



## **4<sup>th</sup> International Conference on Social Science, Engineering, Education and Technology (4<sup>th</sup> ICSET – 2025)**

**Organized by IFERP Academy**

**in association with**

**Al Furat Al Awsat Technical University, Iraq,**

**Universitas Muhammadiyah Berau, Indonesia**

**Post Conference Report**

**4<sup>th</sup> ICSET – 2025, Contributed to Following SDGs**



## Foreword

Dear Participants,

It gives me great pleasure to share with you the outcomes and results of the 4th ICSET – 2025, with the theme of " Towards Sustainable Societal Transformation: Integrating Engineering, Education, and Social Sciences for Global Development " which was held at Marrakesh, Morocco on 29th & 30th May, 2025. More than 300 people attended the event in person, and more than 500 people watched the live stream online. We were able to actively engage and reach out to a wider spectrum of research communities.

The 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025), provided a vibrant platform that brings together scholars, educators, and researchers from a variety of disciplines. It is a hub for exchanging innovative research about Global Insights, Tech Showcase, Education Hub, Innovation Junction, Advancing Research iMethodology, Future Trends Forum, Interdisciplinary Research, Internet of Things & Industry 4.O, Educational Technology and Innovation, Teaching & Learning Methodologies, Curriculum Development and Educational Policy, mainly in the multidisciplinary research studies and education.

We are grateful for the support of many universities and research institutes, whose contributions were vital to the success of this conference. We extend our sincere gratitude and highest respect to the professors who played an important role in the review process, providing valuable feedback and suggestions to authors to improve their work. We also extend our appreciation to the external reviewers for providing additional support in the review process and to the authors for contributing their research results to the 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025)

Mr. Siddth Kumar Chhajer

MD & Founder,

IFERP, Technoarete Group



**Mr. A. Siddth Kumar Chhajer**

MD & Founder, IFERP  
Technoarete Group

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## 1. Conference Summary



<b>Conference Name</b>	<b>: 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025)</b>
<b>Date</b>	<b>: 29<sup>th</sup> &amp; 30<sup>th</sup> May, 2025</b>
<b>Venue</b>	<b>: Marrakesh, Morocco</b>
<b>Conference Theme</b>	<b>: Towards Sustainable Societal Transformation: Integrating Engineering, Education, and Social Sciences for Global Development</b>
<b>Organized By</b>	<b>: Al Furat Al Awsat Technical University, Iraq, Universitas Muhammadiyah Berau, Indonesia and IFERP Academy.</b>
<b>No. of Organizing Committee Members</b>	<b>: 41</b>
<b>No. of Editors/Reviewers</b>	<b>: 22</b>
<b>No. of Speakers</b>	<b>: 10</b>
<b>No. of Abstracts Received</b>	<b>: 304</b>
<b>No. of Participants Registered</b>	<b>: 182</b>
<b>No. of Attendees</b>	<b>: 213</b>

## 1.1 Conference Overview

4<sup>th</sup> International Conference on Social Science, Engineering, Education and Technology (4<sup>th</sup> ICSET – 2025), was the place where ideas collided and innovations take the spotlight for the contribution towards achieving Sustainable Development Goals! 4th International Conference on Social Science, Engineering, Education and Technology (4<sup>th</sup> ICSET – 2025) had long been the meeting place for professionals, educators, researchers, policymakers, and industry professionals looking to network, share ideas, and grow in their respective fields. At this Social Science, Engineering, Education and Technology conference in Marrakesh, Morocco, academics, researchers, and educators were came together to share their groundbreaking research, and different views, and explore unique ideas from various fields.

Through collaboration, the conference explored intersections between various disciplines and created a dynamic environment to enhance educational discussions and explore diverse studies. This International Conference in Marrakesh, Morocco, was a part of shaping the future of global education. They continued to inspire, transform, and shape education together. Their participation was more than just an RSVP; it is an important role in our community dedicated to academic success and positive change.

## 1.2 Conference Theme

The theme of the 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025) “ **Towards Sustainable Societal Transformation: Integrating Engineering, Education, and Social Sciences for Global Development** “ was to provide a lively space where different academic areas come together. 4th ICSET – 2025 stands as a melting pot of ideas, where the boundaries between advances in Social Science, Engineering, Education and Technology blur, giving rise to innovative solutions that address global challenges. The conference embraces the multidisciplinary nature of educational excellence driving through digital transformation, recognizing that true breakthroughs often occur at the intersections of different fields.

This theme encapsulates the conference's focus on fostering innovation and collaboration across diverse disciplines within Social Science, Engineering, Education and Technology. It encourages participants to explore and present cutting-edge solutions that contribute to the sustainable development of industries, addressing challenges and advancing knowledge for a better future. The multidisciplinary perspective highlights the interconnectedness of various fields in creating holistic and impactful solutions.

### 1.3 Objectives & Scope of the Conference

The 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025) aims to bring together academics, researchers, industry professionals, and students from diverse fields to explore cutting-edge advancements and trends across Social Science, Engineering, Education and Technology.

**Key objectives include:**

- **Foster Interdisciplinary Collaboration:** Bring together researchers, academics, industry professionals, and policymakers from the fields of social sciences, engineering, education, and technology to exchange knowledge, insights, and innovations.
- **Promote Cutting-Edge Research:** Provide a platform for the presentation of current research findings, technological advancements, and educational practices across disciplines.
- **Encourage Global Networking:** Facilitate networking among international participants to strengthen collaborative research, academic exchanges, and professional partnerships.
- **Bridge Theory and Practice:** Discuss real-world applications of research in education, technological development, and social systems to address contemporary global challenges.
- **Support Emerging Scholars:** Provide opportunities for early-career researchers and students to showcase their work and receive constructive feedback from experts.

4<sup>th</sup> ICSET – 2025 transcends traditional boundaries, providing a platform for comprehensive exploration across a multitude of disciplines. The conference encompasses a wide scope that includes, but is not limited to:

- **Social Sciences :** Social innovation and entrepreneurship, Public policy and governance, Sustainable development, Gender studies and equity, Digital society and human behavior
- **Engineering :** Electrical, Mechanical, and Civil Engineering advancements, Smart systems and Industry 4.0, Green technologies and renewable energy, Artificial intelligence and robotics, Materials science and nanotechnology
- **Education :** Educational technology and digital learning, Curriculum innovation and assessment, Inclusive and equitable education, Teacher training and development, Educational policy and leadership
- **Technology :** Emerging technologies and future trends, ICT for development, Cybersecurity and data protection, Internet of Things (IoT), Human-computer interaction



## 2. Guest of Honor, Keynote Speakers, Session Speakers, Event Speakers, & Session Chairs

### Guest of Honour



**Mr. Siddh Kumar Chhajer**  
MD & Founder, IFERP  
Technoarete Group  
India



**Dr. Youssef el afou**  
Professor,  
Department of Computer Science  
Université Sidi Mohamed Ben  
Abdellah Fes,  
Morocco

### Keynote Speakers



**Associate Professor Dr. Ahmad Rasmi Albattat**  
Program Leader,  
School of Global Hospitality and Tourism,  
Asia Pacific University of Technology and  
Innovation,  
Malaysia.



**Prof. Dr. Delshi Howsalya Devi**  
Karpaga Vinayaga College of  
Engineering and Technology  
India.



**Dr. Ali Hamza Najm**  
Assistant Professor  
Department of Computer Science  
Engineering  
Imam Alkadhim University College  
Iraq.



**Prof. Mohamed BAKHOUYA**  
Professor  
Department of Computer Science  
International University of Rabat  
Morocco.



**Professor EL DAOUDI Soukaina**  
Department of Electrical Engineering  
Faculty of Sciences Semlalia (FSSM)  
Cadi Ayyad University,  
Marrakech, Morocco.



## Session Speakers



**Assoc Prof. Dr. Devansh Desai**  
Head of Department- Physics, Silver  
Oak University,  
Ahmedabad Gujarat  
India.



**Dr. Priyadarshini Muthukrishnan**  
Senior Lecturer I  
INTI International University-Malaysia  
Malaysia.



**Prof. Dr. S. Pushpa**  
Professor  
Department of Computer Science and  
Engineering St. Peter's Institute of Higher  
Education and Research (SPIHER)  
India.



**Dr Faisal Binsar, ST, MMSI**  
Lecturer in Digital Business  
Muhammadiyah University of Berau  
Indonesia.



**Dr Mazhar Kantakji**  
Senior Lecturer  
Universiti Kuala Lumpur,  
Malaysia.



**Dr. Md. Murad Hossain**  
Assistant professor  
Department of Statistics  
Gopalganj Science and Technology University,  
Gopalganj,  
Bangladesh.

## Workshop Speaker



**Dr. Anouar Ben-loghfry**

Professor,  
Department of Applied Mathematics  
Faculty of Science and Technology Marrakesh-Safi,  
Morocco.

## Session Chairs



**Professor. EL DAOUDI Soukaina**  
Department of Electrical Engineering  
Faculty of Sciences Semlalia (FSSM)  
Cadi Ayyad University,  
Marrakech,  
Morocco



**Ms. Hind Salhi**  
Professor  
Department of English Language  
CPGE Nador,  
Morocco

### 3. Welcoming & Introduction

Welcome to the 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025), where we gather the brightest minds and the most innovative ideas to inspire, educate, and connect. Before we dive into today's agenda, let's take a moment to appreciate the vibrant atmosphere here at Marrakesh, Morocco. This location has been thoughtfully chosen to provide an inspiring environment for our discussions and networking. The theme of the 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025) is “ Towards Sustainable Societal Transformation: Integrating Engineering, Education, and Social Sciences for Global Development “.

Our objective is to explore new technologies in Social Science, Engineering, Education and Technology. Over the next two days, we have a packed schedule with three sessions, one workshop, and ten keynote presentations from industry leaders and experts. This conference would not be possible without the hard work and dedication of many individuals. We would like to extend a special thank you to our conference managers, and organizing committee members.

## 4. Welcome Speeches

### 4.1 Welcome Speech by Special Guest - Mr. A. Siddth Kumar Chhajer



**Mr.Siddth Kumar Chhajer**  
Founder & Managing Director,  
IFERP, Technoarete Group,  
India.

### 4.2 Welcome Speech by Special Guest - Dr.Youssef el afou



**Dr.Youssef el afou**  
Professor,  
Department of Computer Science  
Université Sidi Mohamed Ben  
Abdellah Fes,  
Morocco

#### 4.3 Welcome Speech by Special Guest – Professor EL Daoudi Soukaina



**Professor EL DAOUDI Soukaina**  
Department of Electrical Engineering  
Faculty of Sciences Semlalia (FSSM)  
Cadi Ayyad University,  
Marrakech, Morocco.

#### 4.4 Welcome Speech by Special Guest – Prof. Mohamed Bakhouya



**Prof. Mohamed BAKHOUYA**  
Professor  
Department of Computer Science  
International University of Rabat  
Morocco.

#### 4.5 Welcome Speech by Special Guest – Dr. Anouar Ben-loghfry



### **Dr. Anouar Ben-loghfry**

Professor,  
Department of Applied Mathematics  
Faculty of Science and Technology Marrakesh-Safi,  
Morocco.

## 5. Keynote Speeches

### 5.1 Speech by Keynote speaker - Professor EL Daoudi Soukaina



**Professor EL DAUDI Soukaina**  
Department of Electrical Engineering  
Faculty of Sciences Semlalia (FSSM)  
Cadi Ayyad University,  
Marrakech, Morocco.



## 5.2 Speech by Keynote speaker – Prof. Mohamed Bakhouya



**Prof. Mohamed BAKHOUYA**  
Professor  
Department of Computer Science  
International University of Rabat  
Morocco.

## 5.3 Speech by Keynote speaker – Associate Professor Dr. Ahmad Rasmi Albattat



**Associate Professor Dr. Ahmad Rasmi Albattat**  
Program Leader,  
School of Global Hospitality and Tourism,  
Asia Pacific University of Technology and  
Innovation,  
Malaysia.

**5.4 Speech by Keynote speaker – Prof. Dr. Delshi Howsalya Devi**



**Prof. Dr. Delshi Howsalya Devi**  
Karpaga Vinayaga College of  
Engineering and Technology  
India.

**5.5 Speech by Keynote speaker – Dr. Ali Hamza Najm**



**Dr. Ali Hamza Najm**  
Assistant Professor  
Department of Computer Science  
Engineering  
Imam Alkadhim University College  
Iraq.



**5.6 Speech by Keynote speaker – Dr Mazhar Kantikji**



**Dr Mazhar Kantikji**  
**Senior Lecturer**  
**Universiti Kuala Lumpur,**  
**Malaysia.**

**5.7 Speech by Keynote speaker – Dr. Priyadarshini Muthukrishnan**



**Dr. Priyadarshini Muthukrishnan**  
**Senior Lecturer I**  
**INTI International University-Malaysia**  
**Malaysia.**

## 6. Workshop on Image Processing and AI



**Dr. Anouar Ben-loghfry**

Professor,  
Department of Applied Mathematics  
Faculty of Science and Technology Marrakesh-Safi,  
Morocco.

## 7. Group Photo



## 8. Inaugural Programme

The inaugural program of the 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025, Marrakesh, Morocco on 29th & 30th May, 2025, conference sets the tone for the entire event, providing an opportunity to introduce the theme, objectives, and key participants. The inaugural program included inaugural addresses, proceedings release, Momento ceremony & Institutional Membership Benefits etc. The inaugural program was a crucial part of the conference, serving to welcome and engage participants, set the context for discussions, and recognize the contributions of key individuals.

## 9. Conference Proceedings Book Release

The 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025), Conference proceedings was a comprehensive collection of the papers presented at the 4th ICSET – 2025. The Conference Proceedings serve as a valuable record of the research and discussions that occurred during the 4th ICSET – 2025 conference, providing insights into current trends, innovations, and the future direction of Social Science, Engineering, Education and Technology.

On behalf of the organizing committee of the 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025), the conference proceedings was released.








# 4<sup>th</sup> International Conference on Social Science, Engineering, Education and Technology

 29<sup>th</sup> & 30<sup>th</sup> May 2025

 Kenzi Rose Garden, Morocco

*Organized by*

AL Furat AL Awsat Technical University, Iraq  
Universitas Muhammadiyah Berau, Indonesia  
IFERP Academy

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12.2 CPD Credit Hours

**#IFERP**supportsSDGs



<https://www.iferp.in/past-conferences.php>

## 10. Momento Ceremony

The conference speakers, session speakers, & session chairs were awarded with Momentos.



## 11. Technical Presentation Sessions

### 11.1 Technical Presentation Session 1

11.1.1 – 11.1.9 Total 9 Scientific Presentations were presented in the Technical Presentation Session 1

## 12. Technical Presentation Sessions

### 12.1 Technical Presentation Session 1 A

12.1.1 Speech by Session Speaker Assoc Prof. Dr. Devansh Desai



**Assoc Prof. Dr. Devansh Desai**  
Head of Department- Physics, Silver  
Oak University,  
Ahmedabad Gujarat  
India.

12.1.2 Speech by Session Speaker Prof. Dr. S. Pushpa



**Prof. Dr. S. Pushpa**  
**Professor**  
**Department of Computer Science and**  
**Engineering St. Peter's Institute of Higher**  
**Education and Research (SPIHER)**  
**India.**

12.1.3 – 15.1.13 Total 13 Scientific Presentations were presented in the Technical Presentation  
Session 1 A

**12.2 Technical Presentation Session 1 B**

12.2.1 Speech by Session Speaker Dr Faisal Binsar, ST, MMSI



**Dr Faisal Binsar, ST, MMSI**  
**Lecturer in Digital Business**  
**Muhammadiyah University of Berau**  
**Indonesia.**



### 12.2.2 Speech by Session Speaker Dr. Md. Murad Hossain



**Dr. Md. Murad Hossain**  
Assistant professor  
Department of Statistics  
Gopalganj Science and Technology University,  
Gopalganj,  
Bangladesh.



12.2.3 – 12.2.13 Total 13 Scientific Presentations were presented in the Technical Presentation Session 1 B

### 13. Award Ceremony - Best Paper Presentation Awards





Photo	Name	Paper Title
	<b>Erna Widyasari</b>	The Influence of Santi Artificial Intelligence Chatbots on Enhancing Student Creativity
	<b>Dr. Sumeet Sanjay Patil</b>	Introducing Colors to the Visually Impaired Children for Creating Employment Opportunities
	<b>John Rafael Aranas</b>	A Survey on Dietary Intake among Project DAREDEMO Beneficiaries in Cebu City
	<b>Anjali Toliya</b>	Neuroprotective effect of Erigeron annuus extract in Model of Alzheimer's and Parkinson disease
	<b>Fefria Tanbar</b>	Utilizing Geothermal Energy for a Heated Swimming Pool System in the Mataloko Geothermal Plant Area

	<b>Shraddha Vyas</b>	Phyto therapeutic Targeting of Amyloid- $\beta$ Aggregation and Oxidative Stress Using <i>Caesalpinia crista</i> in Alzheimer's Pathology
	<b>Rizki Sandhi Titisari</b>	Inhibitory Potential of Collagen-Derived Amino Acids from Mackerel Scad ( <i>Decapterus macarellus</i> ) as Anti-Aging Agents Targeting MMP-1

## 14. Valedictory Function

### 14.1 Conference - Conclusion Summary

The 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025), held on 29th & 30th May, 2025, at Marrakesh, Morocco organized by Al Furat Al Awsat Technical University, Iraq, Universitas Muhammadiyah Berau, Indonesia and IFERP Academy brought together a diverse group of experts, practitioners, and enthusiasts from various fields. The central theme of the conference was "Towards Sustainable Societal Transformation: Integrating Engineering, Education, and Social Sciences for Global Development" and it successfully fostered a collaborative environment for sharing knowledge, insights, and advancements to achieve SDGs.

#### Key Highlights:

The conference commenced with an inspiring Special Guest of Speech by Mr. Siddh Kumar Chhajer, MD & Founder, Technoarete Group, who emphasized the importance of multidisciplinary conferences, collaboration and innovation, QS University World Rankings and Times Higher Education (THE) University World Rankings. Keynote Speakers highlighted the recent breakthroughs and the potential for future developments in Multidisciplinary and Current Educational Research.

**Research Presentations:**

Over 182 research papers were presented, covering a wide range of topics. These presentations showcased cutting-edge research and fostered lively discussions.

**Networking Opportunities:**

The conference facilitated numerous networking events, allowing attendees to connect with peers, potential collaborators, and industry leaders. The virtual and in-person networking sessions were particularly well-received, enhancing professional relationships and sparking new partnerships.

**Achievements and Outcomes:**

- Several new collaborative initiatives were announced, aiming to address global challenges. These initiatives will leverage the collective expertise and resources of participating organizations.
- Publication of Proceedings including the conference proceedings, including research papers and keynote addresses, will be published. Future Conferences: Plans for the next conference were discussed, with suggestions for topics and formats that could further enhance engagement and impact.

**Closing Remarks:**

In the closing session, IFERP Academy expressed its gratitude to all the participants, academic partners, sponsors, and organizers. IFERP Academy highlighted the conference's success in achieving its objectives and underscored the importance of continued collaboration and innovation. Attendees left with a sense of accomplishment and a renewed commitment to advancing in their fields.

The conference concluded on a high note, with participants energized and motivated to apply the insights gained to their respective fields. The event not only celebrated current achievements but also set a forward-looking agenda for future research and development.

**15. Vote of Thanks**

Dear Researchers, Academicians & Students,

As we draw to the close of this remarkable 4th International Conference on Social Science, Engineering, Education and Technology (4th ICSET – 2025), it is our honor and privilege to extend a vote of thanks on behalf of the organizing committee. Today has been a day filled with insights, inspiration, and invaluable networking opportunities, and none of this would have been possible without the collective efforts of many individuals and organizations.

Firstly, we would like to express our deepest gratitude to our esteemed speakers. Your expertise, thoughtful presentations, and engaging discussions have been the highlight of this conference. You have not only enlightened us with new knowledge but have also inspired us to think critically and creatively about the challenges and opportunities in our field.

A special thanks to our dedicated organizing committee and volunteers. Your hard work behind the scenes, meticulous planning, and tireless efforts have ensured that everything ran smoothly. Your passion and dedication are truly commendable, and this event could not have happened without you.

We are also grateful to our attendees. Your active participation, thoughtful questions, and enthusiastic engagement have added great value to this conference. It is your eagerness to learn and share that makes the events like this so rewarding and worthwhile.

We would like to acknowledge the venue staff for their excellent service and hospitality, providing us with a comfortable and conducive environment for our discussions and networking.

Finally, I want to thank everyone who has contributed, in big ways and small, to the success of this conference. Whether you were a speaker, sponsor, attendee, or volunteer, your involvement has been crucial.

As we conclude, let us take with us the knowledge we have gained, the connections we have made, and the inspiration to drive forward in our respective fields. We look forward to seeing you at future conferences and continuing these valuable conversations.

## 16. Conference Glimpses





## 17. General Comments & Feedbacks

### Overall Comments of the Participants:

- Organizing and Coordination of the conference was excellent and professional.
- Speakers were no doubt enriching.
- Overall, an excellent International Conference.
- Workshop was very interactive
- The introduction of the conference program was so effective that it distracts you from the research topic
- Keynote speakers talks were worth listening.
- Issues were resolved carefully.