditional Siddha system of medicine.

- Intended Audience: All faculty members and students of NIS
- Theme: "From Soil to Cells (Andathil Ullathae Pindam): Environmental Impact on Health"

Keynote Speaker:

- Dr. G. Sivaraman, B.S.M.S., Ph.D., Founder, Managing Director, and Chief Siddha Physician of Arogya Healthcare

Speakers List:

1. Prof. Sultan Ismail, Ph.D., D.Sc., Member, State Planning Commission, Govt. of Tamil Nadu
2. Mr. G. Sundarajan, Environmental activist and Coordinator, Poovulagin Nanbargal
3. Ms. Kavitha Muralidharan, Senior Journalist, Poovulagin Nanbargal
4. Shri. N.Selvam, Joint Director (Extension), Directorate of Extension, New Delhi
5. Mr. Kalidas, President of Osai Environmental Organisation

Prof. Dr. H. Vetha Merlin Kumari, Head, Department of Maruthuvam, is authorized to make necessary arrangements for the seminar and draw the necessary advance from the Finance & Accounts Section.

A detailed agenda or programme schedule highlighting timings for each session will be circulated by the organizing department shortly.

All concerned individuals are requested to extend their cooperation to ensure the successful organization and smooth conduct of the seminar.

Signed by
G Senthilvel
Date: 31-05-2025 11:44:31
(Prof. Dr. G. Senthilvel)
Director (In-charge)

Copy to:

- All Officials Concerned
- Finance & Accounts Section – for sanction of advance

INVITATION OF ONEDAY NATIONAL SEMINAR

Invitation



ONE DAY NATIONAL SEMINAR ON WORLD ENVIRONMENT DAY
THEME: FROM SOIL TO CELLS (ANDATHIL ULLATHAE PINDAM) -
ENVIRONMENTAL IMPACT ON HEALTH

DATE: JUNE 5, 2025 TIME: 9.00 AM to 4.30 PM
VENUE: Agathiyar Arangam, OPD Block

To

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.....
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Organized By

Department of Maruthuvam
NATIONAL INSTITUTE OF SIDDHA

(An Autonomous Body under Ministry of AYUSH)

GOVERNMENT OF INDIA

Tambaram Sanatorium, Chennai - 600 047

Tel: 22411611

Email id: director.nis-tn@gov.in

Website: www.nischennai.org



NATIONAL INSTITUTE OF SIDDHA
(Ministry of AYUSH, Government of India)
Tambaram Sanatorium, Chennai – 600 047
Department of Maruthuvam

We cordially invite you for the

ONE DAY NATIONAL SEMINAR ON WORLD ENVIRONMENT DAY
THEME: FROM SOIL TO CELLS (ANDATHIL ULLATHAE PINDAM) -
ENVIRONMENTAL IMPACT ON HEALTH

DATE: JUNE 5, 2025 VENUE: Agathiyar arangam, OPD Block



PROGRAMME

Date:05.06.2025

Time:9.00 AM to 4.30 PM

INAUGURATION CEREMONY



- Prayer & Invocation : Thamizhthai Vazhthu & Siddhar Vanakkam
- Lighting of Kuthuvilakku
- Welcome address : **Prof. Dr. H. Vetha Merlin Kumari** MD(S)., Ph.D.,
Professor and HOD, Dept.of Maruthuvam
National Institute of Siddha, Chennai
- Chief Guest Address : **Prof. Dr.S. Hemalatha** M.Sc., Ph.D.,
Professor and Dean, School of Life Sciences
B.S.Abdur Rahman Crescent Institute of
Science and Technology, Vandalur, Chennai-600048
- Presidential Address : **Prof. Dr. G. Senthilvel** MD(S)., Ph.D.,
Director (i/c), National Institute of Siddha,Chennai
- Felicitation Address : **Dr. R. Kannan** MD(S)., President, IMPCOPS
- Key note Address: **Dr. G. Sivaraman** BSMS., Ph.D.,
Member of State Planning Commission
Govt. of Tamil Nadu

Plenary Sessions by Resource Persons

- Sustainable Living the way forward for Earth's sake : **Prof. Dr. Sultan Ahmed Ismail.** Ph.D., D.Sc.,
Member of State Planning Commission, Govt. of Tamil Nadu
- Climate justice begins with her : **Mrs. Kavitha Muralidharan**
Senior Journalist, Poovulagin Nanbargal, Chennai
- One Health and Climate Change: **Mr. Sundarrajan B.E.,**
Member, Governing Council of Climate Change, Govt.of Tamil Nadu
- Green Threads: Weaving Human Life with Nature : **Mr. Osai Kalidasan,**
Environmentalist,Osai Environmental Organisation, Coimbatore

VALEDICTORY CEREMONY

- Vote of Thanks : **Prof. Dr. K. Thangadurai** MD(S).,
Professor, Dept. of Maruthuvam

Certificate Distribution & Feedback

National Anthem

**Eco - Friendly Registration
kits Sponsored by IMPCOPS**



BANNERS OF ONEDAY NATIONAL SEMINAR





NATIONAL INSTITUTE OF SIDDHA
(Ministry of AYUSH, Government of India)
Tambaram Sanatorium, Chennai – 600 047
Department of Maruthuvam



ONE DAY NATIONAL SEMINAR ON WORLD ENVIRONMENT DAY
THEME: FROM SOIL TO CELLS (ANDATHIL ULLATHAE PINDAM) -
ENVIRONMENTAL IMPACT ON HEALTH

DATE: JUNE 5, 2025

VENUE: Agathiyar Arangam, OPD Block



ORGANIZED BY
DEPARTMENT OF MARUTHUVAM, NATIONAL INSTITUTE OF SIDDHA
MINISTRY OF AYUSH, GOVERNMENT OF INDIA
TAMBARAM SANATORIUM, CHENNAI – 600 047, TAMIL NADU, INDIA



BROCHURE OF ONEDAY NATIONAL SEMINAR

Highlights of the Seminar

Tree Plantation Drive at the NIS Campus.
Sapling Distribution to the public.
Expert Sessions on climate, health, and sustainability.
Knowledge-sharing platform for professionals & students.
This initiative not only promotes awareness of environmental issues but also reinforces the role of Siddha medicine in fostering harmony between humans and nature.
The seminar serves as a call to action for all stakeholders to reflect, act, and collaborate for a healthier planet and healthier lives.

Seminar Topics

1. Sustainable Living: The Way Forward for Earth's Sake
2. Climate Justice begins with her
3. One Health and Climate Change
4. Green Threads: Weaving Human Life with Nature

"Aatrankarayil Thetran Scheme" Greening the Riverbeds: NIS Students Embark on Eco-Friendly Initiative

The National Institute of Siddha is proud to launch the "Aatrankarayil Thetran Scheme," a pioneering initiative aimed at preserving environmental health and purifying river water. Under this scheme, UG Students and PG scholars will plant Thetran (*Strychnos potatorum*) in riverbeds, leveraging the plant's natural water-purifying properties.

Objectives

1. Enhance river water quality
2. Promote eco-friendly practices
3. Foster environmental awareness among Students

Significance of *Strychnos potatorum*

This plant species is known for its ability to purify water and improve environmental health.

Expected Outcomes

1. Improved river water quality
2. Enhanced biodiversity
3. Increased awareness among Students and local communities

Why the Siddha System Celebrates World Environment Day

The Siddha system of medicine, one of the oldest traditional medical systems in the world, is inherently rooted in nature. It is based on the fundamental belief that health is maintained through harmony between the human body and the natural environment. Siddha medicine utilizes herbs, minerals, and natural elements for the prevention and treatment of diseases, and thus depends heavily on a clean, sustainable, and biodiverse ecosystem. Siddha philosophy recognizes the Impeethangal—earth, water, fire, air, and space—as the foundational elements of both the cosmos and the human body. When these elements are disturbed in the environment, it directly affects human health. For instance, polluted water and air lead to imbalances that manifest as diseases, while deforestation and biodiversity loss limit access to valuable medicinal herbs.

About the Seminar

The Department of Maruthuvam, National Institute of Siddha (Ministry of AYUSH, Government of India), is organizing a One Day National Seminar on the occasion of World Environment Day – June 5, 2025, with the central theme:

"From Soil to Cells (Andathil Ullathae Pindam):

Environmental Impact on Health"

This seminar aims to explore the intricate relationship between environmental health and human well-being, drawing from both traditional wisdom and modern science. The theme emphasizes the Siddha philosophy that all elements within the human body reflect the elements of the universe — highlighting how environmental degradation directly affects human health.

The seminar brings together experts from diverse fields to discuss a range of pressing issues, including:

- ◆ The impact of climate change on human and ecosystem health
- ◆ Sustainable living as a collective responsibility
- ◆ Women's health in the context of environmental challenges
- ◆ The One Health approach integrating human, animal, and environmental well-being
- ◆ Reconnecting with nature as a solution to current environmental crises



NATIONAL INSTITUTE OF SIDDHA

(Ministry of AYUSH, Government of India)

Tambaram Sanatorium, Chennai – 600 047

Department of Maruthuvam

ONE DAY NATIONAL SEMINAR ON WORLD ENVIRONMENT DAY

THEME: FROM SOIL TO CELLS (ANDATHIL ULLATHAE PINDAM) -
ENVIRONMENTAL IMPACT ON HEALTH

DATE: JUNE 5, 2025 TIME: 8.00 AM to 4.30 PM
VENUE: Agasthyar Arangam, OPD Block



Eco-Friendly Registration
kits Sponsored by IMPCOPS



About National Institute of Siddha

The National Institute of Siddha (NIS), located at Tambaram Sanatorium, Chennai – 600 047, functions under the Ministry of AYUSH, Government of India. Established as a premier special institute, NIS is dedicated to the advancement, propagation, and global recognition of Siddha medicine—one of the oldest traditional systems of healing rooted in Tamil culture. With a vision to integrate tradition with modern scientific knowledge, NIS plays a pivotal role in Siddha education, research, and healthcare. The Institute offers undergraduate (BSMS), postgraduate (M.D.) and doctoral (Ph.D.) programs in various branches of Siddha medicine, along with high-quality clinical services through its well-equipped multispecialty Siddha hospital.

Core Objectives

- To develop Siddha as an evidence-based holistic healthcare system
- To promote research in fundamental and applied aspects of Siddha
- To preserve and standardize Siddha formulations and diagnostic methods
- To train competent Siddha practitioners and researchers
- To offer quality Siddha treatment to the public through integrative and ethical practices

Facilities and Strengths

- Dedicated departments for all core Siddha specialties
- A NABH-accredited Siddha hospital with inpatient, outpatient, and pharmacy services
- Herbal garden with a wide range of medicinal plants
- Advanced research laboratories
- Collaborations with national and international institutions
- NIS stands as a center of excellence committed to reviving ancient knowledge and blending it with contemporary science for the betterment of public health and the environment. It is a hub where tradition meets innovation, nurturing the next generation of Siddha physicians and scholars.

Target Beneficiaries

The seminar is designed to benefit a wide range of participants within the Siddha and broader healthcare community, including Undergraduate (UG) students, CRRIs (Compulsory Rotatory Residential Interns), Postgraduate (PG) scholars, and Ph.D. researchers, who will gain valuable insights into the environmental dimensions of health. Additionally, faculty members and medical officers will find the sessions enriching for academic enhancement, clinical application, and research orientation. The multidisciplinary nature of the seminar ensures that every participant, regardless of their level of expertise, will be equipped with knowledge to integrate environmental awareness into health practices and education.

Under the guidance of

Prof. Dr. G. SENTHILVEL MD(S), Ph.D.,
Director (I/c)
National Institute of Siddha, Chennai

Co-ordinator

Dr. G. SIVARAMAN BSMS, Ph.D.,
Member of State Planning Commission,
Govt. of Tamil Nadu

Organizing Committee

- Prof. Dr. H. Vetha Merlin Kumari MD(S), Ph.D.,
Professor and Head of the Department
- Prof. Dr. K. Thangadurai MD(S), Professor
- Dr. H. Nalini Sofia MD(S), Ph.D., Associate Professor
- Dr. B. Anbarasan MD(S), Assistant Professor
- Dr. C. Mary Sharmila MD(S), Assistant Professor
- Dr. K. Saravanaselvan MD(S), Ph.D., Assistant Professor
- Dr. C. B. S. Bharathi Christian MD(S), Assistant Professor
- PG Scholars, Department of Maruthuvam
- Ph.D Scholars, Department of Maruthuvam

Registration Details : Free Registration by using Google form submission

Scan to Register



Refreshments and Lunch
will be provided

Communication Address:
Department of Maruthuvam
National Institute of Siddha
Tambaram Sanatorium
Chennai – 600 047

Contact Details
9894782366
8525883880

Organized By

Department of Maruthuvam
NATIONAL INSTITUTE OF SIDDHA
(An Autonomous Body under Ministry of AYUSH,
GOVERNMENT OF INDIA)
Tambaram Sanatorium, Chennai – 600 047
Tel: 22416111
Email id: director.nis-trill@gov.in
Website: www.nischoennai.org

PROGRAMME SCHEDULE OF ONEDAY NATIONAL SEMINAR

Day	Timings	Resource person	Topics
June 5 2025	9.00 - 9.30 am	Registration	
	9.30 – 10.00 am	Tree Plantation at NIS Campus, Sapling Distribution to Public	
	10.00 – 10.30 am	Inauguration	
	10.30 – 11.00 am	Dr. G. Sivaraman BSMS., Ph.D., Member of State Planning Commission, Govt. of Tamil Nadu	Keynote Address: World Environment Day
	11.00 - 12.00 noon	Prof. Dr. Sultan Ahmed Ismail. Ph.D., D.Sc., Member of State Planning Commission, Govt. of Tamil Nadu	Sustainable Living the way forward for Earth's sake
	12.00 noon – 12.15 pm	Tea break	
	12.15 – 1. 15 pm	Mrs. Kavitha Muralidharan Senior Journalist, Poovulagin Nanbargal, Chennai	Women's Health and Environment
	1.15 – 2.00 pm	Lunch	
	2.00 -3.00 pm	Mr. Sundarrajan B.E., Member, Governing Council of Climate Change, Govt. of Tamil Nadu	One Health and Climate Change
	3.00 – 4.00 pm	Mr. Osai Kalidasan, Environmentalist, Osai Environmental Organisation, Coimbatore	Green Threads: Weaving Human Life with Nature
	4.00 – 4.30 pm	Valedictory function	

FEEDBACK FORM

Feedback Form

One Day National Seminar on World Environment Day

Theme: From Soil to Cells (Andathil Ullathae Pindam) -

Environmental Impact on Health

Date: June 5, 2025

Venue: National Institute of Siddha, Chennai

Name : _____

Designation : _____

Institution/College : _____

Contact Number : _____

Email : _____

Please rate the following aspects by circling the appropriate score:

1 = Poor 2 = Fair 3 = Good 4 = Very Good 5 = Excellent

Aspect	Round Your Score				
1. Registration and reception arrangements	1	2	3	4	5
2. Seminar venue and facilities	1	2	3	4	5
3. Relevance and usefulness of the keynote address Dr. G. Sivaraman	1	2	3	4	5
4. Relevance and usefulness of the session by Prof. Dr. Sultan Ahmed Ismail	1	2	3	4	5
5. Relevance and usefulness of the session by Mrs. Kavitha Muralidharan	1	2	3	4	5
6. Relevance and usefulness of the session by Mr. Sundarrajan	1	2	3	4	5
7. Relevance and usefulness of the session by Mr. Osai Kalidasan	1	2	3	4	5
8. Overall seminar coordination and management	1	2	3	4	5
9. Food and refreshments arrangements	1	2	3	4	5
10. Overall experience of the seminar	1	2	3	4	5

Any other suggestions/comments: _____

Thank you for your valuable feedback!

Signature of the Candidate

MINISTRY OF AYUSH

The Ministry of AYUSH (Ayurveda, Yoga & Naturopathy, Unani, Siddha, and Homoeopathy) is a key governmental organization in India, responsible for fostering and advancing traditional medicinal systems. Founded in 2014, the main objective of the Ministry is to leverage the potential of India's native medical and wellness practices, facilitating their incorporation into the national healthcare framework. Ministry administers a variety of both alternative and traditional medicine practices, each deeply rooted in Indian heritage.



Ministry of AYUSH, Ayush Bhawan, B Block, GPO Complex, INA, New Delhi, Delhi, 110023

These practices encompass Ayurveda, the ancient discipline focused on harmonizing the body's energies through natural treatments and lifestyle modifications; Yoga, a comprehensive practice that integrates physical postures, breathing methods, and meditation to enhance both mental and physical well-being; Naturopathy, which prioritizes healing via natural elements like water, air, and earth. Unani, a medical system that traces its origins to ancient Greece and was further developed by Arab scholars; Siddha, a traditional healing practice mainly found in Tamil Nadu; and Homeopathy, which is founded on the concept of treating individuals with extremely diluted substances.

A primary goal of the Ministry is to promote these systems on a global scale, advocating for their acknowledgment as legitimate medical and wellness practices. It focuses on creating policies, regulations, and standards to guarantee the quality and authenticity of AYUSH products, education, and services.

Additionally, the Ministry supports research in these areas, fostering scientific validation of traditional treatments and therapies to enhance credibility and incorporate them into contemporary healthcare systems. The Ministry promotes AYUSH therapies through public awareness programs, training initiatives, wellness centers, incentives for integration with conventional healthcare, and advocacy for their inclusion in global healthcare dialogues, highlighting their role in preventive and holistic health.

In addition to the promotion of traditional medicine, the Ministry of AYUSH plays a crucial role in policy-making and research development, aiming to create a robust ecosystem for traditional medicine while promoting its integration into national healthcare practices. Through collaborations with various national and international organizations, the Ministry strives to elevate the status of AYUSH practices in modern health regimes. In general, the Ministry of AYUSH acts as a connection between traditional knowledge and contemporary medicine, striving to guarantee that India's timely-honoured healing practices persist and develop for the advantage of both the nation and the global community.

SIDDHA SYSTEM OF MEDICINE

The Siddha system of medicine is one of the oldest traditional healing systems originating from South India. It is believed to have been developed by Siddhars, enlightened sages with deep spiritual knowledge and advanced scientific knowledge. This system is closely related to Ayurveda's tradition, but has a unique approach and philosophical framework. Siddha is widely used in Tamil Nada, India, and has recently been recognized as an additional alternative healthcare format in other areas in the world. The basic principles of Siddha medicine are based on the balance of the three vital energies or humors called Vata, Pitta and Kapha, and the five elements: Earth, Water, Fire, Air and Ether. Siddha medicine emphasizes the body's natural ability to heal itself and aims to restore harmony in a person's physical, mental and spiritual aspects.

The main features of Siddha medicine:

- 1. Herbal medicine:** It uses a wide range of herbal, mineral and metal remedies, often in the form of powders, pastes and pills. These medicines are prepared through complex processes to enhance their potency.
- 2. Diet and Lifestyle:** Like other traditional systems, the Siddhas emphasize the importance of diet and lifestyle in maintaining health, recommending certain foods and activities that balance the doshas.
- 3. Detoxification and purification:** The system uses various methods to remove body toxins, including specific plant -based procedures, job and cleaning methods.
- 4. Spiritual Healing:** Siddha also incorporates spiritual practices such as meditation, yoga, and mantras to promote mental and emotional well-being.

Four important aspects of Siddha: The phrase “*Vaadham Vaidhyam Yogam Gnanam*” refers to four important aspects that contribute to a holistic approach to health and healing.

- 1. Vadham (Vata)** – This refers to one of the three doshas (humors) in traditional Indian medicine, specifically the air or wind element. It also denotes the *Rasavadham* which means transmutation of low-grade metals into higher-order metals such as gold.
- 2. Vaidhyam (Medicine)** – This refers to the medicinal aspect of healing, which includes using herbs, minerals, and other natural substances to treat ailments. In Siddha medicine, Vaidyam emphasizes a therapeutic approach to health by using remedies that balance the doshas.
- 3. Yogam (Yoga)** – Yoga refers to the mental and physical practices that promote health, balance, and spiritual growth. It includes postures (asanas), breathing exercises (pranayama), and meditation. Siddha Medicine Yoga aligns the mind and body and brings harmony to individuals.
- 4. Gnanam (Knowledge)** – *Gnanam* represents wisdom or knowledge, especially in the context of understanding the body, mind and universe. They emphasize the holistic approach of Siddha medicine, which integrates physical, mental and spiritual aspects for overall well-being.

A BRIEF HISTORY OF NATIONAL INSTITUTE OF SIDDHA

The National Institute of Siddha (NIS), Chennai, is an institute of excellence with a mission of research and higher education in the field of Siddha medicine. It was inaugurated on 3 September 2005 by the former Prime Minister of India. NIS seeks to provide the best possible education in graduate school in Siddha, gathering a team of outstanding teachers and creating a high -quality base of resources.



Ayothidoss Pandithar Hospital with the National Institute of Siddha (NIS). The Institute intends to develop a curriculum so that the advantages of traditional science can be integrated with modern science.

NIS proposes to carry out studies to increase the acceptability of the Siddha rites and ensure their safety. NIS project in the vast Tambaram sanatorium area is a good example of central and state government collaboration.

Capital costs were divided at 60:40 by the Indian government and the Tamil Nadu government, and the rehearsal costs were divided into 75:25 in the first five years. The National Institute of Siddha, Chennai, is affiliated with TN. Dr. M.G.R. Medical University, Chennai and the Syllabus and Curriculum are in accordance with the Central Council of Indian Medicine, New Delhi. The campus is eco-friendly.

National Siddha Institute has excellent infrastructure, dedicated and highly qualified teachers and talented students. This institute is all set to bring back the glory of the Siddha system so that it can play a significant role in the field of global health. The institute is a Centre of excellence and a unique referral Institute for the Siddha system of medicine.

OBJECTIVES:

- To promote the growth and development of the Siddha system of medicine.
- To provide medical relief through the Siddha system.
- To impart the postgraduate course of the Siddha system of medicine.
- To undertake research and dissemination by act as a centre of excellence.

VISION:

To attain High quality of P.G education and good health care services in Siddha Medicine and establish Siddha as an evidence-based medicine and develop it as a centre of excellence in Siddha.

MISSION:

- To improve the quality and standards of P.G. education and U.G education.
- To conduct research and validate the Siddha Medicine for selected diseases.
- To document the health care services for scientific validation and disseminate the research work in publications and to provide good health care services through Siddha.

AYOTHIDOSS PANDITHAR HOSPITAL

National Institute of Siddha is located at Grand Southern Trunk Road, Tambaram Sanatorium, Chennai, and operates from its campus spread over an area of 14.78 acres. The Ayothidoss Pandithar Hospital attached to the institute is a NABH-accredited hospital that provides medical services to the public and imparts clinical training to undergraduate, CRRI, postgraduate and doctoral students. OPD and IPD, with a strength of 200 beds for 365 days a year. In addition, NIS is covered in different places of Chennai in the OPD *Swasthya Rakshan & Swasthya Parikshan* and a peripheral OPD in the tribal region, *Kothimangalam, Thirukazhukunram, Kancheepuram*.

OBJECTIVES:

- To provide safe and quality medical care through the Siddha system of medicine to humanity.
- To develop high-quality clinical teaching in UG & PG education in the Siddha system.
- To conduct clinical research on various aspects of Siddha.
- To document the healthcare services for scientific validation.
- To disseminate clinical research works through scientific publications and publication of books for global acceptance.
- To develop, promote and propagate various aspects of Siddha treatment.

VISION:

To provide healthcare through the Siddha System of Medicine for all citizens and position Siddha as the preferred system of medicine for public healthcare.

MISSION: To provide affordable, compassionate and quality healthcare services through the Siddha system of medicine to all.

- To improve the quality and standards of clinical teaching in post-graduate education.
- To evolve as a centre of excellence in providing healthcare through the Siddha system of medicine.

SCOPE OF SERVICES:

Out-Patient Services:

- Screening OPD
- *Pothu Maruthuvam* (General Medicine)
- *Gunapadam* (Siddha pharmacology)
- *Sirappu Maruthuvam* (Special Medicine)
- *Varma Maruthuvam* (Varma therapy)
- *Pura Maruthuvam* (External medicine)
- *Siddhar Yoga Maruthuvam*
- *Noi Naadal* (Siddha pathology)
- *Kuzhandhai Maruthuvam* (Pediatrics)
- *Sool & Magalir Maruthuvam*
(Obstetrics and Gynecology)
- *Nanju Maruthuvam* (Siddha Toxicology)
- *Aruvai Maruthuvam* (Surgery)
- *Thol Maruthuvam* (dermatology)
- Paid OPD

Special and External therapy procedures:

- *Enbu murivu* (Traditional bone setting)
- *Thokkanam*
- (Therapeutic manipulation therapy)
- *Attaival* (Leech therapy)
- *Suttigai* (Cauterization)
- *Patru* (Poultice)
- *Ennaikkattu* (Oil pooling)
- *Peechu* (Enema)
- *Varmam* (Varma therapy)
- *Yogam* (Yoga Therapy)
- *Otradam* (Fomentation)
- *Iyanmurai Maruthuvam* (Physiotherapy)
- *Vedhu* (Steam inhalation)
- *Podithimirthal* (Powder rubbing)

- *Kaaranool* (Caustic thread)
- *Pugai* (Fumigation)
- *Soolkaala paraamarippu* (Antenatal care)

Laboratory Services:

- Biochemistry
- Clinical Pathology
- Microbiology
- *Siddha Maruthuva Noikanippu* (Siddha diagnosis)
- ECG
- Spirometry

Imaging Services

- Radiology
- USG

In-Patient Facilities:

- General Ward (188 beds)
- Special Ward (12 beds)

Special OPD Services:

Besides regular outpatient services, the National Institute of Siddha also conducts Special Out Patients service for the following diseases:

Day	Morning (8.00 am – 12.00 noon)	Evening (2.00 pm – 4.00 pm)
Monday	<i>Ithaya noi</i> (Cardiac Diseases) (OP No: 20 and 21)	<i>Neerizhivu Noi</i> (Diabetes Mellitus) OP No: 20 and 21
Tuesday	<i>Yogam, Kaayakarpam</i> and <i>ThottraNoikal</i> (Rejuvenation therapy and Non-communicable Diseases) (OP No: 14)	<i>Muthiyor Maruthuvam</i> (Geriatrics) (OP No: 14 and 15)
Wednesday	<i>Siruneerga Noikal, Uyar RathaAzhutham</i> and <i>Nuraieeral noi & Iraippu irumal</i>) [Renal diseases, Hypertension and Bronchial Asthma] (OP No: 7 and 8)	-----
	<i>Puttru Noi</i> (Cancer) (OP No: 23)	
Thursday	<i>Athithoolam/Udalparuman</i> (Obesity) (OP No: 11 and 12)	-----
	<i>Azhagiyaal</i> (Cosmetology) (OP No: 26 and 27)	
Friday	<i>Maantha sanni</i> (Autism) (OP No: 16)	<i>Magavinmai</i> (Infertility) (OP No: 17)

ORGANIZERS – DEPARTMENT OF MARUTHUVAM

Department of Maruthuvam

The Post Graduate Department of Maruthuvam is recognized as the primary and most distinguished among the six specialized postgraduate departments in Siddha Medicine. This department serves as a vital pillar in healthcare services, academics, and research within the Siddha system.

Vision and Mission:

The department is driven by the goal of fostering advanced and specialized knowledge in Siddha Medicine. Its mission is to cultivate competent scholars, expert physicians, dedicated researchers, skilled scientists, and proficient educators who will significantly contribute to the growth and dissemination of Siddha principles both in India and across the globe.

Through the integrated efforts of clinical practice, academic rigor, and innovative research, the Department of Maruthuvam aims to:

- Impart specialized education in Siddha Maruthuvam to postgraduate students, enabling them to master the vast clinical knowledge and therapeutic applications of the Siddha system.
- Produce highly skilled professionals capable of advancing the field of Siddha Medicine through teaching, research, and clinical excellence.
- Deliver comprehensive and high-quality healthcare services to the public, ensuring that the benefits of Siddha Medicine reach all sections of society.
- Undertake systematic safety and efficacy studies of Siddha medicinal formulations, thereby contributing to scientific publications that enhance global recognition and acceptance of Siddha therapeutic practices.

Academic Significance and Core Curriculum:

The Siddha System of Medicine holds a significant place in the traditional medical heritage of India and has now attained international recognition for its unique diagnostic and therapeutic methodologies.

The foundation of the Siddha system is attributed to the teachings of the Eighteen Siddhars, who are revered as the ancient pioneers of Siddha Medicine. These Siddhars systematically classified human diseases into 4,448 distinct types based on the concept of the three primary humours (Mukkutram):

- Vali (Vatham)
- Azhal (Pitham)

- Iyam (Kapham)

The classification is further refined through the comprehensive study of disease manifestations, including etiology (causes), signs and symptoms, humoural imbalance, pulse diagnosis (Naadi), disease progression, complications, prognosis, and tailored treatment regimens.

Detailed Areas of Study in Maruthuvam:

Students in the Maruthuvam department engage in an in-depth exploration of:

- Disease Synonyms and Definitions: Understanding multiple terminologies and precise descriptions for each disease condition.
- Etiopathogenesis: Studying the origin and causes of diseases, including the role of humoural vitiation.
- Clinical Examination: Mastering Siddha-specific diagnostic techniques such as Naadi (pulse) examination and integrating them with modern diagnostic tools.
- Complication Management: Gaining knowledge on identifying potential disease complications and appropriate interventions.
- **Therapeutic Protocols:**
 - Internal Medicines: Formulations to be administered orally.
 - External Medicines: Topical applications including oils, lepas, and baths.
 - Special Medicines: Unique Siddha preparations like Parpam, Chendooram, and Kuzhambu.
- Dietary Guidelines (Pathiyam): Emphasis on the vital role of diet in both disease management and prevention.
- Prognosis Evaluation: Assessing the likely disease outcomes based on Siddha parameters.

Research and Modern Integration:

The academic training in the Department of Maruthuvam is designed to bridge traditional wisdom with modern scientific approaches. To ensure a comprehensive understanding and to promote evidence-based practice, postgraduate students are educated in:

- Research Methodology: To develop the ability to conduct systematic scientific investigations.
- Biomedical Statistics: For accurate data analysis and interpretation of research outcomes.
- Diagnostic Correlation: Integration of Siddha diagnostic methods with modern clinical investigations to ensure holistic assessment.

- Modern Pharmacology: Emphasis on drug actions, interactions, and safety profiles in the context of both Siddha and Allopathic systems.
- Recent Medical Advances: Exposure to contemporary developments in medical science, enriching the student's clinical acumen.

Scholarly Engagement:

The department strongly encourages students to actively participate in the broader scientific community. Postgraduate students are guided to:

- Conduct dissertations, pilot studies, and single-case studies which contribute valuable clinical data to the Siddha system.
- Present their research findings at national and international conferences and seminars, where students from the department have consistently earned accolades for their oral and poster presentations.
- Publish their work in reputable journals, promoting the Siddha system's scientific credibility on global platforms.

Conclusion:

The Department of Maruthuvam plays a pivotal role in advancing Siddha Medicine through its integrated approach to clinical service, academic excellence, and dedicated research. By training the next generation of Siddha physicians, scholars, and researchers, the department is steadfast in its commitment to preserving traditional medical knowledge while simultaneously adapting to the evolving landscape of global healthcare. Through its relentless pursuit of quality education, evidence-based practice, and international outreach, the Maruthuvam Department is shaping a future where Siddha Medicine is globally respected and widely practiced.

WORLD ENVIRONMENT DAY CELEBRATION – JUNE 5

Introduction to World Environment Day

World Environment Day, celebrated annually on June 5th, is a significant global event established by the United Nations General Assembly in 1972 during the historic Stockholm Conference on the Human Environment. It has since evolved into the UN's most prominent platform for promoting environmental awareness and positive action. Each year, the day is hosted by a different country, spotlighting a unique theme—including issues such as air pollution, ecosystem restoration, and climate change.

The purpose of the day is to encourage individuals, communities, institutions, and governments worldwide to commit to sustainable practices and take concrete steps toward preserving and protecting the environment for both present and future generations.

Relevance of World Environment Day to the Siddha System of Medicine

The Siddha system of medicine, among the world's oldest traditional healing sciences, is deeply intertwined with natural ecosystems. Its philosophy and practice emphasize the harmonious coexistence between human beings and the environment.

Siddha medicine operates on the principles of the Pancha Boothas (Five Elements):

- **Earth – symbolizing physical structure and minerals**
- **Water – fluids and circulation**
- **Fire – digestion and transformation**
- **Air – movement and respiration**
- **Space – the container for all other elements**

Disruption in these elements in the external environment leads to corresponding imbalances within the human body, resulting in disease. For example:

- Polluted air and water introduce toxins that impair respiratory and gastrointestinal health.
- Deforestation and loss of biodiversity threaten the availability of medicinal herbs critical to Siddha formulations.

Thus, environmental stewardship is not just an ecological necessity but a medical imperative within Siddha.

In closing, the program called upon all attendees—students, faculty, and healthcare professionals—to act as guardians of nature. The event concluded with the powerful message: “Healing begins where nature is protected – let Siddha lead the way.”

PARTICIPANT REPORT – ONE DAY NATIONAL SEMINAR

Venue : National Institute of Siddha, Chennai

Occasion : World Environment Day

Event Type : One-Day National Seminar

The One-Day National Seminar organized at the National Institute of Siddha in observance of World Environment Day witnessed enthusiastic participation across various academic and professional categories. **A total of 308 individuals attended the event, comprising 260 registered and 48 non-registered (spot-registered) participants.**

The attendee breakdown is as follows:

- Faculties: 30 participants (16 registered, 14 not registered)
- Medical Officers: 15 participants (all registered)
- Ph.D. Researchers: 10 participants (9 registered, 1 not registered)
- CRMI (Community-Based Rotatory Medical Interns): 32 participants (14 registered, 18 not registered)
- GSMC, Chennai Delegates: 14 participants (all registered)
- Undergraduate Students: 108 participants (104 registered, 4 not registered)
- Postgraduates – First Year: 41 participants (38 registered, 3 not registered)
- Postgraduates – Second Year: 32 participants (29 registered, 3 not registered)
- Postgraduates – Third Year: 26 participants (21 registered, 5 not registered)

The seminar served as an effective platform for raising awareness about environmental sustainability in the context of Siddha medicine and public health.

Catogories	Registered	Not Registered	Total
Faculties	16	14	30
Medical Officer	15	0	15
Ph.D Researcher	09	01	10
CRMI	14	18	32
GSMC, Chennai	14	0	14
Undergraduates	104	4	108
PG First Year	38	3	41
PG Second Year	29	3	32
PG Third Year	21	5	26
Total	260	48	308

SUSTAINABLE SUPPORT BY IMPCOPS

Sustainable Support by IMPCOPS – Eco-Friendly Registration Kit Sponsorship

The **Indian Medical Practitioners' Co-operative Pharmacy and Stores (IMPCOPS)** played a pivotal role in promoting environmental responsibility by **sponsoring eco-friendly registration kits** for the **One-Day National Seminar on World Environment Day** held at the **National Institute of Siddha (NIS), Chennai**.

In alignment with the event's theme of “**Sustainability and Environmental Consciousness in Health Systems**”, IMPCOPS contributed thoughtfully curated registration kits that emphasized eco-conscious living and zero-waste principles. Each kit included:

1.  **Plantable Scribbling Notepad** – Made with recycled paper embedded with seeds of native plants, allowing participants to plant the pages after use. This symbolized growth, renewal, and the idea that knowledge and sustainability can co-exist.
2.  **Seeding Pen** – An eco-pen crafted from biodegradable material, embedded with a live seed capsule at the rear end. Once discarded, the pen can be planted, thereby reducing plastic waste and encouraging greenery.
3.  **Eco-Friendly Jute File** – A reusable and biodegradable file folder made from natural jute fiber, replacing plastic folders. It served both functional and symbolic value, representing a shift toward sustainable office and academic practices.

This initiative by IMPCOPS not only elevated the environmental standard of the seminar but also served as a **model for future green event planning** within academic and medical institutions. The gesture was well received by all participants and appreciated for promoting **eco-literacy and behavioral change** among the student and faculty community.

The **National Institute of Siddha sincerely thanks IMPCOPS** for their timely, relevant, and thoughtful sponsorship that added significant value to the seminar and aligned seamlessly with the World Environment Day message.

ONE DAY NATIONAL SEMINAR – PHOTO GALLERY





























Details of Momentum distributed on the One Day National Seminar in World Environment Day – June 5, 2025

A. Four Mementos Distributed to:

1. **Prof. Dr. G. Senthilvel MD(s)**, Ph.D., Director-In-Charge, NIS (Photo – 1)
2. **Mr. Indrakumar**, President, Home Exnora (Photo – 2)
3. **Dr. K. Kader Mohideen**, IMPCOPS (on behalf of President, IMPCOPS) (Photo – 3)
4. **Dr. Suresh. S**, Vice President, IMPCOPS (Photo – 4)

B. One Memento Distributed to the Chief Guest (Photo – 5):

1. **Prof. Dr. S. Hemalatha** M.Sc., Ph.D., Professor and Dean, Scholl of Life Sciences,
B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai

C. One Memento Distributed to the Keynote Speaker (Photo – 6):

1. **Dr. G. Sivaraman**, BSMS, Ph.D.
Member, State Planning Commission, Govt. of Tamil Nadu
Session: Keynote Address – World Environment Day

D. Four Mementos Distributed to the Following Speakers of Plenary Session:

1. **Prof. Dr. Sultan Ahmed Ismail, Ph.D., D.Sc.** (Photo – 7)
Member, State Planning Commission, Govt. of Tamil Nadu
Session: Sustainable Living – The Way Forward for Earth's Sake
2. **Mrs. Kavitha Muralidharan** (Photo – 8)
Senior Journalist, Poovulagin Nanbargal, Chennai
Session: Women's Health and Environment
3. **Mr. Sundarrajan, B.E.** (Photo – 9)
Member, Governing Council of Climate Change, Govt. of Tamil Nadu
Session: One Health and Climate Change
4. **Mr. Osai Kalidasan** (Photo – 10)
Environmentalism, Osai Environmental Organisation, Coimbatore
Session: Green Threads: Weaving Human Life with Nature





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KEY NOTE SPEAKER - DR. G. SIVARAMAN (B.S.M.S., PH.D.)

Dr. G. Sivaraman (B.S.M.S., Ph.D.) – A Visionary Leader in Siddha Medicine

Professional Leadership & Institutional Roles

Dr. G. Sivaraman serves as the Managing Director and Chief Siddha Physician of Arogya Healthcare Pvt. Ltd., an integrated Siddha wellness institution he founded in the mid-1990s and which has since become a leading name in holistic healthcare across Tamil Nadu. He also holds multiple influential positions in national healthcare governance, including memberships on the Scientific Advisory Committee and Institutional Ethics Committee of the National Institute of Siddha (NIS); participation in the AYUSH Working Group for policy formulation; and lasting contributions to the Siddha Pharmacopoeia Committee and the TKDL Expert Group.



Advocate for Integrative Medicine & Public Health

A proponent of harmonizing traditional wisdom with modern healthcare, Dr. Sivaraman has actively championed integrated medicine approaches. He has inspired policies and research that combine the strengths of Siddha and modern systems to enhance public health infrastructure.

Academic Contributions & Thought Leadership

Complementing his clinical practice, Dr. Sivaraman is a respected author and communicator. His widely acclaimed Tamil health columns—especially “Aaraam Thinaai”—as well as books like *Ezham Suvai*, *Marunthena Vendaavaam*, *Uyirpizhai*, and *Nalam 360*, have bridged complex medical concepts with community understanding.

Global Outreach & Recognition

With an expansive global footprint, Dr. Sivaraman has delivered key lectures on Siddha medicine and functional foods across continents—addressing audiences in the USA, Canada, Switzerland, UAE, and Malaysia. His expertise has been embraced in conferences ranging from WOCMAP in Thailand to integrative oncology events in the USA. His outstanding contributions have earned him numerous awards, including the Best Doctor Award (2012) by

Tamil Nadu Dr. MGR Medical University, Journalism for Development (2013), Best Book Award (2004), and the Bogar Award (2024) for Siddha excellence.

Climate Change & Human Health: Wake-Up Call from Dr. G. Sivaraman

 **National Institute of Siddha, Chennai/  June 5, 2025 | World Environment Day Seminar/  10:30 AM – Keynote Address**

The **National Institute of Siddha (NIS)** marked *World Environment Day 2025* with an urgent and thought-provoking keynote address by **Dr. G. Sivaraman, BSMS, Ph.D.**, Member of the State Planning Commission, Government of Tamil Nadu.

Opening with the powerful statement, “*Climate change doesn’t just impact weather—it impacts your kidneys, your lungs, your immunity, and your life,*” Dr. Sivaraman drew immediate attention to the deep and growing connections between environmental degradation and human health.

 **Regional Health Observations - Bangladesh’s coastal communities** are witnessing a rise in renal dysfunction (reduced GFR), driven by increasing salinity and dehydration. **Tuticorin, Tamil Nadu** is showing similar early warning signs, signaling a potential public health crisis linked to ecological change.

 **Climate & Disease Patterns - Vector-borne diseases** like dengue and malaria are increasing as mosquito breeding zones expand, **Diabetes risk** may be rising due to chronic dehydration and environmental stress and Extreme heat is reducing daily water intake, disrupting metabolism and increasing vulnerability to illness.

 **Infectious Diseases & Immunity** - Tamil Nadu now ranks *first in influenza prevalence* and Climate fluctuations are altering virus transmission cycles and weakening community immunity.

 **Biodiversity Under Threat** - The **Indrabogam (Ladybird beetle)**—a natural agricultural ally—has suffered a sharp population decline, reflecting soil and crop health deterioration from pesticide overuse and rising temperatures. “*The health of small insects reflects the health of our soil, crops, and ultimately—ourselves,*” Dr. Sivaraman emphasized.

Call to Collective Action

Dr. Sivaraman urged united efforts from policymakers, health professionals, students, and the public to address the climate-health crisis. His recommendations included:  **Practicing preventive healthcare,**  **Conserving water resources,**  **Adopting eco-friendly daily habits** - Concluding with a clear warning, he reminded all: “*Let’s not treat climate change as tomorrow’s issue—it’s today’s emergency.*”

CHIEF GUEST: DR. S. HEMALATHA, Ph.D

Dr. S. Hemalatha, Ph.D

Professor & Dean, School of Life Sciences

B.S. Abdur Rahman Crescent Institute of Science and Technology,
Chennai

Email: hemalatha.sls@bsauniv.ac.in | dean.sls@bsauniv.ac.in



Profile

Accomplished academic leader and researcher with 25 years of teaching and research experience in life sciences, biotechnology, and interdisciplinary innovations. Expertise in securing major national and international research grants, mentoring start-ups, and fostering impactful academic-industry collaborations.

Education

- Post-Doctoral Research – Biotech Center, Rutgers University, USA
- Post-Doctoral Research – Department of Biochemistry, University of Wisconsin, USA
- Ph.D – Bharathiar University, Coimbatore, India

Professional Experience

- Professor & Dean, School of Life Sciences, BSA Crescent Institute (2013–present)
- Project Director & Faculty, Biotech Center, Rutgers University, USA

Research & Grants

- India: 6 completed grants worth ₹3.25 Cr; 4 ongoing grants worth ₹46.48 L
- International: Funding from USDA, NIH, USWBSI, Busch Foundation (2005–2010)
- Conference grants from ICMR, DST, SERB, TANSCT, DBT, EDII (2014–2022)

Publications & Patents

- Publications: 204 journal articles, 10 book chapters, 2 books, 821 conference papers
- Patents: 1 US patent, 8 Indian patents granted, 11 published, 14 filed
- GenBank: 163 novel genomic sequences deposited (NCBI, NIH, USA)

Editorial Roles

- Associate Editor – *Inorganic Nano Metal Chemistry* (Taylor & Francis)
- Associate Editor – *Applied Biochemistry & Biotechnology* (Springer Nature)
- Section Editor – *Current Pharmacology Reports* (Springer Nature)

Mentorship & Start-ups

- Supervised: 9 Ph.D (8 ongoing), 118 PG (19 ongoing), 128 UG (21 ongoing)

- Mentored 44 student start-ups (MSME-registered)
- Founder-Director of 2 companies; 46 products developed

Awards & Honors (*Selected*)

- Fulbright Specialist Grant, USIEF, USA (2025)
- Aryabhata Lifetime Achievement Award (2024)
- APJ Abdul Kalam Outstanding Researcher Award (2024)
- Velu Nachiyar Women Scientist Award (2023)
- Top 50 Women Educators in India (2019, uLektz)
- National & State Best Teacher Awards – Microbiologists Society, India (2021)

FELICITATION ADDRESS BY IMPCOPS PRESIDENT AND SECRETARY IN- CHARGE

Dr. M. Suresh, Vice President of IMPCOPS, extended his heartfelt appreciation for the seminar's strong focus on environmental consciousness. He acknowledged the significance of integrating eco-friendly practices into academic and professional gatherings, and to further encourage this vision, he generously sponsored the eco-friendly registration kits distributed to participants. His gesture reflected not only his commitment to sustainability but also his encouragement for the wider adoption of such practices within the Siddha fraternity.



Following this, Dr. K. Kader Mohideen, B.Sc., B.S.M.S., Secretary In-charge of IMPCOPS, joined the Vice President in delivering an additional warm felicitation. He commended the seminar's eco-conscious approach and lauded the organizers for aligning the event's objectives with broader goals of environmental stewardship. He reaffirmed IMPCOPS' steadfast support for sustainable Siddha initiatives, emphasizing that such collaborative efforts between traditional medicine and ecological responsibility pave the way for a healthier, greener future. Together, their messages underscored the importance of weaving sustainability into every aspect of the Siddha system's growth and outreach.



PLENARY SESSION – I: DR. SULTAN AHMED ISMAIL

Profile:

Dr. Sultan Ahmed Ismail Ph.D., D.Sc.,

Ecologist | Educator | Policy Advisor | Earthworm Specialist

Date of Birth: October 9, 1951

Dr. Sultan Ahmed Ismail is a distinguished ecologist and environmental scientist who has made pioneering contributions to sustainable farming, ecology education, and environmental policies. He currently serves as Advisor and former Director of the Ecoscience Research Foundation, Chennai.



A passionate advocate for soil biology, organic inputs, and

earthworm-based technologies, Dr. Ismail has actively worked in the field of environmental science since 1978. His research and outreach work spans education, waste management, organic agriculture, and sustainable environmental practices.

Current Positions & Contributions:

- Member, State Planning Commission, Government of Tamil Nadu
 - Involved in shaping key policies: Organic Farming, Land Use, Water, and Waste Management
- Chairman, Committee on Bio-Stimulants and Bio-Fertilizers Evaluation
- Member, High-Level Committee for Tamil Nadu State Education Policy
- Chairman, Reconstituted Expert Technical Committee on Hydrocarbon Projects, Tamil Nadu
- Chairman, Scientific Review Committee, IRIS Program – Ministry of Science & Technology, Govt. of India
- Vice President, World Earthworm Industry Federation
- Chairman, Technical Steering Committee, Dr. Fa Earthworm Standardization Centre, China

Academic Career Highlights:

- Began teaching career in 1974
- Former Head, Departments of Zoology & Biotechnology, The New College, Chennai
- Guided 32 M.Phil. and 20 Ph.D. scholars
- Published 80+ research papers in national and international journals
- Served NCERT (1987–90) and Tamil Nadu Curriculum Framework Committee (2017–18)

Awards & Recognition:

- CASTME Award, UK (1994-95)
- Arignar Anna Environmental Award, Government of Tamil Nadu (2005)
- Award of Excellence, Governor of Jharkhand (2010)
- Special Contribution Award, World Earthworm Forum, China (2018)
- Champion of Chennai Award (2019)

- Beacon of Hope Award (2020)
- Inspiring Humanitarian Award, WHD UK (2021)
- Green Man Award, Rotary Peace Builders (2021)
- Named among Top 10 Personalities of Tamil Nadu, Ananda Vikatan (2013)

Publications & Outreach:

- Author of “The Earthworm Book”, translated into Tamil, Chinese, and Persian
- Other works: “*Mann Makkal Mahasool*”, “*Worming My Way*”, and “*Simple Tasks – Great Concepts*”
- Addressed over 50,000 people on ecology and sustainability across India and abroad

Dr. Ismail’s work continues to influence environmental education, sustainable agriculture, and grassroots awareness initiatives. His efforts reflect a lifetime of dedication to creating a healthier planet from the soil upward.

For more information, please Google “Dr. Sultan Ahmed Ismail.” or

Use this link: <https://sultanahmedismail.wordpress.com/about/>

Facebook profile: <https://www.facebook.com/sultanismail/>

Instagram profile: <https://www.instagram.com/earthwormismail/?hl=en>

Plenary Session - I: Dr. Ahmed Sultan Ismail

 **Sustainable Living for Earth’s Sake – A Vision by Prof. Dr. Sultan Ahmed Ismail**

 **National Institute of Siddha, Chennai**

 **June 5, 2025 | World Environment Day Seminar**

 **11:00 AM – Expert Session**

 **Prof. Dr. Sultan Ahmed Ismail, Ph.D., D.Sc.**

Member, State Planning Commission, Government of Tamil Nadu

"Nature restores itself. Humans can only rehabilitate."

In this powerful session, Prof. Dr. Sultan Ahmed Ismail, a pioneering soil biologist and sustainability advocate, shared his vision for a more balanced future — one where soil, seeds, and society thrive in harmony.

 **Sustainable Development Goals (SDGs) by 2030 – Key Targets:**

1. Access to adequate nutrition for all
2. Ending all forms of malnutrition
3. Doubling agricultural productivity
4. Restoring land and soil health
5. Conserving genetic biodiversity

 With India ranked 109 out of 166 in global SDG progress, Dr. Ismail urged for urgent ecological and agricultural reforms.

Soil: A Living, Breathing Ecosystem

He introduced a revolutionary way of viewing soil – as a system with human-like functions:

- Digestive system – composting by microbes
- Respiratory system – gas exchange
- Circulatory system – water movement
- Excretory system – salt removal
- Reproductive system – seed germination
- Nervous system – intelligent decomposition decisions

Climate Impact on Agriculture & Food Systems

- Global warming threatens C3 crops (like rice, wheat) – shifting reliance to C4 crops
- Emphasized heirloom seeds (நாட்டு விதைகள்) for food security
- Warned against GMO crops and excessive use of recombinant hormones in dairy and poultry

Ecological Health & Public Safety Concerns

-  Polished basa fish may contain harmful additives
-  Antibiotics and hormones in poultry = hormonal issues in children
-  Food colors like Red 40, Blue 1 are linked to long-term health risks
-  Emphasized using BPA-free plastics and avoiding Styrofoam for hot foods

Eco-Solutions from Nature

-  Vermitech & Vermicompost using green and dry leaves
-  DIY biofertilizers: banana peel soak, eggshell vinegar blend
-  Biofertilizers from native jaggery and fruit fermentation

 **"Remember** — oceans produce more oxygen than trees. Every drop, every earthworm, every microbe matters."

In closing, Dr. Ismail reminded us:

“We are not against technology. But we must learn where, how, and when to use it — for the earth’s sake.”

#WorldEnvironmentDay2025 #SustainableLiving #SoilToCells #DrSultanIsmail #EcoFarming
#Vermitech #NaturalFarming #SDG2030 #SiddhaScience #NIS #AYUSH #GreenEarth

PLENARY SESSION – II: Mrs. KAVITHA MURALIDHARAN

Mrs. Kavitha Muralidharan

Journalist | Writer | Translator | Social Commentator

Date of Birth: 2nd August 1975

Current Designations:

- Independent Journalist – Contributor to national and international media outlets
- Member – Poovulagin Nanbargal, Tamil Nadu-based environmental movement
- Literary Translator – Tamil ↔ English (Notable translations published by Westland, Juggernaut)



Educational Qualification:

M.A. (Mass Communication & Journalism), University of Madras – 1997

Profile Overview:

Ms. Kavitha Muralidharan is a seasoned bilingual journalist with over 25 years of experience covering Tamil Nadu's political, social, and cultural landscapes. She began her journalism career in 1998 with *News Today*, and has since held key editorial roles in *The Hindu Group*, *India Today*, and *The Week*. She was instrumental in launching *The Hindu Tamil*, where she headed the reporting division, and later served as Associate Editor at *India Today Tamil*.

As an independent journalist, she actively writes for reputed national and digital platforms, focusing on political affairs, human rights, gender issues, and marginalized communities. Her reporting from Sri Lanka on the aftermath of the civil war has drawn critical appreciation for its depth and empathy.

Major Contributions:

- Extensive reporting on women's issues, Dalit rights, and environmental justice
- Covered post-war civilian life in Sri Lanka with a human rights lens
- Regular columns on Tamil Nadu's socio-political evolution
- Highlighted environmental-gender intersections in grassroots reporting

Other Key Roles & Activities:

- Acclaimed Translator – Key works include *Amma* by Perumal Murugan (Westland), *Sandalwood Soap and Other Stories* (Juggernaut), and *Where God Began* by A. Muttulingam (Westland)
- Translated anonymous Iraqi war blogs and opinion columns into Tamil
- Published Tamil poetry and essays exploring identity, memory, and resistance
- Active member of Poovulagin Nanbargal, contributing to eco-literary activism

Awards & Recognition:

- Press Institute of India–ICRC Award for Best Humanitarian Reporting
- Vijay Television's Best Woman Journalist Award – 2014

Publications:

- Authored and contributed to Tamil literary journals and anthologies
- Translator of acclaimed Tamil-English bilingual works elevating regional narratives to a national stage

Use this link to find her on google:

<https://thesouthfirst.com/author/kavithamuralidharan/>

Linked in profile: <https://in.linkedin.com/in/kavitha-muralidharan-26217624>

Instagram link: <https://www.instagram.com/kavithamuralidharan/?hl=en>

Plenary Session - II: Mrs. Kavitha Muralidharan



Climate Justice Begins with Her – Ms. Kavitha Muralidharan

Speaks for Women & the Environment



National Institute of Siddha, Chennai



June 5, 2025 | World Environment Day Seminar



12:15 PM – Special Session



Ms. Kavitha Muralidharan M.Sc.,

Senior Journalist & Member, Poovulagin Nanbargal

"A woman's personal problem is a public problem.

Climate change doesn't just affect nature — it deeply impacts the lives, health, and dignity of women."

With this profound message, Ms. Kavitha Muralidharan delivered an emotionally charged and eye-opening talk on the gendered dimensions of environmental crisis.



Real-Life Examples of Gendered Impact:

-  Bhopal gas tragedy & Ennore ammonia leak caused chronic bronchitis and infertility, disproportionately affecting women
-  In the 2004 Tsunami, more women and children lost their lives — due to societal restrictions and lack of swimming skills
-  Heatwaves led to a drop in efficiency for female construction workers and increased cases of premature labor



Water & Sanitation Struggles:

- Water stress worsens hygiene issues for women, leading to higher rates of urinary tract infections
- In Rajasthan, women are now being encouraged to eat with their families — a shift from outdated traditions
- In Maharashtra, the emergence of “water wives” — multiple women married to one man just to fetch water — reflects the deep crisis



New Terms in the Climate Lexicon:

- **Climate widows** – women who lose spouses due to environment-induced migration or health impacts

- **Climate migrants** – families, especially women, forced to move to cities as daily wage laborers due to drought and crop failure

The Way Forward:

Ms. Kavitha called for women to be empowered as environmental protectors, not just victims of eco-crisis.

She quoted Wangari Maathai, Nobel Laureate and environmental activist, as a shining example of how women's leadership can heal ecosystems and communities alike.

 “Women's knowledge, resilience, and strength must not be overlooked in climate policy — they are our greatest hope for sustainable change.”

#ClimateJusticeBeginsWithHer #WomenAndEnvironment #KavithaMuralidharan #EcoFeminism #WED2025 #SiddhaPerspective #AYUSH #NIS #GenderAndClimate #SoilToCells #GreenVoices

PLENARY SESSION – III: Mr. G. SUNDARRAJAN

Mr. G. Sundarrajan

Environmental Activist | Technologist | Climate Policy Advocate

Current Designations:

- Member, Governing Council on Climate Change, Government of Tamil Nadu
- Advisor – Promotion of New Energy and Energy Efficiency, TANGEDCO
- Member, Poovulagin Nanbargal
- CEO & Director, HnS Technologies Pvt. Ltd. and Surinova Pvt. Ltd.



Educational Qualification:

B.E. (Electronics and Instrumentation), Annamalai University – 1995

Profile Overview:

Mr. G. Sundarrajan is a prominent environmental activist and technologist, known for his dedicated involvement in climate and ecological advocacy through the renowned environmental organization *Poovulagin Nanbargal*, where he serves as Volunteer Coordinator. Alongside his environmental work, he leads innovative ventures in digital solutions and robotics through his companies.

He has played a key role in several environmental campaigns across Tamil Nadu, including movements for climate action, safe food, and resistance to nuclear energy projects in Kalpakkam and Koodankulam. As a Governing Council Member, he is actively involved in setting climate goals for Tamil Nadu, focusing on mitigation, adaptation, and resilience-building.

Major Contributions:

- Conducted climate awareness meets with political leaders, elected representatives, youth, and social movements.

- Led the *Youth and Climate* initiative, reaching over **1,00,000 students** through schools, colleges, and youth clubs.
- Contributed to the legal battle and advocacy against environmentally harmful projects.
- Helped shift Tamil Nadu's environmental discourse to a people-centric approach, influencing political awareness on environmental issues.

Other Key Roles & Activities:

- Editorial Board Member, *Poovulagu* – a Tamil monthly magazine focusing on eco-politics, organic farming, creative environmental journalism, and youth engagement.
- Active participant in national debates on nuclear energy, with appearances in *India Today*, *Vikatan*, and television channels.
- Served in the **State Planning Commission's Working Group** for Water Resource Policy Development.
- Part of the **Solidarity Committee for the People's Movement Against Nuclear Energy**.
- Engaged with movements such as the **SFA Against Bt-Brinjal**.

Awards & Recognition:

- Selected among the “Top 10 Persons” of the Year 2012 by *Ananda Vikatan*.
- Awarded “**Nambikkai Tamizhan**” by *Puthiya Thalaimurai* Channel.

Publications:

Authored **three books in Tamil** on environmental issues, enriching Tamil literature with science-based ecological perspectives.

Personal Details:

- **Name:** G. Sundarrajan
- **Father's Name:** Late Gomathinayagam
- **Date of Birth:** 3rd January 1973
- **Email:** sundarrajan.hns@gmail.com

Plenary Session - III: Mr. G. Sundarrajan



One Health & Climate Crisis – A Wake-Up Call by Mr. G. Sundarrajan



National Institute of Siddha, Chennai



June 5, 2025 | World Environment Day Seminar



2:00 PM – Expert Talk



Mr. G. Sundarrajan, B.E.

Member, Governing Council on Climate Change, Government of Tamil Nadu

“We are not facing a climate problem. We are living a climate reality.”

With this striking truth, environmentalist **Mr. G. Sundarrajan** delivered a session that bridged science, policy, and philosophy — calling it not just an environmental crisis, but a **civilizational turning point**.

Mass Extinction Crisis

- Earth has seen **five mass extinctions** in the past.
- The **6th extinction** is already underway — and it's **human-driven**.
- Biodiversity loss is accelerating, ecosystems are collapsing, and time is running out.

Nation-States & Global Cooperation

- Modern governments must take **climate leadership seriously**.
- National boundaries won't stop rising seas or carbon clouds — **we need collective global responsibility**.

Climate Change is Now

- Average global temperatures are steadily climbing.
- **Sudden, high-intensity rainfall** events are increasing, causing **crop failures and flooding**.
- What was once a future concern is now our **daily lived experience**.

Carbon Footprint Accountability

- Countries like the **USA remain among the top historical emitters** of carbon.
- True climate justice must include **historic accountability and future solutions**.

2024: A Civilizational Watershed Year

Dr. Sundarrajan called 2024 the year people began defining history as:

"Pre-Climate Era" and "Post-Climate Era."

He stressed that climate change is no longer just a data point — it's a defining marker of our time.

Science Speaks Clearly

- The **6th major global study on climate change** leaves no room for doubt:

👉 **"Climate change is human-induced."**

👉 Confirmed by researchers across disciplines and continents.

A Poetic Call to Action: "Vangali Methai"

Ending on a hopeful note, he introduced the metaphor of the **"Vangali Methai"** — the hummingbird:

"Tiny, agile, graceful — yet fearless.

Even small efforts matter. Even one person can help reshape the world."

🌱 A timely reminder that **climate resilience begins with you** — and *One Health* means protecting people, animals, and the planet alike.

#OneHealth #ClimateCrisis #DrSundarrajan #VangaliMethai #MassExtinction #GreenResponsibility
#AYUSH #SiddhaForEarth #NIS #WED2025 #PostClimateEra #ActNow

PLENARY SESSION – IV: Mr. K. OSAI KALIDASAN

Mr. K. Osai Kalidasan

President / OSAI Environmental Organisation

Present Positions and Responsibilities

Co-ordinator

- Save Western Ghats Federation of Tamilnadu

Member

- Tamilnadu State board for Wildlife

Previous Positions and Responsibilities

Member

- Tamilnadu State Coastal Zone Management Authority
- Tamilnadu State Compensatory Afforestation Fund Management and Planning Authority
- Tiger Conservation Foundation, Anamalai Tiger Reserve
- Research Advisory Group, Institute of Forest Genetics & Tree Breeding, Coimbatore
- National Service Scheme Advisory Committee, Anna University, Coimbatore
- Coimbatore District Tree Protection Committee
- District Forest Committee, Coimbatore
- Environmental Protection Committee, Coimbatore Corporation
- District Watershed Committee, Coimbatore

Co-ordinator

- National Green Corps

Efforts in Human-Wildlife Conflict Mitigation

- Organizing community meetings in conflict-prone areas to address grievances and promote coexistence.
- Engaging with farmer organizations to highlight the ecological importance of wildlife.
- Conducting conflict studies in Coimbatore Forest Division and Sathyamangalam Tiger Reserve to quantify location- and season-specific conflict data for future mitigation plans.
- Strengthening relationships between forest officials and local communities in conflict areas.
- Organizing hands-on training programs for frontline forest staff, focusing on elephant behaviour, conflict management techniques, and public relations.
- Conducting specialized training for veterinarians from the Animal Husbandry Department to enhance their understanding of human-wildlife conflict resolution.

Research and Studies

- Tourism impact assessment
- Wildlife corridor mapping
- Human-wildlife conflict analysis
- Elephant Proof Trench (EPT) evaluation



- Wildlife population estimation

Other Activities and Achievements

- In the past twentyfive years sensitized more than six lakh students of various educational institutions in Tamilnadu by delivering talks on Nature and Environment.
- Creating awareness on Nature and Forest Conservation among people from various walks of life through meetings, workshops and training programmes.
- Supported more than 80 students for their successful completion of research works in various field of environment.
- Participated in more than 150 National and International conferences and seminars on Nature and Environment.
- Authored articles on Environment in the leading tamil magazines and newspapers.
- Instrumental in organising several campaigns against various threats to our natural wealth.

Plenary Session - IV: Mr. Osai Kalidasan



“Green Threads” – A Wake-Up Call from from Mr. Osai Kalidasan



National Institute of Siddha, Chennai



June 5, 2025 | World Environment Day Seminar



3:00 PM – Environmental Awareness Talk



Mr. K. Osai Kalidasan

President, Osai Environmental Organisation, Coimbatore

“Green threads connect us all. Don’t let them break.”

With these words, renowned environmentalist **Mr. Osai Kalidasan** delivered a stirring reminder of our fading bond with the natural world.



Voices Ignored, Warnings Missed

- Referencing **Greta Thunberg**, he reminded us how a 15-year-old had to stand up to world leaders for their inaction:
“You have cheated us. Cheated our future.”
- He pointed out how major climate conferences often **exclude grassroots environmentalists** who are closest to the crisis.
- Even **Stephen Hawking** warned that if this trend continues, Earth may not be habitable in 100 years.



The Only Living Planet Is Under Threat

- Earth’s biosphere is **irreplaceable**, and yet we continue to exploit it.
- **“Humans depend on animals, plants, and microbes — but they don’t depend on us.”**
- **Trees and oceans give us oxygen. Keystone species** keep ecosystems intact. Without them, collapse is inevitable.

A Climate Catastrophe, not a Future Concern

- In **Delhi (2024)**, AQI reached a staggering **795** (safe level: <50).
- We are drowning in **plastic**, losing rivers, and watching oceans heat up.
- “We are already in the storm — and pretending we’re waiting for it to arrive.”

When Water Became a Business

- Mr. Kalidasan recalled:
“There was a time in my school when no one sold water bottles.
Today, **water is a business** — and that’s a crisis in itself.”

Heritage Lost, Nature Neglected

- The sacred **Koovam River** is now a **sewage drain**.
- The **Western Ghats, 10 crore years older than the Himalayas**, are vanishing under development pressures.
- "If we forget our natural heritage, we erase our future."

Technology & Ethics Must Align

- Innovation must be **carbon-free, non-exploitative, and ecologically sound**.
- “We don’t oppose technology — but we must ensure it doesn’t cost the Earth.”

A Call to This Generation

In a divided world, Earth is the **one common home**.

Mr. Kalidasan challenged today's youth to:

-  **Demand climate accountability**
-  **Live sustainably**
-  **Be the guardians of forests, rivers, and ecosystems**

Final Message:

“Green threads are what bind us to this planet. Don’t let them snap. Reconnect. Restore. Rise.”

#GreenThreads #OsaiKalidasan #EarthUnderThreat #SiddhaForEnvironment #AYUSH #NIS

#WED2025 #EcoAwareness #OnePlanet #ClimateCrisis #ActNow #KoovamToWesternGhats

FEEDBACK FROM THE PARTICIPANTS

Inspiring Keynote by Dr. Sultan Ahmed Ismail

Participants expressed deep appreciation for the insightful and powerful keynote session delivered by Dr. Sultan Ahmed Ismail, whose presentation on “Sustainable Living for Earth’s Sake” left a lasting impression. His unique ability to connect soil biology with human physiology, his warnings about the impact of modern food systems, and his practical eco-solutions like vermicomposting and DIY biofertilizers were widely praised. Many attendees highlighted his approach as both scientifically enlightening and socially relevant, and strongly suggested that Dr. Ismail be invited again for more such sessions in the future.

Thought-Provoking Sessions by Other Resource Persons

Participants commended the sessions of Ms. Kavitha Muralidharan, Mr. G. Sundarrajan, and Mr. Osai Kalidasan for their bold perspectives on climate justice, environmental policy, and grassroots activism. Ms. Kavitha’s powerful narrative on the gendered dimensions of climate change resonated deeply with the audience, while Mr. Sundarrajan’s data-backed warnings and poetic analogies offered a civilizational view of climate urgency. Mr. Kalidasan’s emotional appeal to reconnect with our natural heritage stirred a collective sense of environmental responsibility among the attendees.

Well-Organized Seminar and Participant Satisfaction

Overall, the seminar was appreciated for its seamless organization, timely scheduling, and relevance of topics. Participants applauded the National Institute of Siddha for curating such a meaningful World Environment Day event that blended ecological science with traditional wisdom. The coordination, hospitality, and session flow were described as excellent, and attendees conveyed a strong desire to attend similar future seminars. Feedback forms overwhelmingly reflected that the event was educational, impactful, and well-executed.

TREE PLANTATION DRIVE ON WORLD ENVIRONMENT DAY

Tree Plantation Drive at National Institute of Siddha – Greening Knowledge, Healing Earth

 In Front of Library, National Institute of Siddha, Chennai

 June 5, 2025 | World Environment Day Special Event

As a symbol of healing the environment and preserving traditional medicinal knowledge, a Tree Plantation Programme was conducted in front of the NIS Library as part of the World Environment Day celebrations.

Medicinal Trees Planted:

 *Saraca asoca* (அசோகு) – Known for its use in women's health and gynecological disorders, this sacred tree is revered in Siddha medicine for its ability to nourish blood and balance uterine health.

 *Azadirachta indica* (வேம்பு / Neem) – The "village pharmacy," neem is celebrated for its anti-bacterial, anti-fungal, and detoxifying properties. Widely used in skin conditions, fevers, and immune modulation.

 *Simarouba glauca* (சொர்க்க மரம்) – This rare tree, known in Siddha for its anti-cancer potential, is part of the Dasamoola group and supports respiratory, rejuvenating, and immune-strengthening therapies.

Dignitaries Present:

Prof. Dr. G. Senthilvel, Director (i/c), NIS – Led the plantation and emphasized the importance of conserving herbal heritage.

Prof. Dr. Sultan Ahmed Ismail, Member, State Planning Commission

Prof. Dr. S. Hemalatha, Dean, School of Life Sciences, B.S. Abdur Rahman Crescent Institute

Mr. Indira Kumar

Dr. V. Manjari, Associate Professor, Dept. of Nanju Maruthuvam, Hospital Superintendent (i/c)

Prof. Dr. K. Thangadurai, Professor, Department of Maruthuvam

Dr. Nithyamala, Assistant Professor, Dept. of Gunapadam

PG Scholars of Dept. of Maruhuvam

This green initiative reinforces the Siddha principle:

“Healing starts from the Earth that nurtures us.”

#TreePlantation #WorldEnvironmentDay2025 #NISChennai #MedicinalPlants #SiddhaMedicine

#SaracaAsoca #AzadirachtaIndica # *Simarouba glauca* #FromSoilToCells #AYUSH #EcoHealth

#GreenCampus #TraditionalHealing #HerbalConservation





AATRANGKARAYIL THETRAN SCHEME - LAUNCHED AT NIS

“Aatrangkarayil Thetran Scheme” Launched at NIS – Greening Riverbeds, Healing Waters

 National Institute of Siddha, Chennai

 June 5, 2025 | World Environment Day Seminar

 Theme: “From Soil to Cells (Andathil Ullathae Pindam) – Environmental Impact on Health”

As part of our commitment to environmental conservation and Siddha-based ecological practices, the **Department of Maruthuvam** proudly launched the “**Aatrangkarayil Thetran Scheme**” – a student-led initiative aimed at improving river ecosystems through traditional wisdom.

Dr. Anbarasan, Assistant Professor, Department of Maruthuvam, efficiently coordinated this initiative as part of the World Environment Day Seminar. His dedicated efforts ensured the smooth distribution of saplings and active student participation in the green mission.

Highlights of the Launch:

- UG and PG students received *Strychnos potatorum* (*Thetran*) saplings and seeds during the seminar
- These will be planted along riverbeds to enhance water purification and biodiversity
- The plant, known in Siddha medicine for its **natural water-purifying properties**, aligns perfectly with the seminar's vision of environmental health

Dignitaries Present for the Launch:

- **Prof. Dr. G. Senthilvel, Director (i/c), NIS**
- **Dr. G. Sivaraman, Member, State Planning Commission, Tamil Nadu**
- **Prof. Dr. Sultan Ahmed Ismail, Soil Biologist and Environmentalist**
- **Prof. Dr. H. Vetha Merlin Kumari, Head, Dept. of Maruthuvam**
- **Prof. Dr. G.J. Christian, Professor & HoD, Noi Naadal**
- Dr. V. Manjari, Associate Professor, Dept. of Nanju Maruthuvam, Hospital Superintendent (i/c)
- Mr. Indira Kumar

 Students were gifted with 10 saplings and seeds to plant as part of the awareness campaign — turning knowledge into action!

Objectives of the Scheme:

1. Enhance river water quality
2. Promote eco-friendly planting practices
3. Foster environmental awareness among students

Expected Outcomes:

- Improved water ecosystems
- Enhanced biodiversity
- Stronger student-led sustainability leadership

**SOCIAL MEDIA POSTS ABOUT ONE DAY NATIONAL SEMINAR ON
WORLD ENVIRONMENT DAY CELEBRATION AT NIS**

Facebook post in AYUSH Siddha Facebook Page

- **Link of the Facebook post about World Environment Day Celebration:**
<https://www.facebook.com/share/p/1CCJ3rR5hA/>
- **Link of the Facebook post about Keynote Speaker – Dr. K. Sivaraman:**
<https://www.facebook.com/share/p/1F19gSPBUu/>
- **Link of the Facebook post – Plenary Session by Prof. Dr. Sultan Ahmed Ismail:**
<https://www.facebook.com/share/p/1F4Yz1oxPJ/>
- **Link of the Facebook post – Plenary Session by Ms. Kavitha Muralidharan:**
<https://www.facebook.com/SIDDHAAAYUSH/posts/pfbid02tYzUpvpzNdYEUVxaqdDN7hPUSf1yd353Vm8u9ruBSnUqQbz3bvn9MxLmidsv4b9UI>
- **Link of the Facebook post – Plenary Session by Mr. G. Sundarajan:**
<https://www.facebook.com/share/p/1HCEq1ShWR/>
- **Link of the Facebook post – Plenary Session by Mr. Osai Kalidasan:**
<https://www.facebook.com/share/p/1DNv2dHKsA/>
- **Link of the Facebook post about Tree Plantation Drive at NIS:**
<https://www.facebook.com/share/p/185VRGe98k/>
- **Link of the Facebook post about *Aatrankarayil Thetran Scheme* launched at NIS**
<https://www.facebook.com/share/p/1BzNBvrgJ6/>

**YOUTUBE LINK ABOUT ONE DAY NATIONAL SEMINAR ON
WORLD ENVIRONMENT DAY CELEBRATION AT NIS**

You tube link in AYUSH TV about Seminar

- **Inauguration of World Environment Day Celebration:**
https://youtu.be/Rkeb6D1Me9o?si=sSp78h-ZvXJ0j_BZ
- **You tube video link - Presidential Address by Director-in-charge, NIS**
<https://youtu.be/p-ke7p8voU4?si=--IuyOP2Ra9mkhw>
- **You tube video link – Keynote Address by Dr. G. Sivaraman**
<https://youtu.be/3NXVpPERU9Y?si=8zwwVPRoyak6ZX7B>
- **You tube video link – Initiation of *Aatrangkarayil Thetran Scheme***
<https://youtu.be/bNCJ61n4A1M?si=Qvwfp-itLLZ-Z4Yy>
- **You tube video link – Chief note Address by Prof. Dr. S. Hemalatha**
https://youtu.be/XnxIpZu-ASw?si=a41_6V6myyDtAf4s
- **You tube video link - Plenary Session by Prof. Dr. Sultan Ahmed Ismail:**
<https://youtu.be/LJV6Om0TPs8?si=VKcLsOkEflV1M6dg>
- **You tube video link - Plenary Session by Ms. Kavitha Muralidharan:**
<https://youtu.be/IoH9QNDfpt8?si=31-vsD6JBdRNTBIU>
- **You tube video link - Plenary Session by Mr. G. Sundarajan:**
<https://youtu.be/x3FMPgjT25Q?si=Px50TURK2Jb8DRjf>
- **You tube video link - Plenary Session by Mr. Osai Kalidasan:**
<https://youtu.be/CBBT1dPtap8?si=CNWvDjBAigB7BqEC>

CERTIFICATES DISTRIBUTED IN THE S SEMINAR



Sample Certificate for Participants

Sample Certificate for Resource Person



Sample Certificate for Organizers



FINANCIAL UTILIZATION REPORT FOR THE ONE-DAY NATIONAL SEMINAR

S. No.	Item	Sanctioned Amount (₹)	Utilized Amount (₹)
1.	Printed Materials		
A.	i. 8×4 Banners (Canvas print) – 2 nos	₹30,000/-	₹ 4,800/-
	ii. 6×3 Standee Banner (Star Flex) – 2 nos		₹ 1,200/-
	iii. 8×4 Digital Banner designing		₹ 250/-
	iv. A4 Brochures – 170 GSM Art Board (front &back) – 300 nos		₹ 6,600/-
	v. A4 Certificate – Art Mirror Board for resource persons – 11nos		₹ 200/-
	vi. A4 Certificate – Art Mirror Board - Participants – 300 nos		₹4,310/-
	vii. A5 Invitation with cover – 300 GSM (front &back) – 100 nos		₹ 2,500/-
	viii. Gift name stickers to stick over Momentum		₹ 200/-
	ix. Name boards for resource persons and guests		₹ 250/-
	x. Feedback form A4 print – 300 nos		₹ 600/-
	xi. Programme schedule A4 print (front &back) – 300 nos		₹ 1,200/-
B.	6×3 Banner for “Aatrankarayil Thetran Scheme” - 2		₹ 900/-
	Amount utilized in Printed Materials		₹ 23,010/-
2.	Contingency Amount		
A.	Shawls for Resource persons and guest (Cotton Towels – 10)	₹20,000/-	₹ 7,950/-
B.	Momentum for Resource persons and guest (Thiruvalluvar Statues - 10)		₹ 14,240/-
C.	Glass bottles for serving water to guests		₹ 1,122/-
D.	Reception – Decoration items – Flowers		₹ 1,510/-
E.	Reception – Decoration items – Garlands		₹ 400/-
F.	Refreshment for guests (snacks), Travel expense for buying snacks		₹ 383/-
G.	Preparatory things for Lamp Lightening Ceremony		₹ 415/-
	Amount utilized as Contingency		₹ 26,020/-
3.	Food Advance		
A.	Refreshment (Dinner for organizers) – during preparatory work time of previous day night of the seminar	₹ 10,000/-	₹ 3,115/-
	Amount utilized as Food advance		₹ 3,115/-

S. No.	Item	Sanctioned Amount (₹)	Utilized Amount (₹)
4.	Miscellaneous Expenses		
A.	Additional Registration Kit for 100 participants	₹ 10,000/-	₹ 5,010/-
B.	Mud pot for water distribution at venue		₹ 950/-
C.	Stationery items for decorative work inside the venue		₹ 481/-
D.	Tissue papers and threads, Battery for Hand Mike		₹ 527/-
	Amount utilized as Miscellaneous Expenses		₹ 6,968/-
	Total Amount utilized from advance		₹ 59,113/-
	Total Amount unutilized from advance		₹ 10,887/-
	Hospitality Expenditures		₹ 1,00,000/-
	Total Expenditures for the conduction of One day National Seminar		₹ 1,59,113/-

