

Under the patronage of

His Excellency Dr. Mohammed bin Mubarak Juma
Minister of Education and Chairman of the Board of Trustees of the Higher Education Council

IC·ETAS
2023

IEEE International Conference on Engineering Technologies and Applied Sciences (ICETAS 2023)

*Shaping the Future of Technology through Smart
Computing and Engineering*

About

UTB takes great pride in hosting **ICETAS 2023**, the IEEE International Conference of Engineering Technologies and Applied Sciences. Centered around the captivating theme, "Shaping the Future of Technology through Smart Computing and Engineering", this conference offers a unique platform for networking, learning, and showcasing the latest advancements in engineering and computing fields.

Highlights

- Talks by industry experts on the state-of-the-art technologies in computer science and engineering
- 250-350 expected professional delegates
- Presentations by innovative researchers coming from 30+ countries
- Discussion-oriented sessions and networking breaks to enable collaboration

Programme

25 OCT

- 8AM** Onsite Registration - **Reception Room**
- 9AM**
9:30AM Inauguration - **Main Hall**
- 9:45AM** Speech by Honorary **Keynote Speaker – Dr. Mahmood Shah - Main Hall**
Topic: Cyberwar: Methods and Strategies for National Defense
- 10:10AM** Award distribution and group photo session - **Main Hall**
- 10:30AM** **Coffee Break**
- 11AM**
1PM Keynote Speaker: **Dr. Fay Abdulla - Main Hall**
Topic: Smart sustainable cities in Bahrain
- Keynote Speaker: **Dr. Hanan Al-buflasa - Main Hall**
Topic: Smart Computing for Sustainable Energy
- Keynote Speaker: **Dr. Fateh Muhammed Mari - Main Hall**
Topic: Knowledge Economics and Higher Education
- Keynote Speaker: **Mr. Ameen Altajer - Main Hall**
Topic: Artificial Intelligence: Friend or Foe
- 1PM** **Lunch Break**
- 2PM**
5PM **Presentations - Track:** AI and Machine Learning - **Parallel Rooms**
Presentations - Track: Renewable Energy - **Parallel Rooms**
Presentations - Track: Smart systems & Engineering Technologies - **Parallel Rooms**
Presentations - Track: IT and Software - **Parallel Rooms**
Presentations - Track: Robotics and Control - **Parallel Rooms**

26 OCT

- 9AM**
11AM Keynote Speaker: **Dr. Saleh Alyahya - Main Hall**
Topic: Integration and Optimization of IOT Enabled Systems for adopting supply chain industry 4.0 Technologies
- Keynote Speaker: **Dr. Siddeeq Yousif Ameen - Main Hall**
Topic: 6G Communication Networks: Needs, Challenges and Future Communication Technologies
- Keynote Speaker: **Dr. Selvakumar Manickam (Online) - Main Hall**
Topic: Industry 4.0 : Transforming Automation for a Smarter Future
- Keynote Speaker: **Dr Aysha Mohammed - Main Hall**
Topic: Beyond Boundaries: Embracing AI's Partnership in Enhancing Human Intelligence
- 11AM** **Coffee Break**
- 11:30AM** **Workshop:** A Roadmap to High-impact Research: Scopus and ISI Publishing - **Main Hall**
- 12:30PM** **Lunch Break**
- 1:30PM**
4:30PM Keynote Speaker: **Prof. Monika Foster (online) - Parallel Rooms**
Topic: A Friend or a Foe? Examining the impact of AI on Higher Education'
- Presentations - Track:** IT and Software - **Parallel Rooms**
Presentations - Track: Engineering Technology - **Parallel Rooms**
Presentations - Track: Education Systems - **Parallel Rooms**
Presentations - Track: Online Session - **Parallel Rooms**
- 4:30PM** **Closing Ceremony**