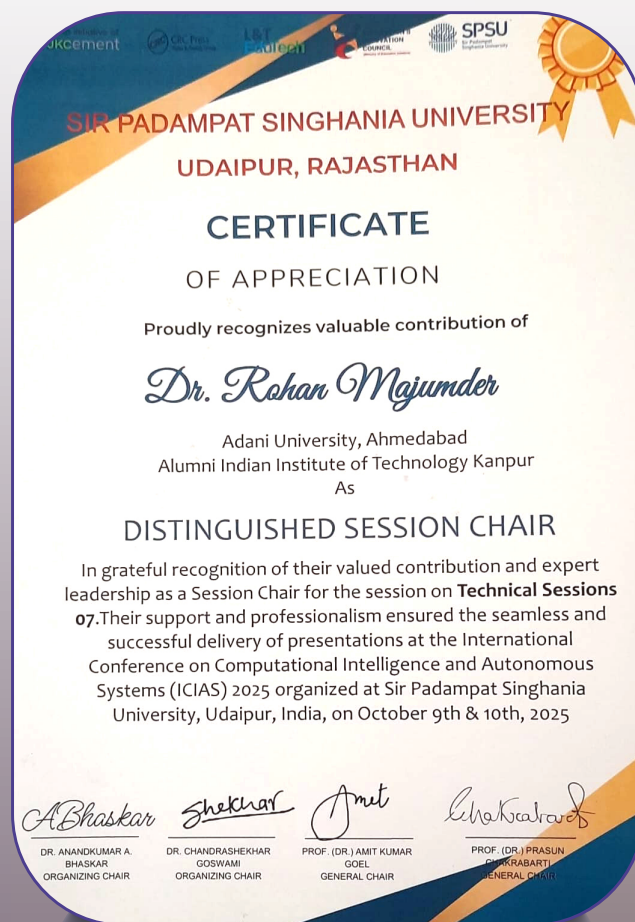




October 25, 2025

## IBM Certification in Variational Quantum Algorithm Design

Dr. Aarti Dadheech (Faculty-FEST) has cleared the IBM Quantum – Variational Algorithm Design Exam, earning an official certificate and badge from IBM. This certification validates her expertise in designing and implementing Variational Quantum Algorithms (VQAs) using Qiskit Runtime primitives. This achievement reflects her dedication to continuous learning and commitment to integrating quantum computing innovations into research and academics. She aims to leverage this expertise to drive skill development, innovation, and solutions for complex challenges in healthcare, AI, logistics, finance, and material science.



October 25, 2025

# Technical Session Cahir at ICIAS 2025 on Sustainability and Management

Dr. Rohan Majumder (Faculty-FEST), was invited and served as a distinguished session chair for the technical presentations at the International Conference on Computational Intelligence and Autonomous Systems (ICIAS) 2025, organized by Sir Padampat Singhanian University, Udaipur. As a session chair, he played a significant role in the smooth, seamless and successful delivery of the presentations based on the theme "Sustainability and Management". His role also involved moderating and evaluating scholarly presentations on emerging research in sustainable construction and management.





October 25, 2025

## Adani University – Ph.D. Admissions (January 2026 Cycle)

Adani University aspires to be a leader in cutting-edge research across diverse domains. Ph.D. program provides scholars with an opportunity to pursue innovative research that strengthens R&D in academia, industry, and governance, while addressing the well-being of people and the planet. Adani University offers an enriching research environment with ample opportunities for interdisciplinary exploration, enabling scholars to work across diverse domains. The University fosters strong collaborations with industry and academia, ensuring that research remains impactful and relevant. With a dedicated focus on sustainability, innovation, and technology-driven solutions, Adani University empowers its Ph.D. scholars to contribute meaningfully to global challenges while shaping the future of knowledge and practice. Applications are invited for the January 2026 cycle. **Read more** [🔗](#)

[www.adaniuni.ac.in](http://www.adaniuni.ac.in)

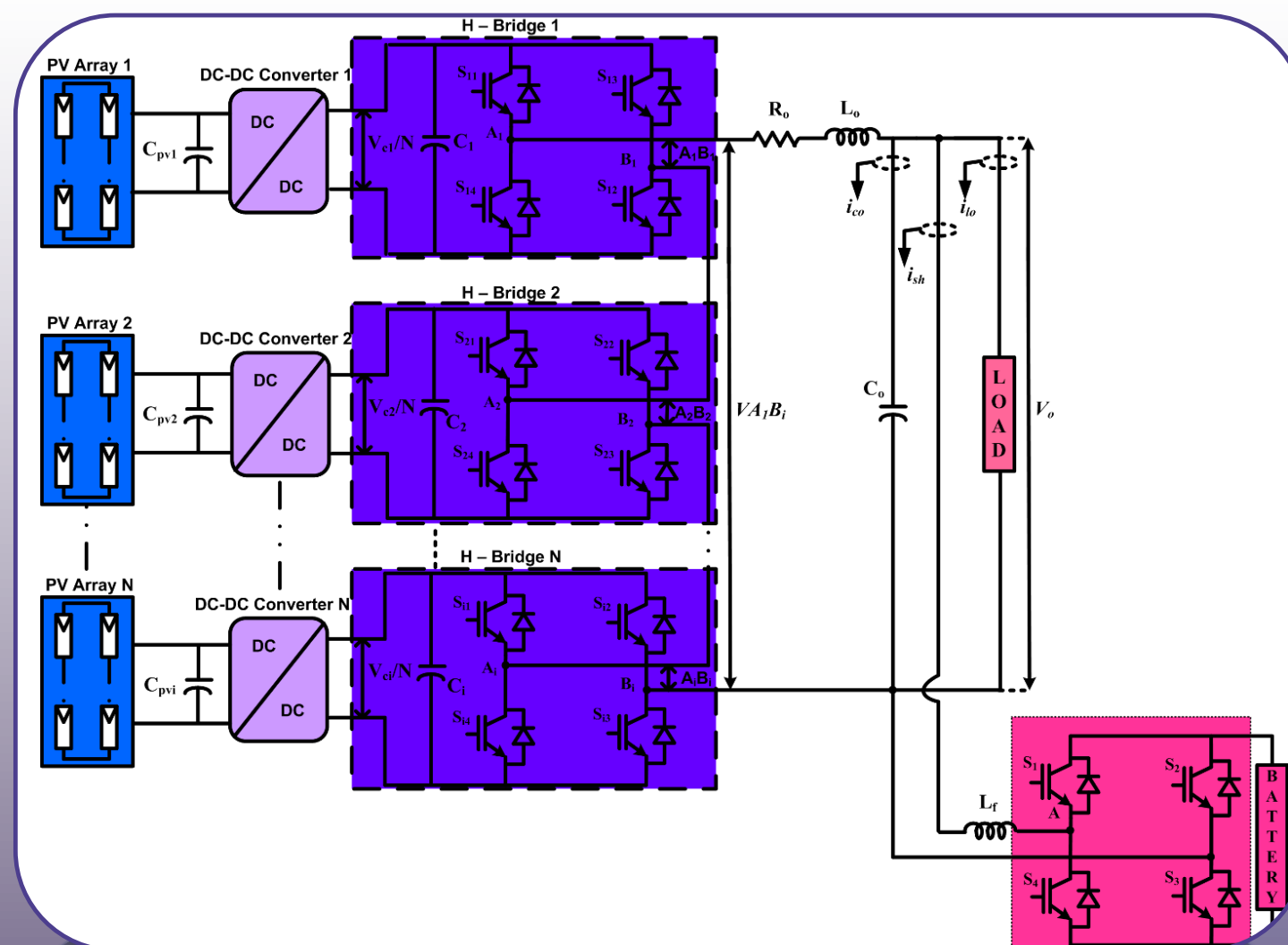




October 25, 2025

## Workshop on QGIS Digital Mapping to Empower Civil Engineering Students

A workshop on “**Application of QGIS Software for Digital Mapping**”, was conducted by the Department of Civil and Infrastructure Engineering. The workshop was exceptionally insightful and proved to be highly beneficial for students. The depth of knowledge shared by an Expert Speaker **Dr. Krunal B. Suthar** (Head and Asst. Prof., PG Department of Geoinformatics, ISTAR, Vallabh Vidya Nagar), coupled with his engaging and clear presentation style, provided participants with a strong conceptual foundation and a practical understanding (hands on practice) of Students have also learned about georeferencing, creating contour maps, cadastral maps, thematic maps, DEM, DTM, and TIN images on the GIS platform.



October 25, 2025

## Research Publication on Advanced Solar PV System

Dr. Alok Kumar Singh (Faculty-FEST) published a research paper titled "HIL Simulation of a Solar PV-Fed Cascaded H-Bridge Multilevel Inverter with AC-Side Battery Storage and Power Management" in the journal NEXT Energy. The paper presents a Hardware-in-the-Loop (HIL) simulation framework to improve solar energy conversion and storage efficiency. Unlike traditional systems with batteries on the DC side, this study proposes placing a battery bank on the AC side to simplify power management. The system uses a 7-level cascaded H-bridge inverter with MPPT, implemented and tested on an FPGA for real-time simulation, demonstrating enhanced solar power performance. [Read more](#)