



NEHRU GROUP  
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TAMILNADU • KERALA  
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4<sup>th</sup>

International  
Conference on

# NEW HORIZONS IN SCIENCE, TECHNOLOGY AND MANAGEMENT FOR SUSTAINABLE DEVELOPMENT (ICNHSTM - 25)

In association with  
**5k Car Care**  
**Coimbatore Management Association**

31<sup>st</sup>  
JANUARY  
2025



Organized by

**SCHOOL OF MANAGEMENT**

**NEHRU ARTS AND SCIENCE COLLEGE**

(AUTONOMOUS)

(Affiliated to Bharathiar University Reaccredited with "A+" Grade by NAAC, ISO 9001:2015 (QMS) Certified,  
Recognized by UGC with 2(f) & 12(B), Under Star College Scheme by DBT, Govt. of India)

'Nehru Gardens', Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu, India.

Web : [www.nehrucolleges.net](http://www.nehrucolleges.net)



## ABOUT THE INSTITUTION

NEHRU ARTS AND SCIENCE COLLEGE (NASC).Autonomous is one of the renowned colleges in Tamil Nadu. The college is Affiliated to Bharathiar University, Recognized by UGC with 2(f) & 12-B status and Re-Accredited with "A+" Grade (CGPA 3.5) by NAAC. ISO 9001:2015 & 14001:2004 Certified Institution is considered under STAR College Scheme by DBT, Government of India. The college has done remarkable contribution in higher education catering to the needs of the people in all walks of the society by offering Quality education for 3500 students, It offers 12 Research, 08 Post Graduate and 27 Under graduate Programmed in Arts, Life Sciences, Computational, Creative Sciences, Commerce and Management streams, We have the state-of-the-art facilities in all the departments to impart Outcome Based Education through Experiential Learning. The College is considered as a Nodal centre for Spoken Tutorial of IIT Bombay, Recognized as study centre of TNOU, Recognized as a Mentoring Institution by Mahatma Gandhi National Council of Rural Education (MGNCRE) Ministry of India. In implementing SWATCHITA action plan. As a part of ensuring Decentralization, the college is functioning as five different schools. The college has received Accolades and Awards from various National and International agencies for its meritorious contribution and ranked Top in India by Various Ranking Agencies like India Today, Times of India etc... The journey continues to achieve University Status.

## ABOUT THE SCHOOL OF MANAGEMENT

The Department of Management Studies was established in the year 2008. It is a centre for Excellence in preparing the students to be "Corporate Ready" The bachelor of Business Administration (BBA) is a 6 semester regular programme Spread over three academic years. The School offers BBA (International Business), BBA (Computer Applications), BBA (Logistics), BBA (Aviation Management). The department got its autonomy in the year 2017, since then it has freedom to design and develop curriculum to impart knowledge of the core management concepts and techniques in the first year which are, thereafter upgraded to advanced knowledge and practicing skills in the areas of Specialization opted for by the students in the final year. Now it is functioning as SoM. The School provides excellent ambience with good infrastructure and simulated environment of the corporate world for the students to learn and get transformed into industrial leaders, entrepreneurs and research professionals. The teaching learning process involves extensive classroom instructions, Seminars and individual projects. The department is facilitated by signing of MoUs with corporate in Coimbatore for better Industry -Institution -Interaction. We are ranked as Band Performer.

## ABOUT THE CONFERENCE

The global landscape is evolving rapidly, shaped by advances in science, technology, and management practices that aim to address the pressing challenges of sustainable development. The urgent need to address global challenges such as climate change, resource depletion, and socio-economic inequality has brought sustainable development to the forefront of policy and research. As we look to the future, the convergence of science, technology, and management is seen as pivotal to achieving the goals of sustainable development. The concept of "New Horizons in Science, Technology, and Management for Sustainable Development" embodies a forward-looking approach to leveraging innovative solutions that balance economic growth, environmental preservation, and social equity. Technology, particularly in the digital era, holds immense potential to revolutionize sustainability practices.

Emerging technologies such as artificial intelligence (AI), the Internet of Things (IoT), block chain, and big data analytics are enabling smarter resource management, reducing waste, and promoting energy efficiency across sectors. In this context, International Conference on New Horizons in Science, Technology, and Management for Sustainable Development seeks to foster dialogue among scholars, researchers, industry professionals, and policymakers to explore innovative solutions that contribute to a more sustainable and resilient future.

## SUB THEMES

### SCIENCE FOR SUSTAINABLE DEVELOPMENT

- Environmental science and sustainable resource management
- Climate change mitigation and adaptation strategies
- Sustainable agriculture and food security
- Renewable energy and energy efficiency
- Biodiversity conservation and ecosystem restoration
- Waste management and circular economy
- Sustainable healthcare solutions and innovations

### TECHNOLOGICAL INNOVATION AND SUSTAINABILITY

- Green technologies for sustainable development
- Artificial intelligence and machine learning for sustainability
- Internet of Things (IoT) and smart city development
- Block chain technology for sustainable supply chains
- Sustainable transportation and electric mobility
- 3D printing and manufacturing for sustainability
- Cyber security and data privacy in the era of smart technologies

### MANAGEMENT STRATEGIES FOR SUSTAINABILITY

- Corporate social responsibility and ethical business practices
- Sustainability in operations and supply chain management
- Social entrepreneurship and inclusive business models
- Leadership and organizational change for sustainability
- Sustainable finance and green investments
- Innovations in human resource management for sustainable growth
- Global business strategy for sustainable development

## GUIDELINES FOR SUBMISSION

1. Papers can be submitted individually or jointly with a maximum of three authors (including the main author)
2. Authors and Co-authors should register individually.
3. Paper must not exceed 6 pages and the abstract with maximum of 150 words.
4. Paper must be typed in Times New Roman 12 with 1.5 line spacing.
5. Paper must contain the title, author(s) name, abstract, keywords, review of literature, research objectives, scope, major findings, directions for future research and references.
6. Mail to: [icstm24@gmail.com](mailto:icstm24@gmail.com)
7. Registration Details  
<https://forms.gle/SoisyodgSKfbsUy36>  
Note: Plagiarism should be less than 10 percentage.

Scan QR to Register



## PUBLICATION OPPORTUNITY

All papers would undergo a double blind review process. The conference offers opportunity to publish high quality standard research works in the top tier indexed journal (**UGC CARE, SCOPUS & WOS**) at an additional cost or in conference Proceedings with ISBN Number.

Certificate of Presenters shall be awarded only to those who present their papers in the Conference. Papers presented in the conference alone will be considered for publication.

- Certificate will be provided for all participants.
- The high quality Research Papers would be given the **Best paper Award with Rs. 5000 Cash Prize along with award and certificate**

## IMPORTANT DATES

|   |              |
|---|--------------|
| Last date for Submitting Abstract         | : 25.12.2024 |
| Last date for Submitting Full paper       | : 05.01.2025 |
| Last date for payment of Registration Fee | : 10.01.2025 |

## CONFERENCE REGISTRATION FEES

(Including GST)

|   |                           |
|---|---------------------------|
| Industry Delegates/ International Delegates | : Rs. 500/- (per author)  |
| Faculty                                     | : Rs. 350 /- (per author) |
| Research Scholars                           | : Rs. 300 /- (per author) |
| Students (UG & PG)                          | : Rs. 250/- (per author)  |

Registration is free for academicians who refer five papers.

## REMITTANCE OF REGISTRATION FEE

Participants are requested to register with the stipulated payment. The registration fee may be remitted on-line to the following Account.

## ONLINE PAYMENT DETAILS

|            |   |
|------------|---|
| Name       | : The Principal,<br>Nehru Arts and Science College,<br>Thirumalayam palayam<br>Coimbatore |
| Account No | : 161692200010992   |
| IFSC       | : CNRB0004681   |
| Branch     | : Thirumalayam Palayam,<br>Coimbatore   |

Note : Participants are requested to mention their NEFT transaction ID during registration.



## CHIEF PATRONS

**Adv. Dr. P. Krishna Das**

Honorary Trade Commissioner of Mauritius – India &  
Chairman & Managing Trustee, NGI

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## CONVENER

**Dr. T. Sudha**, HoD i/c – SOM, NASC

## CO-ORDINATORS

**Dr. V. Selvam**, Assistant Professor (9790609803)

**Dr. S. Najumudeen**, Assistant Professor (9043276069)

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**Mr. Joshan Sanjay**, Assistant Professor

**Ms. B. Nandhini**, Assistant Professor

**Ms. R. Sheela Devi**, Assistant Professor

## STUDENT COORDINATORS

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**Mr. Prabhakaran** 89250 70808



## AT COIMBATORE

- Nehru College of Aeronautics & Applied Sciences
- Nehru Arts and Science College
- Nehru College of Management
- Nehru Institute of Engineering & Technology
- Nehru Institute of Technology
- Nehru Institute of Information Technology & Management
- Nehru School of Architecture
- Nehru Institute of Health Sciences
- Nehru College of Nursing and Research Institute
- Nehru College of Physiotherapy
- Nehru Institute of Design
- Nehru International School
- Nehru Kids Academy
- NGI - Technology Business Incubator (TBI)
- NGI - NewGen IEDC, Coimbatore

## AT KERALA

- Nehru College of Engineering & Research Centre
- Nehru School of Management
- Jawaharlal College of Engineering & Technology
- Jawaharlal Business School
- Jawaharlal Aviation Institute
- P K DAS Institute of Medical Sciences
- Nehru College of Pharmacy
- P K Das College of Nursing
- Nehru College of Architecture
- P K DAS Liberal College of Arts and Science
- Nehru Academy of Law
- Nehru Knowledge Academy
- NGI - Technology Business Incubator (TBI)

## CORPORATE OFFICE :

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