

Dhanalakshmi Srinivasan Engineering College (Autonomous)



(Approved by UGC & AICTE and Affiliated to Anna University, Chennai) (Recognized under section 2(f) & 12B of the UGC Act, 1956) (NAAC Accredited with 'A' Grade and NBA Accredited Programmes) **Perambalur-621212, Tamil Nadu, India**.



International Conferences on Integrating Recent Innovations in Science and Technology (ICIRIST – 2025)

Dhanalakshmi Srinivasan Engineering College, powered by its R&D Cell, proudly presents ICIRIST-2025, the second edition of its flagship event. This multidisciplinary platform brings together students and scholars from various fields, providing a space to showcase and exchange their research. The event features five co-located conferences scheduled for April 25, 2025 and centered on the theme **"Integrating Innovations for Shaping a Sustainable Future".** ICIRIST-2025 eliminates geographical boundaries through hybrid presentation modes (online and offline). With opportunities for publication through reputed Journal partners, this event serves as a vital hub for researchers to share impactful insights and innovations.

- International Conference on Emerging Trends and Transformative Impact of AI on Business and Management
- International Conference on Technological Innovations for a Sustainable Future
- International Conference on Translational Research in Life Sciences
- International Conference on Power Systems & Communication Engineering
- International Conference on Smart Intelligent Computing & Applications

Special Features

 Conference Proceedings with ISBN by renowned National Publisher.

- ✤ Journal Publications.
- Paper Presentation Awards.
- Multidisciplinary Platform.
- Participation Certificates.

Date: **25th April 2025** Venue: Central Auditorium, DSGI, Perambalur.

About DSEC

Dhanalakshmi Srinivasan Engineering College (DSEC) was established in 2001 by the Dhanalakshmi Srinivasan Charitable and Educational Trust in Perambalur, Tamil Nadu, with a vision to promote engineering and technical education for students in rural areas of this underdeveloped district. Achieving autonomy in 2020, DSEC proudly celebrates 25 years of excellence in education. Recognized by TCS and accredited with an 'A' grade by NAAC, the college also boasts NBA accreditation for its departments of Aeronautical Engineering, Biomedical Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Information Technology, and Mechanical Engineering. Currently, DSEC offers 16 undergraduate and 6 postgraduate programs, fostering a strong research culture across all higher education levels.

The DSEC offers state-of-the-art infrastructure, including a lush green campus with 24/7 Wi-Fi, smart classrooms, advanced laboratories, a computer-enabled library, a specialized air-conditioned auditorium, and comfortable hostel facilities for both boys and girls, complete with multi-cuisine dining options. The college is supported by highly skilled faculty with extensive academic and industry experience, ensuring a curriculum enriched with project-based learning to enhance research skills. DSEC boasts an impressive track record of student placements in top companies such as TCS, HCL, Urjitha Electronics, and Sutherland. Additionally, the college fosters entrepreneurship by encouraging students to share ideas, develop creativity, and pursue innovative start-up projects across diverse fields.

About ICIRIST-2025

The Research and Development Cell joins hands with Engineering and Technology Departments (Aeronautical, AIDS, Agricultural, Biotechnology, Biomedical, Chemical, Civil, CSE, CST, ECE, EEE, Food Tech, IT, Mechanical, Pharmaceutical & RAA) and as well Management Studies of the DSEC and organizes this 'International Conferences on Integrating Recent Innovations in Science and Technology (ICIRIST) featuring five co-located conferences. The gist of the ICIRIST-2025 is to set up a platform to disseminate unprecedented and unique ways to address complex scientific problems in a more

comprehensive manner by integrating the advancements and innovations of science, engineering, technology and paramedical disciplines. In this context, the international conferences are meant for researchers who are actively engaged in Interdisciplinary, Multidisciplinary and Transdisciplinary research activities. We cordially invite you all to participate and contribute your research to the ICIRIST-2025.

Target Participants

Each co-located conference of ICIRIST-2025 offers approximately 200 seats, which will be shared among faculty members, research scholars, and graduate students from diverse fields. including Science. Engineering, Technology, Paramedical Sciences. and Participants from academic institutions. research centers, and industries at both national and international levels are welcome. Selection will be based on a 'first-come, first-serve' basis.

Call for Abstracts and Full-length Research Papers

Each co-located conference of ICIRIST serves as a vibrant platform for researchers, academicians, and industry professionals to present their latest findings, share valuable insights, and engage in meaningful discussions on specific themes and focus areas. Kindly submit your abstracts and full-length research papers *via* the respective **Google Form** for each co-located conference, along with your registration details and payment proof.

Abstract Submission

Please submit a concise abstract outlining the objectives and key findings of your research. Abstracts should be typed in Arial with font size 12 and double spaced containing clear title, list of authors (presenting author name should be in bold) and affiliation(s). Email address to which the acceptance has to be sent should be mentioned. Abstract should limit 300 words and 4-5 keywords. Abstracts will be reviewed by the scientific committee and letter of acceptance will be sent by email only.

Full-Length Paper Submission

For those wishing to present more comprehensive studies, we invite you to submit full-length research papers. General guidelines for full-length paper preparation: **1.** Set one inch margin on all sides of the A4 page. **2.** Use appropriate headings and subheadings to organize the content. **3.** Use Arial with 12 font size for the main text; Main Heading 16 font size & Bold; Subheading 14 font size & Bold; **4.** Apply two line spacing between lines. **5.** Similarity content must not exceed 10%. A Turnitin report is mandatory and must be submitted along with the paper. **6.** Research paper should be between 5,000 and 8,000 words, including references, with a minimum of 30 references. **7.** The paper should adhere to the IEEE guidelines for in-text citations and the reference list. **8.** The full-length paper should be submitted as a single Word file, structured in the following order: Title Page, Abstract & Keywords, Introduction, Methods & Materials, Results & Discussion, Conclusions, Acknowledgment, Conflict of Interest, and References. Tables with captions and Figures with legends should be included at the end. **9.** Papers that do not meet the specified criteria will not be considered for publication.

Publication Charges

Conference Proceedings

Each co-located conference will publish its individual Conference Proceedings with an ISBN by a renowned national publisher. Accepted abstracts will be published in the Conference Proceedings. Registration is mandatory for abstract publication, and no additional charges will apply beyond the registration fee.

Journal Publications

Full-length research papers submitted by authors will undergo a peer review process. If accepted for publication in SCOPUS-indexed journals (as specified under each co-located conference), authors will be required to pay a publication fee of Rs. 25,000 per paper. Further details will be communicated to the corresponding authors in due course.



Presentation & Awards

Each oral presentation is strictly limited to 10 minutes, which includes a 3-minute Question-and-Answer session. Based on scientific merit, five exceptional paper presentations from each co-located conference will be selected for certification awards, along with cash prizes totaling Rs. 25,000.

Registration

Category	Early Bird (Rs.)	After March 22, 2025 (Rs.)	Spot registration (Rs.)
Students & Scholars	400	500	500
Academicians	500	800	1000
Industry persons	1000	1500	2000
Overseas participants	US\$ 25	US\$ 50	

Mode of Payment

Account Number	: 281100140450004
IFSC Code	: TMBL0000281
Name of the Bank	: TAMILNAD MERCANTILE BANK
Branch Name& Code	: Perambalur & 000281

Important Dates to be Noted*

Conference Date: April 25, 2025 Abstract Submission Due: March 22, 2025 Abstract Selection Notification Due: March 25, 2025 (Only over email) Paper Submission Due: April 20, 2025

*Accommodation will be arranged on payment basis for the delegates in DSGI Hostels or private hostels/hotels near to the institutions.

International Conference on Emerging Trends and Transformative Impact of AI on Business and Management



Organized by Department of MBA



Date: 25th April 25 | Venue: Mini Auditorium-I

Theme: This Conference is a premier platform designed to illuminate the forefront of innovation and knowledge across Management discipline. The core theme of this conference is to understand and evaluate the merits of Artificial Intelligence on Business, Finance, Human Resource and Marketing Management.

Thrust Areas: The following are the thrust areas of the Conference. Presentation on the role of AI in the specified thrust areas are most welcome and appreciated.

- Business Strategy & Innovation
- Data-Driven Decision Making
- Marketing & Customer Relationship Management
- Human Resource Management
- Financial Services & Risk Management
- Entrepreneurship & Startups
- Digital Transformation in Business
- Sustainable Business Practices

Resource Persons

Dr. Fayaz Ahamed

College of Economics and Business Administration University of Technology and Applied Sciences Ibri, Sultanate of Oman.

Dr. R. Kasilingam School of Management Pondicherry University.

Dr. B. Ramachandra Reddy Department of Commerce Sri Venkateswara University Tirupathi - 517502.

Conference Proceedings: Accepted abstracts will be included in the Proceedings of "International Conference on Emerging Trends and Transformative Impact of AI on Business and Management." Registration is required for both abstract submission and publication. You can complete the registration *via* the 'Google Form' provided below. For further details on abstract submission, please refer to the instructions under the 'Call for Abstracts and Full-Length Research Papers' section in the conference brochure.

Journal Publications: Following a successful peer review process, selected full-length research papers will be published in "**Prabandhan: Indian Journal of Management**". For more details on research paper submission, please refer to the instructions in the 'Call for Abstracts and Full-Length Research Papers' section of the conference brochure.

Registration Link: https://forms.gle/GMrAVrUCzQxDqLtj9



Organizing Secretaries

Dr. D. Vijay Amirtharaj, HoD - MBA Ms. N. Suguna Ms. S. Gopika

Contact Details

Dr. M. Chandrasekaran (9600569891) Mr. B. Baskar (8190042975) Mrs. R. Vimala (9626698743)

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International Conference on Technological Innovations for a Sustainable Future

Organized by Department of Aeronautical, Civil, Mechanical and Robotics & Automation Engineering



Date: 25th April 2025 | Venue: Mini Auditorium-II

Theme: Innovations in Engineering and Technology for a Sustainable and Smart Future. This theme emphasizes the role of engineering advancements in shaping a sustainable, technologically advanced, and resilient future, integrating automation, smart infrastructure, and emerging engineering solutions.

Thrust Areas:

INDI

- ✤ AI and Machine Learning in Mechanical Systems
- Sustainable Manufacturing and Green Technologies
- Computational Fluid Dynamics and Heat Transfer Innovations
- AI-Enabled Autonomous Robotics
- Next-Generation Drones and UAVs
- Smart Cities and IoT in Infrastructure

Resource Persons

Mr. Uzoma Gregory Okoro

Department of Mechanical Engineering, Federal University of Technology, Minna, Nigeria.

- ♦ Green Buildings and Net-Zero Energy Structures
- Advanced Geotechnical and Earthquake Engineering
- Bridge and Tunnel Engineering Innovations
- Future of Electric and Hybrid Aircraft
- Aerodynamics and Flight Optimization
- Autonomous Flight Systems and Air Traffic Management

Dr. Palani Iyanperumal Anand Dean-R&D, Indian Institute of Technology-Indore

Conference Proceedings: Accepted abstracts will be included in the Proceedings of **"International Conference on Technological Innovations for a Sustainable Future"** Registration is required for both abstract submission and publication. You can complete the registration via the **'Google Form'** provided below. For further details on abstract submission, please refer to the instructions under the 'Call for Abstracts and Full-Length Research Papers' section in the conference brochure.

Journal Publications: Following a successful peer review process, selected full-length research papers will be published in **"International Research Journal of Multidisciplinary Technovation (IRJMT)"** (SCOPUS Indexed). For more details on research paper submission, please refer to the instructions in the 'Call for Abstracts and Full-Length Research Papers' section of the conference brochure.

Registration Link: https://forms.gle/4ysQmXrBCJsHWr9o6



Organizing Secretaries

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Contact Details

Mr. T. Jayakumar	(6374945472)
Mr. B. Manibalu	(9786095951)
Dr. S.R. Parthiban	(7200700728)
Mr. R. Rajeshkumar	(8637435881)

International Conference on Translational Research in Life Sciences

Organized by Department of Biomedical Engineering, Chemical Engineering, Biotechnology, Food Technology and **Pharmaceutical Technology**



Date: 25th April 2025 | Venue: Block D - Auditorium



Theme: The event emphasis on innovative breakthroughs and provide a platform for experts and thought leaders to discuss and showcase new developments, technologies, and strategies that promote environmental stewardship, resource efficiency, and long-term sustainability.

Thrust Areas:

- System Biology
- Drug Design & Development
- Food Processing & Preservation
- Biomedical Devices
- Applied Science
- Artificial intelligence in life sciences
- Energy & Environment

Resource Persons

Dr. T. Panda Professor, Biochemical Engineering, **IIT-Madras**

Dr. Mesfin Tafesse Gemeda Professor, Addis Ababa Science and Technology University, Ethiopia.

Conference Proceedings: Accepted abstracts will be included in the Proceedings of "International Conference on Translational Research in Life Sciences". Registration is required for both abstract submission and publication. You can complete the registration via the 'Google Form' provided below. For further details on abstract submission, please refer to the instructions under the 'Call for Abstracts and Full-Length Research Papers' section in the conference brochure.

Journal Publications: Following a successful peer review process, selected full-length research papers will be published in "Springer - Discover Applied Sciences" (SCOPUS Indexed). For more details on research paper submission, please refer to the instructions in the 'Call for Abstracts and Full-Length Research Papers' section of the conference brochure.

Registration Link: https://forms.gle/y98ouz9X8t1YuR867

Organizing Secretaries

Dr. Chandran Masi, HoD - Food Technology Dr. D. Karthikeyan, HoD - Biomedical Engineering Dr. M.D. Duraimurugan, HoD - Chemical Engineering Dr. S. Vignesh Raj, HoD - Pharmaceutical Technology

Contact Details

Ms. M. Rubina Begam (8220806322)Mr. M. Madasamy (9894854104) Ms. M. Soundaryalakshmi (9865390758) Dr. K. Karthikeyan (9500692558)



International Conference on Power Systems & Communication Engineering

Organized by Department of ECE & EEE

Date: 25th April 2025 | Venue: Mini Auditorium-III

Theme: The conference focuses on the convergence of smart power systems and advanced communication technologies to drive sustainable and intelligent solutions for the future. This conference will explore emerging trends in renewable energy, smart grids, IoT, 5G/6G networks, AI-driven energy management, and resilient communication infrastructure, fostering innovation and collaboration among researchers, industry experts, and policy makers to shape a more connected and energy-efficient world.

Thrust Areas

- Wireless Communication
- 5G/6G Technologies
- Internet of Things (IoT) and Smart Devices
- VLSI Design and Embedded Systems
- Signal and Image Processing
- Optical and Satellite Communication
- Renewable Energy System
- Advanced Power Electronics & Controllers
- Power Systems
- Electric & Hybrid Vehicles
- Power Converters
- Energy Management

Resource PersonsB. Sankar MadaswamyManager, HRD,
ISRO Telemetry Tracking and Command Network (ISTRAC),
Bengaluru.Dr. Satheesh Kumar Sampath
Department of Engineering,
University of Technology & Applied Sciences,
Muscat, Sultanate of Omen

Conference Proceedings: Accepted abstracts will be included in the Proceedings of **"International Conference on Power Systems & Communication Engineering".** Registration is required for both abstract submission and publication. You can complete the registration via the **'Google Form'** provided below. For further details on abstract submission, please refer to the instructions under the 'Call for Abstracts and Full-Length Research Papers' section in the conference brochure.

Journal Publications: Following a successful peer review process, selected full-length research papers will be published in "e-Prime – Advances in Electrical Engineering, Electronics and Energy" (SCOPUS Indexed). For more details on research paper submission, please refer to the instructions in the 'Call for Abstracts and Full-Length Research Papers' section of the conference brochure.

Registration Link: https://forms.gle/joBintJ8ju4ELpbDA

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Organizing Secretaries

Dr. P. Rajeswari, HoD - ECE Dr. M. Parameswari, HoD - EEE

Contact Details

Mr. T. Boopathy (9786159923) Mrs. S. Sasikala (9003977143) Mr. M. Asaithambi (9944830598)





International Conference on Smart Intelligent Computing and Applications



Organized by Department of AI&DS, CSE, CST, IT & MCA

Date: 25th April 2025 | Venue: Central Auditorium



Theme: Innovating the Future: Harnessing Emerging Technologies for a Smarter, Connected World. This theme reflects the cutting-edge nature of the technologies listed and their combined potential to shape the future in various fields, from AI to Green Computing. It also emphasizes the interconnectedness of these domains in driving global progress and smart innovations.

Thrust Areas

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- Machine Learning
- Artificial Intelligence
- Block Chain Techniques
- Internet of Things
- ♦ Green Computing
- Quantum Membrane Computing
- Image Processing Computer vision
- Speech & Pattern Recognition
- ✤ Big Data Analytics

- Data Mining
- Cloud Computing
- Data Science
- Neural Network

Resource Persons

Dr. Sivaram Murugan Faculty of Engineering and Natural Sciences, Sivas University of Science and Technology, Turkey - 58000 **Dr. G. Lakshmi Sutha,** Dean - Academics, NIT, Puducherry.

Conference Proceedings: Accepted abstracts will be included in the Proceedings of "International Conference on Smart Intelligent Computing and Applications". Registration is required for both abstract submission and publication. You can complete the registration via the 'Google Form' provided below. For further details on abstract submission, please refer to the instructions under the "Call for Abstracts and Full-Length Research Papers" section in the conference brochure.

Journal Publications: Following a successful peer review process, selected full-length research papers will be published in "SN Computer Science" (SCOPUS Indexed). For more details on research paper submission, please refer to the instructions in the "Call for Abstracts and Full-Length Research Papers" section of the conference brochure.

Registration Link: https://forms.gle/Kb465mWC2cDaxCxN8



Organizing Secretaries

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Contact Details

Mr. V. Gokula Krishnan	(9940332120)
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Dr. D. Shanmugasundaram

Principal Dhanalakshmi Srinivasan Engineering College (A)

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Dean – R&D Dhanalakshmi Srinivasan Engineering College (A)

Dr. V. Shanmugasundaram

Dean – HRDC Dhanalakshmi Srinivasan Engineering College (A)

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Dean – Academic, Dhanalakshmi Srinivasan Engineering College (A)

Dr. B.Karthiga

IQAC - Coordinator Dhanalakshmi Srinivasan Engineering College (A)

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R&D Coordinator Dhanalakshmi Srinivasan Engineering College (A)

Mr. R. Ananthan

R&D Cell Member Dhanalakshmi Srinivasan Engineering College (A)

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Samayapuram & Perambalur.
Srinivasan medical college & Hospital,
Samayapuram.
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DHANALAKSHMI SRINIVASAN MEDICAL COLLEGE AND HOSPITAL, SIRUVACHUR.

DHANALAKSHMI SRINIVASAN AGRICULTURE COLLEGE, PERAMBALUR.

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Shree Basaveshwar Sugars Pvt Limited (Karnataka).

Dhanalakshmi Srinivasan Hotels Pvt. Ltd.

Dhanalakshmi Srinivasan Builders Pvt. Ltd.

Dhanalakshmi Transports.

Dhanalakshmi Srinivasan Hospitals Pvt. Ltd.

Dhanalakshmi Srinivasan Energy Pvt. Ltd.

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