



STANLEY COLLEGE OF ENGINEERING & TECHNOLOGY
FOR WOMEN (AUTONOMOUS), HYDERABAD - 500001

ORGANISES

AICTE Sponsored

INTERNATIONAL CONFERENCE ON

ADVANCED TECHNOLOGIES FOR DISASTER MANAGEMENT



ICATDM-2026

Date: 16th & 17th May, 2026

Hybrid Mode

Organised by ECE & EEE
Departments

CHIEF PATRONS



Bishop A Simeon
Resident & Presiding
Bishop



Shri K. Krishna Rao
Correspondent



Shri T. Rakesh Reddy
Director Management



Shri R. Pradeep Reddy
Director Management

PATRONS



Dr. B. L. Raju
Principal



Dr. A. Vinay Babu
Dean - Academics



Dr. Satya Prasad Lanka
Dean IPA

CO-PATRONS



Dr. B. V. Ramana Murthy
Vice Principal



Dr. V. Anuradha
Director - Student Support Systems



Dr. Y V S. Sai Pragathi
Director of Academics & Audit

GENERAL CHAIR



Dr. Kedar Nath Sahu
HoD, ECE

PROGRAM CHAIR



Dr. N. Nagasekhara Reddy
HoD, EEE

COORDINATOR



Dr. Guntha Karthik
Assoc. Professor, ECE

CO-COORDINATOR



Dr. C V Keerthi Latha
Assoc. Professor, ECE

Welcome to **Stanley College of Engineering & Technology for Women (A)**, a premier institution for women dedicated to shaping the next generation of engineers, innovators, and leaders. Established in the year 2008 by Methodist Church in India through a Joint Venture Management with prestigious Indur Educational Society. The College is spread in vast and spacious campus at the heart of the city at Abids, Hyderabad. Our college stands as a beacon of academic excellence, cutting-edge research, and holistic development. At Stanley College of Engineering and Technology for women, we offer a diverse range of undergraduate, postgraduate programs across major engineering disciplines, including:

Electronics and Communication Engineering/Electrical and Electronics Engineering/Computer Science and Engineering/Computer Engineering/Information Technology/Compute Science and Engineering (Artificial Intelligence & Machine Learning)/Artificial Intelligence and Data Science/
PG courses M. Tech in CSE, M.E in Embedded Systems/Masters Degree in Business Administration

The College is approved by AICTE, New Delhi and affiliated to the prestigious Osmania University, Hyderabad. The College is accredited by NAAC with A Grade and all eligible Under Graduate – B.E Programmes are accredited by National Board of Accreditation (NBA). The UGC has granted autonomy to the college for 10 Years (2021-2031). The College has all statutory permissions from the Government of Telangana. Our campus is equipped with state-of-the-art laboratories, modern classrooms, industry-grade workshops, and vibrant innovation hubs. We are committed to fostering a learning environment that encourages critical thinking, creativity, collaboration, and ethical practices.

With a highly qualified faculty, strong industry connections, and a focus on hands-on learning, we ensure our students graduate not only with technical skills but also with the confidence to excel in the global engineering landscape.

Whether you are a student with big dreams, a researcher seeking innovation, or a partner from industry, Stanley College of Engineering & Technology for Women is the place where ideas meet impact.

Electronics and Communication Engineering (ECE) is to provide better quality education required by the present industry and train the faculty in new technologies periodically to equip themselves in the present global scenario. The ECE department is a vital part of our institution, fostering innovation and cutting-edge research.

M.E. (Embedded Systems): The department of ECE offers Master of Engineering – Embedded Systems course from 2012. This course aims to provide a comprehensive education on par with excellence in the area of Embedded Devices with well qualified professors with decades of experience in the field of teaching and industry. Under this PG Course, latest technologies like microcontrollers, digital signal processing, IoT, etc. are covered.

This highly popular program trains students in a wide range of disciplines, including Microelectronics, Electronic Circuits & Systems, Embedded Systems / SoC, Communication Engineering / Networking, Signal and Image Processing, Fiber Optics & Photonics and Medical Electronics. With the continuous advancements and technological innovations, Electronics and Communication Engineering is under constant flux, finding applications in all human endeavour. The need of the hour is to keep abreast of the technological advancements happening in the developed countries.

Our goal is to provide quality education and up to date information to the students, so that they find place in the fast-changing profile of the industry. Besides strong academic input, the students are required to do mini projects and gain hands-on experience with the hardware and the software tools. Visits to industry and expert lectures from academia and industry add another dimension to the teaching learning experience.

Novel teaching methods, coupled with intensive laboratory training are imparted to get the best out of everyone. Interactive sessions, conduct of seminars, workshops etc. are the added co-curricular activities dwelt upon by the Department, in the making of an engineer beyond compare.

Electrical and Electronics Engineering (EEE) stands at the forefront of modern technological advancements. The Department of Electrical and Electronics Engineering was established in 2008. The discipline has evolved far beyond traditional wires and circuits, encompassing cutting-edge domains such as Electric Vehicles, Smart and Digital Grids, Renewable Energy Systems, Automation, and Power Electronics.

The department has well-established laboratories equipped with sophisticated and modern equipment to supplement the academic and practical needs of students.

The Department of Electrical and Electronics Engineering actively conducts career development programs focusing on students' interpersonal and intrapersonal skills. The department also provides GATE coaching to interested students. Various academic and co-curricular activities such as seminars, quiz programs, industrial visits, paper contests, group discussions, guest lectures, career guidance programs, and sports activities are regularly organized under the department's auspices.

Students are strongly encouraged to present technical papers and participate in seminars and workshops conducted at other engineering institutions. Industrial tours are arranged to provide students with practical exposure to real-world industrial environments.

ABOUT THE CONFERENCE

This conference addresses the escalating global threat of disasters by promoting data-driven management systems. It serves as a key forum to accelerate the adoption of transformative technologies like AI, IoT, and drone surveillance. These tools are crucial for enhancing early warning, real-time response, and efficient recovery.

We convene global researchers, policymakers, and tech experts to foster collaboration on these innovations. The agenda focuses on leveraging cutting-edge solutions to build predictive accuracy and community resilience worldwide.

By uniting stakeholders from government, humanitarian groups, and industry, we aim to forge partnerships that enhance global preparedness and leverage technology to protect lives and infrastructure.

THEMES

1. Innovative Technologies in Disaster Prediction and Early Warning Systems
2. Leveraging AI and ML for Disaster Response
3. Geospatial Intelligence: GIS and Remote Sensing
4. IoT and Smart Sensors for Real-Time Monitoring
5. Drone Technology in Search and Rescue
6. Blockchain for Transparency in Disaster Relief
7. Building Resilient Infrastructure
8. Social Media and Crowdsourcing for Disaster Communication
9. Cloud Computing and Big Data Analytics
10. Robotics and Automation in Post-Disaster Recovery
11. Global Collaboration through Technology
12. Ethical and Social Implications of Disaster Tech
13. Technological Innovations for Climate Change Resilience
14. Smart Cities and Disaster Management
15. Technological Capacity Building for Local Communities
16. Disaster Prevention methods in Mines
17. Electrical Hazards in Industries
18. Personal Protective equipments in Industries

Chief Patrons

Bishop A Simeon,
Resident & Presiding Bishop
Sri K. Krishna Rao,
Correspondent
Sri T. Rakesh Reddy,
Director Management
Shri R. Pradeep Reddy
Director Management &

Patrons

Dr. B. L. Raju, Principal
Dr. A. Vinay Babu, Dean
Dr. Satya Prasad Lanka,
Dean IPA

Co-Patrons

Dr. B. V. Ramana Murthy,
Vice Principal
Dr. V. Anuradha,
Director - SSS
Dr. Y V S. Sai Pragathi,
Director of Academics & Audit

General Chair

Dr. Kedar Nath Sahu,
HoD-ECE

Program Chair

Dr. N. Nagasekhara Reddy,
HoD-EEE

Coordinator

Dr. Guntha Karthik, ECE

Co-Coordinator

Dr. C V Keerthi Latha, ECE

Convener

Dr. Latha Yallanki, ECE

Co-Conveners

Mrs. G. Nirmala, ECE
Mrs. B. Pallavi, EEE

Joint Secretary(s)

Dr. T. Naga Laxmi, ECE
Dr. K. Madhu Krishna, ECE
Mrs. Sidra Begum, EEE
Mrs. S. Sneha, EEE

Publication Chair(s)

Dr. M. Rajesh, ECE
Dr. B. Raveendranadh, ECE
Dr. V. Sudarshini K, ECE
Ms. M. Kalpana, EEE

Organising Secretary(s)

Dr. M. Kezia Joseph, ECE
Dr. A. Gopala Sharma, ECE
Dr. K. Prahlada Rao, ECE
Mrs. T. Snehitha Reddy, ECE
Mrs. B. Vijayalaxmi, EEE

Organising Executives

Mr. A. Ramesh, Stanley CETW
Mr. R. Suresh Reddy, Stanley CETW

Organising Committee

Mrs. T. Prasanna, ECE
Mrs. K. Bramaramba, ECE
Mrs. G. Sherlin Shobitha, ECE
Mrs. V. Swetha, ECE
Mrs. B. Harika, ECE
Ms. R Aarti, ECE
Ms. S. Divya, ECE
Mrs. V. Radha, ECE
Ms. D. Susmitha, ECE
Ms. P. Harshini, ECE
Dr. A.S. Sreelatha, EEE
Mrs. C.H. Lakshmi Madhuri, EEE
Ms. M.V. Shruthi, EEE
Ms. Shayeera Naaz, EEE
Mrs. P. Keerti, EEE
Mrs. K. Mamatha, EEE

Advisory Committee

Dr. R. Madana Mohana, Stanley CETW
Dr. A. Kanaka Durga, Stanley CETW
Dr. K. Vaidehi, Stanley CETW
Dr. Gavini Sreelatha, Stanley CETW
Dr. Y. Padma, Stanley CETW
Dr. G. Padma Sree, Stanley CETW
Dr. K. L. Vasundhara, Stanley CETW
Dr. R. Gangadhara, Stanley CETW
Mr. S. Suman, Stanley CETW
Dr. D. Shravani, Stanley CETW
Mrs. M. Madhavi, Stanley CETW
Dr. Srinivasa Baba VSSN, MCET
Dr. K. Jaya Shankar, MCET
Mr. R. Srikanth, MCET

National Advisory Committee

Dr. Abhiram Kumar Varma, IIT KGP
Dr. Islawath Srinivas, IITKGP
Dr. Bhaskar Behera, IIT ISM
Dr. M. Mohan Sahoo, IIT ISM
Dr. Aarif Jamal, IIT BHU
Dr. Satyabrata Behera, IIT BHU
Dr. Shiva Prasad B N V, IIT BHU
Dr. Sandip Ghosh, IIT BHU
Dr. K. Manjunath, IIT Gandhi Nagar
Dr. S. Jayanthu, NIT Rourkela
Dr. Charan Kumar A, NIT Rourkela
Dr. D. P. Tripathi, NIT Rourkela

Dr. H. B0 Sahu, NIT Rourkela
Dr. S. K. Das, NIT Rourkela
Dr. Praful Patel, VNIT Nagpur
Dr. K. Ramchandrar Reddy, NIT Surathkal
Dr. Y. Chranjeevi, IIIT Hyderabad
Prof. P. Chandrasekhar, Principal, OUCE, Hyd
Prof. P. Naveen Kumar, Osmania University
Prof. B. Rajendra Naik, Osmania University
Prof. L. Nirmala Devi, Osmania University
Prof. D. Rama Krishna, Osmania University
Prof. P. Koti Lakshmi, Osmania University
Prof. A. Bharathi, Osmania University
Dr. R. Sandhya, Osmania University
Dr. M. Shyam Sunder, Osmania University
Dr. P. Padma, Osmania University
Dr. Md. Misbahuddin, Osmania University
Dr. P. Srividya, Osmania University
Dr. R. Narendra Reddy, Osmania University
Mr. K. Prem Kumar, Osmania University
Dr. M. Satish Kumar, Osmania University
Dr. K. Srinivas, Osmania University
Dr. G. Yesuratnam, Osmania University
Dr. S. Viswanadha Raju, JNTU Jagtial
Shri Ashwin Kumar Sangamkar, IETE Hyd
Dr. K. Seetha Ram Babu, IETE Hyd
Dr. P. Padmanabha Rao, IETE Hyd
Er. B. Brahma Reddy, IEI, Hyd
Dr. Prashanth Rajam, VIT AP
Dr. Bhanu Chander Balusa, VIT AP
Dr. Rajasekhara Reddy Mutra, VIT Vellore
Dr. Tharasi Dilleswar Rao, VIT Chennai
Dr Y. V. Pavan Kumar, VIT AP
Dr. Parveen Bhanu, MANNU, Hyd
Dr. T. Santhosh kumar, Woxsen University, Hyd
Dr. Bhanu Prasad, Woxsen University, Hyd
Dr. Agam Goswami, SRM University, TN
Dr. Devendra Kumar Yadav, XUB, Odisha
Dr. N. Kiran Kumar, SRM AP
Dr. B. Anil Kumar, KL University
Dr. Sandya Sharma, SGVU Raj
Dr. G. K. Pradhan, AKS University, Satna, MP
Dr. Guru Raghavendra, JPNCE, Telengana
Dr. T. Sukanth, CBIT, Hyd

Industrial Advisory Committee

Mr. Srikant Vairagare, Uttam Blastech Pvt Ltd, Hyd
Mr. Ranvir Soni, Unite Trades & Technologies, Haryana
Mr. Vamshi Krishna T, Krinydi Technologies, Hyd
Mr. Pusarla Sreenivas, 3D Labs India, Hyd
Mr. Gopal Krishna, Physitech, Hyd
Mr. M. Satish, Qualcomm, Hyd
Mr. Marriselli Sandeep, Wells Fargo, Hyd
Mr. Malaiyappan Maruthamuthu, Pantech E-Learning, Hyd
Mr. Karthik, SR Electronics, Hyd
Dr. V. Sairam, EEPlus, Hyd

Mr. P Bala Sai Kiran, GE Digital Hyd.
Dr. D. Narendar Singh, ASAPNA IoT Solution, Hyd
Mr. Rajesh Kamlala, Techfluent, Solutions Private Limited, Hyd
Mr. Amit K Choudhary, Pragyarmika, Hyd
Mr. Nitin Kumar Sharma, Acharyaji Technologies, Hyd
Dr. P. Chandrashekar, AMD, Hyd

Research Advisory Committee

Dr. K.V.N.S.V.P.L. Narasimham, BARC Hyd
Dr. B. Arun Kumar, BARC Bombay
Dr. P. Venkatesh, CSIR, Kolkata
Dr. Karthik Varwade, CSIR Dhanbad

Dr. Venkat Ramana, DGMS

Mr. Ch. Sambasiva Rao, RCI, Hyd
Smt. Lakshmi, DLRL, Hyd

Dr. Vivek Kumar Himanshu, CSIR Dhanbad
Dr Bishnu Prasad Sahoo, Scientist-B, ICFRE- Forest Research Institute, Dehradun

International Advisory Committee

Dr. Snehamoy Chatterjee, Michigan Technological University, USA

Mr. Vishnu Teja Muddana, Eritrea Institute of Technology, Eritria

Prof. Xiao Zhi Gao, University of Estern Finland

Prof. Ts. Dr. Raenu Kolandaisamy, UCSI University, Malaysia

Dr. Aravind Kajjam, Heraeus Epurio, USA

Publication

- All accepted papers will be published as Book Chapters in the Conference Proceeding, with ISBN from Sidvi Foundation, Hyderabad.
- Selected papers, after further review and Incorporations of recommended revision, will be published in UGC CARE /Scopus-indexed journals (Publication Fee: UGC CARE journals- ₹1,000 and Scopus journals- ₹15,000).

General Guidelines for Manuscript Preparation

- Paper Title (max. 12 words) in Book Antiqua 14pt, Bold
- Author Details including full name, affiliation, email address, and ORCID, Book Antiqua 10pt, Italic, Bold.
- Abstract (max. 350 words).
- Keywords: 4 to 6 .
- Paper Content Section
- Declaration of funding and Conflict of Interest

Important Dates

Full Paper Submission:	5th April 2026
Acceptance of the Paper:	10th April 2026
Registration Deadline:	20th April 2026
Conference Dates:	16th – 17th May 2026

Payment Details

Poster Presentation (UG Students)	₹ 500/-
Students	₹ 1500/-
IEEE/IETE/IEI/ISOI Student Members	₹ 1000/-
Faculty Members	₹ 2500/-
IEEE/IETE/IEI/ISOI Faculty Members	₹ 2000/-
Industry Delegates	₹ 5000/-
Foreign Authors	\$100

Account Details

Bank Name	State Bank of India
Branch	Gunfoundry, Hyderabad
IFSC	SBIN0020066
Account Name	PRINCIPAL DIRECTOR STANLEY CO
Account No.	62435317004

Registration & Payment Link:



Paper Template Link: <https://docs.google.com/document/d/1iSf7Y4zSNBSsTID1AnDWwEevQ9daD1YB/edit>

Poster Presentation Template Link (for UG Students only): <https://drive.google.com/drive/u/2/home>

Paper/Poster Submission through Conference Email ID: icatdm@stanley.edu.in

Sponsorship

Platinum Sponsor ₹ 3,00,000/-	10 Delegates + full page outside back cover colour advertisement in the technical volume and display of banners at prominent places of the venue
Gold Sponsor ₹ 2,00,000/-	6 Delegates + full page inside front cover colour advertisement in the technical volume and display of banners at prominent places of the venue
Silver Sponsor ₹ 1,50,000/-	4 Delegates + full page inside back cover colour advertisement in the technical volume and display of banners at conspicuous places at the venue
₹ 1,50,000/-	Sponsorship would be acknowledged through banners at prominent places of the venue and a half page advertisement inside the technical volume
₹ 75,000/-	Sponsorship would be acknowledged through banners at prominent places of the venue and a half page advertisement inside the technical volume
Delegate Kits ₹ 1,00,000/-	Name/Logo + Sponsor will be printed inside the flap of the delegate kit.
₹ 20,000/-	Sponsorship would be acknowledged through banners at prominent places of the venue

Advertisement in Conference Proceedings

Full page (Inside) color:	₹ 25,000/-
Full page (Inside) black and white:	₹ 15,000/-
Half page (Inside) black and white:	₹ 10,000/-

Expo-Stall Size & Charges

15' x 15'	₹ 2,00,000 /-
10' x 10'	₹ 1,00,000/-
6' x 6'	₹ 50,000/-

MEDIA PARTNERS



SIDVI Foundation



ALL CONFERENCE ALERT

ACADEMIC CONFERENCES AT A GLANCE

<https://www.sidvifoundation.com>

<https://allconferencealert.net>

About Hyderabad City

Hyderabad, the historic "City of Pearls" and modern capital of Telangana, is a dynamic metropolis where centuries-old monuments like the Charminar and Golconda Fort stand against a soaring skyline of global tech campuses in HITEC City and Genome Valley's biotech labs, all united by its legendary culinary culture centered on the iconic Hyderabadi Biryani, making it a unique fusion of royal heritage and 21st-century innovation.

Key Aspects of Hyderabad:

Economy

- **IT:** Microsoft, Google, Amazon, Meta, Infosys, TCS
- **Pharma:** Dr. Reddy's, Aurobindo, Novartis, GSK, Bharat Biotech
- **Finance:** Goldman Sachs, JPMorgan, HSBC
- **Engineering:** Schneider, Caterpillar, Tesla, John Deere
- **Aerospace:** BDL, HAL, DRDO, Collins Aerospace, Boeing

Landmarks

- **Historic:** Charminar, Golconda Fort, Chowmahalla Palace
- **Modern:** HITEC City, Hussain Sagar, Durgam Cheruvu Bridge
- **Cultural:** Birla Mandir, Salar Jung Museum, Nehru Zoo

Locations

- **IT Hub:** HITEC City, Gachibowli, Financial District
- **Pharma Hub:** Genome Valley (Shamirpet)
- **Industrial:** Uppal, Kukatpally, Balanagar

Cuisine

- Biryani, Haleem, Irani Chai, Double Ka Meetha, Mirchi Bajji

Development

- **Established:** HITEC City, Genome Valley
- **New:** Kokapet-Narsingi "Neopolis", ORR Corridor, Shamshabad

Modern Development: Hyderabad's modern core is HITEC City/Cyberabad, the established IT & financial hub with global tech campuses. New growth is focused on Kokapet-Narsingi-Gachibowli's "Neopolis" and the Financial District's luxury towers. Genome Valley remains the world-class established biotech hub, while Hyderabad Metro and the Durgam Cheruvu Bridge define its new infrastructure. The city's development now stretches towards Shamshabad near the airport and the ORR (Outer Ring Road) corridor, integrating new townships and economic zones.



Stanley College of Engineering & Technology for Women (Autonomous)

Block-B, H. No. 5-78 to 82, B-1-80 & 5-9-81, Chapel Road,
Fateh Maidan, Abids, Hyderabad, Telangana - 500001.

<https://www.stanley.edu.in/>