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- 2nd International Conference on Multidisciplinary Approaches on Education, Science, Engineering, Social Science & Humanities (ICMAEESH)
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- 9th International Conference on Applied Sciences, Engineering, Technology and Management (ICASETM)
28th & 29th August 2026 | Bogotá, Colombia

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2nd International ACADEMIC CONFERENCE ON Teaching Education and Recent Learning Technologies (ICTERLT)

17th & 18th June 2026 | Jakarta, Indonesia

Organised by
IFERP Academy (Indonesia Society)



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2nd International Academic Conference on Teaching Education and Recent Learning Technologies (ICTERLT 2026)

Organized by IFERP Academy

Post Conference Report

ICTERLT-2026, Contributed to Following SDGs



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Conference Summary

Conference Name: 2nd International Academic Conference on Teaching Education and Recent Learning Technologies (ICTERLT 2026)

Date: 17th & 18th June 2026

Venue: Jakarta, Indonesia

Conference Theme: Revolutionizing Learning: Technology, Creativity, and the Future of Education

Organized By: IFERP Academy

No. of Organizing Committee Members: 10

No. of Editors/Reviewers: 5

No. of Speakers: 10

No. of Abstracts Received: 100+

No. of Participants Registered: 25+

No. of Virtual Attendees: 24

1.1 Conference Overview

The 2nd International Academic Conference on Teaching Education and Recent Learning Technologies (ICTERLT 2026) serves as a global platform for educators, researchers, academicians, and EdTech professionals to exchange innovative ideas and research. The conference promotes collaboration in teaching, educational research, and emerging learning technologies to address the evolving needs of modern education. Through keynote sessions, technical presentations, and networking opportunities, participants gain valuable insights into the future of education. ICTERLT 2026 aims to foster international partnerships that contribute to inclusive, technology-driven, and sustainable educational development.

1.2 Conference Theme

"Revolutionizing Learning: Technology, Creativity, and the Future of Education" reflects ICTERLT 2026's vision of transforming education through innovation and collaboration. The theme emphasizes the integration of artificial intelligence, digital tools, and advanced learning technologies to create engaging and future-ready educational experiences. It also highlights the importance of creativity in developing effective teaching methodologies and learner-centred approaches. By promoting accessible, inclusive, and sustainable education, the conference addresses the challenges and opportunities of the rapidly changing educational landscape.

1.3 Objectives & Scope of the Conference

ICTERLT 2026 aims to strengthen interdisciplinary collaboration among educators, researchers, technologists, policymakers, and industry experts to advance the future of education. The conference promotes the application of research-driven teaching practices, innovative learning technologies, and curriculum development that support 21st-century skills. It provides a platform to explore topics such as AI-enhanced learning, immersive educational technologies, digital pedagogy, inclusive education, and sustainable learning environments. Participants are encouraged to share research, exchange best practices, and develop collaborative solutions that bridge the gap between academic research and educational practice. Through these initiatives, the conference contributes to global educational transformation and supports the achievement of the United Nations Sustainable Development Goals, particularly Quality Education.

Keynote Speakers



Dr. Baihaqi Siregar
Universitas Sumatera Utara
Indonesia



Prof. Dr. Ir. Wayan Suparta
Naresuan University,
Thailand



Prof. Dr. Rahmat Budiarto
Al-Baha University,
Saudi Arabia



Assoc. Prof. Dr. Jacob F. N. Dethan
Rector
Universitas Sugeng Hartono
Indonesia



Assoc. Prof. Ts. Dr. Rajermani
Thinakaran
INTI International University &
Colleges
Malaysia

Session Speakers



Ms. Sujana Shafi
Universiti Malaysia Terengganu
Malaysia



Assoc. Prof. Dr. Koushick Venkatesh,
SMIEEE., MISTE.,
Vel Tech Rangarajan Dr. Sagunthala
R&D Institute of Science and
Technology
India



Prof. Dr. Ridwan Sanjaya
Soegijapranata Catholic
University
Indonesia



Assoc Prof. Dr. Sakinah Ali Pitchay
Universiti Sains Islam Malaysia
Malaysia



Dr. Munadhil Abdul Muqsith
Associate Researcher
The National Research and Innovation Agency of the
Republic of Indonesia (BRIN)
Indonesia

Session Chair



Dr. Osheen Sharma
Assistant Professor, Department of
Computer Applications, Goswami Ganesh
Dutta Sanatan Dharma College
India



Aditya Rautaray
Cloud Security Architect, CVS
Healthcare
US

Moderators



Najma Qadisha Ramadhanty
Law Firm
Indonesia



Dr. Tari Vinaya Satyawati Savitri,
Co-founder and Managing Director Asian
GreenEdge Research Consulting (AGERC), India
Inbound Staff, Department of Biology Universitas
Airlangga,
Indonesia

Agenda

June 18th 2026 - Virtual

Time Slot	Activities – Main Room	Activities – Parallel Room
10:00 AM - 10:10 AM	Introduction by Moderator	Introduction by Moderator
10:11 AM – 10:26 AM	Keynote speakers - Dr Baihaqi Siregar	Keynote speakers - Prof. Dr. Ir. Wayan Suparta
10:27 AM – 10:42 AM	Keynote speakers - Prof. Dr. Rahmat Budiarto	Keynote speakers - Assoc. Prof. Dr. Jacob F. N. Dethan
10:43 AM – 10:58 AM	Session speakers - Prof. Dr Ridwan Sanjaya	Session speakers - Ms Sujana Shafi
10:59 AM – 11:14 AM	Session speakers - Assoc. Prof. Dr. Ridha Sefina Samosir	Session speakers - Assoc Prof. Dr. Sakinah Ali Pitchay
11:15 AM – 11:30 AM	Session speakers - Dr Munadhil Abdul Muqsith	Session speakers - Assoc Prof. Dr. Hayatul Safrah Salleh
11:31 AM – 11:41 AM	Short Break	Short Break
11:42 AM – 11:57 AM	Session Speaker - Assoc Prof. Dr. Koushick Venkatesh, SMIEEE., MISTE.,	Technical Session B1 (11:42 AM - 02:04 PM)
02:32 PM - 02:40 PM	Technical Session A1	
11:13 AM – 11:28 AM	Vote of Thanks	

Technical Sessions – Main Room – A1

Time Slot	Technical Session
11:58 AM - 12:08 PM	Nutrition assessment in children using machine learning and image processing presentation by rajesh c. Dharmik
12:09 PM - 12:19 PM	Pt barito pacific tbk (brpt) stock prices analysis using long short-term memory (lstm) model with different configuration presentation by dennis emir adrian
12:20 PM - 12:30 PM	"Experimental investigation on light weight geopolymer concrete blocks with Ggbs and rice husk ash presentation by vijayashankar t"
12:31 PM - 12:41 PM	Continuous monitoring and analysis of power quality parameters in solar pv systems using esp32 presentation by yogesh santosh mathpati
12:42 PM - 12:52 PM	Creative technology & ux in indian animation presentation by niharika nilesh mapari
12:53 PM - 01:03 PM	Empowering social workers to support deaf/mute individuals across generations : a contemporary psychological and social work perspective presentation by shaik sameer
01:04 PM - 01:14 PM	A hybrid generative ai and deep vision framework for multi-class solarpanel fault classification with real-time analysis presentation by bharath sirgapur
01:15 PM - 01:25 PM	Heart attack prediction using semi-supervised classification with pairwise constraints presentation by turaka rajesh
01:26 PM - 01:36 PM	An interactive rag-enhanced generative ai framework for molecular design presentation by harshit notani
01:37 PM - 01:47 PM	Smart diet plan recommendation system based on patient's health presentation by harish kumar
01:48 PM - 01:58 PM	Cyber sentinel:ai powered framework for child protection and digital safety presentation by swathi
01:59 PM - 02:09 PM	The impact of an ai-based communication program on school–family partnerships in uae primary education: an action research study presentation by senadia hassan ali almatroushi alzaabi
02:10 PM - 02:20 PM	Developing ai applications for parent communication at umair bin abi waqqas first cycle school presentation by senadia hassan ali almatroushi alzaabi
02:21 PM - 02:31 PM	"Improvement of Agri-Voltaic Systems with Power Line Communication and LoRaWAN-Based IoT Presentation by Bandaru Anuhya"

Technical Sessions – Parallel Room – B1

Time Slot	Technical Session
11:42 AM – 11:52 AM	Integrating Smart Technologies In Foreign Language Education: A Quantitative Study In Uzbekistan Presentation By Nargiza Mavlanova
11:53 AM – 12:03 PM	Enhanced Flutter Based Mobile Application For Employability Presentation By Mohammed Fayaz M
12:04 PM – 12:14 PM	Deep Learning Powered Automated Brain Tumour Classification From Mri Images Presentation By B Rajesh Shyamala Devi
12:15 PM – 12:25 PM	Voice-Controlled Spacecraft Cockpit Presentation By Ritheswetha R
12:26 PM – 12:36 PM	Hybrid Range Based Underwater Localisation Presentation By Thrisha K
12:37 PM – 12:47 PM	Other Learning Environments Through Steam+H Presentation By Nashielly Yarzabal Coronel
12:48 PM – 12:58 PM	Learning Analytics As A Tool For Developing Teachers' Differentiation Skills In Higher Education Presentation By Gulzhan Juzbayeva
12:59 PM – 01:09 PM	Early Prediction Of Alzheimer's Disease Using Convolutional Neural Network - Review Paper Presentation By Priyanka Patil
01:10 PM – 01:20 PM	Results Of The Method For Measuring The Nasal Valve Area Presentation By Firdavs Norjigitov
01:21 PM – 01:31 PM	Malnutrition Detection Using Deep Learning Presentation By Pinjari Abdul Basha
01:32 PM – 01:42 PM	Mitigating Hallucinations With Mcp Framework For Agentic Data Retrieval In Clinical Trial Recruitment Presentation By Leeza
01:43 PM – 01:53 PM	The Interface Is A Message Presentation By Mehak Johri
01:54 PM – 02:04 PM	Green Bytes: Harnessing Ai For A More Sustainable Financial Future Presentation By Neetu Yadav
02:05 PM - 02:15 PM	A Comprehensive Women's Safety Mobile Application With Multi-Factor Route Safety Analysis And Real-Time Emergency Response Presentation By Aruna S
02:16 PM - 02:26 PM	Agritwin-Gh: An Ai-Driven Digital Twin Framework For Intelligent Greenhouse Management Of Tomato And Strawberry Crops Presentation By Amala Margret A

Best Paper Award Winners:

Paper Title: *An Interactive RAG-Enhanced Generative AI Framework for Molecular Design*
Presentation by Harshit Notani

Paper Title: *Mitigating Hallucinations with MCP Framework for Agentic Data Retrieval in Clinical Trial Recruitment*
Presentation by Leeza

Vote of Thanks

The conference concluded with a heartfelt Vote of Thanks delivered on behalf of the organizing committee. Gratitude was extended to the Guest of Honour, keynote speakers, session chairs, researchers, academicians, industry experts, and delegates for their valuable contributions and active participation throughout the conference. Special appreciation was expressed to the organizing institutions, sponsors, reviewers, volunteers, and technical support teams whose dedication ensured the smooth execution of the event. The organizing committee also acknowledged the efforts of all authors and presenters for sharing their research and insights.

The session ended with best wishes for continued academic excellence, future collaborations, and success in advancing research and innovation in engineering and technology.

General Comments & Feedback

1. Most participants rated the conference sessions as valuable to extremely valuable, reflecting the relevance, quality, and effectiveness of the content presented.
2. Participants appreciated the well-structured and organized conduct of the conference, particularly the smooth registration process, efficient coordination, and adherence to the scheduled programme.
3. Attendees highly valued the opportunity to explore emerging technologies, innovative research developments, and future trends across various industries.
4. The quality of the speakers, mentors, session chairs, and expert-led discussions received positive appreciation from the participants.
5. Several participants highlighted the conference as a professional platform for networking, knowledge exchange, and the presentation of research findings.
6. Effective time management during sessions and presentations was widely appreciated, with participants acknowledging the punctual and systematic execution of the programme.
7. Participants recommended improving communication regarding post-conference activities, particularly certificate distribution, publication updates, and indexing-related information.
8. Some respondents suggested providing reviewer comments for both accepted and rejected papers to enhance transparency and add greater academic value to the review process.
9. Suggestions for future conferences included allocating longer presentation durations, allowing more comprehensive Q&A sessions, and sharing presentation schedules and session details well in advance.
10. Overall, the feedback reflected a high level of participant satisfaction, with attendees encouraging the organizers to maintain the same standards of professionalism, organization, and academic excellence in future conferences.

Glimpses

Smart Agri voltaic Eco System



Department of Electronics & Communication Engineering
University College of Engineering, Kakinada
JNTUK

Presented by:
Bandaru Anuhya
PG Scholar
Department of ECE
JNTUK Kakinada

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Bandaru Anuhya

Bandaru Anuhya

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ICTERLT
by IFERP
17 - 18 June 2020 | Jakarta, Indonesia

RESEARCH PRESENTATION

A Hybrid Generative AI and Deep Vision Framework for Multi-Class Solar Panel Fault Classification with Real-Time Analysis

Presented By: Bharath Sirgapur
Guided By: Dr. Savitha Patil
Department of Computer Science & Engineering, Sharnbasva University, Kalaburagi, Karnataka, India

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9 unassigned participants

Audio Video

Participants Chat Reactions Share Host Tools Breakout rooms More

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Comments Record Share

Re-specifying Literacy as a 4D Construct

Functional Literacy
Foundational skills, reading comprehension, writing, mathematics, and basic language learning. The foundation for becoming literate.

Critical Literacy
Sociocultural critique, evaluating sources, critically reasoned pedagogy, and recognizing ambivalent power dynamics in texts.

Creative Literacy
Multimodal production with basic proficiency in oral and written language, and generating creative digital multimodal.

Ethical Literacy
Epistemic responsibility, social education, normative reasoning, sensitivity to individualism, and accountability in knowledge construction.

Click to add notes

Slide 9 of 16 English (United States) Accessibility: Investigate

Notes Comments

3 unassigned participants

Munadil Abdul Muqim

Ridha Sefina Samosir_Session Speaker Presentation_ICTERLT2026.17180626 [Compatibility Mode] - Powe...

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Search Sign in Share

Develop Dashboard (Visualization) and Analytics Feature in Digital Learning System Platform (Moodle)

Felix Aristo
Dr. Ridha Sefina Samosir

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Slide 1 of 19 English (Indonesia) Accessibility: Unavailable

Notes Comments

3 unassigned participants

Ridha Sefina Samosir (Ridha)

ICTERLT Unika SOEGIJAPRANATA
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Talenta pro patria et humanitate

Transforming Learning Experiences through AI-Supported Collaborative Micro-Authoring Framework

Prof. Dr. Ridwan Sanjaya, MS.IEC
Soegijapranata Catholic University (SCU), Indonesia

The 2nd International Academic Conference on Teaching Education and Recent Learning Technologies (ICTERLT), Jakarta, 17-18 June 2026

00:00:09 00:09:30

IFERP Academy

ICTERLT by IFERP 17 - 18 June 2026 | Jakarta, Indonesia

Digital Future

- Digital literacy
- AI awareness
- Data-driven thinking
- Online collaboration



2nd International Academic Conference on Teaching Education

IFERP Academy

ICTERLT by IFERP 17 - 18 June 2026 | Jakarta, Indonesia

Learning Analytics Enables Hyper-Targeted Scaffolding

Customized for Every Individual Student



HYPER-TARGETED SCAFFOLDING
Customized Support for Each Student

Student	Strength	Need	Recommended Support	Build
Student A	Reading	Vocabulary	Vocabulary practice Interactive games	Build Vocabulary
Student B	Grammar	Writing	Guided writing activities Sentence starters	Improve Writing
Student C	Listening	Speaking	Speaking practice Pronunciation feedback	Build Confidence
Student D	Engagement	Challenge	Advanced activities Enrichment tasks	Extend Learning
Student E	Consistency	Concept Clarity	Concept review Worked examples	Strengthen Understanding

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11 unassigned participants

ASSOC. PROF. DR. HAYATUL SAFRAH SALLEH

UMT

E-mail: hayatul@umt.edu.my

Phone: +6 0124081801

TERIMA KASIH

THANK YOU

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MJRA

TEROKAN SELUAS LAUTAN, DEMI KELESTARIAN SEJAGAT | Ocean of Discoveries

8 unassigned participants

Proceedings Book: <https://www.iferp.in/past-conference/icterlt-2026.php>