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ICCCE

27-28 FEBRUARY 2025
JAKARTA, INDONESIA

3rd International Conference on Computer, Cybernetics and Education (ICCCE-2025)

27th & 28th February 2025 | Jakarta, Indonesia

Organized by

Alliance of Indonesian Faculty of
Economics and Private Business
(AFEB SI), Indonesia

PT. Mega Mas Abadi
Consultant and Training,
Indonesia

Pramita Indonesia University
Indonesia

IFERP Academy
(Indonesia Society)

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Keynote Speakers



Dr. Suha Khanfar

Executive Office Manager
Shams Al-Iraq for Supply, Import &
Export Co. Ltd
Jordan.



Assoc Prof. Dr. Mohd Zairul (Zack Zairul) MN

Deputy Dean
Universiti Putra Malaysia
Malaysia.



AFM A/Prof. Dr. Ir. Arwin Datumaya Wahyudi Sumari, S.T., M.T., IPU,

ASEAN Eng., ACPE, APEC Eng.
Special Staff to the Chief of Staff of the
Air Force, Indonesian Air Force - TNI
Angkatan Udara
Indonesia.

Keynote Speakers



Dr Munadhil Abdul Muqsith
Senior Lecturer and Researcher
Head of the Communication Department
Universitas Pembangunan Nasional Veteran
Jakarta
Indonesia



Harshit Kohli
Sr Technical Account Manager
Amazon Web Services
USA.

Plenary Keynote Speakers



Swati Tyagi
Senior Applied AI/ML
Engineer
USA.



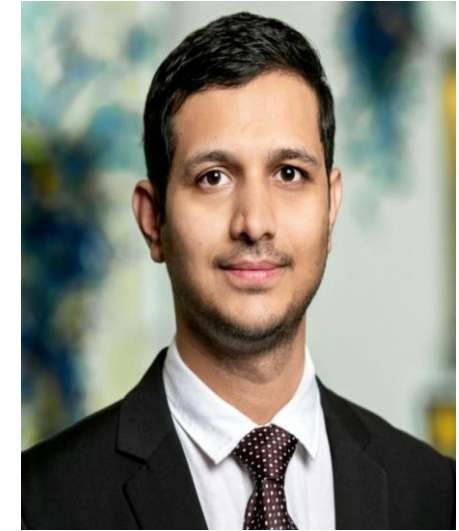
**Sai Vishnu Vardhan
machapatri**
Salesforce Analyst ,
Vernus technologies
USA.



Siddharth Chatwal
Senior Manager - Tech
Strategy
PricewaterhouseCooper
s – Atlanta, GA
USA.



**Siranjeevi Srinivasa
Raghavan**
Cybersecurity System
Engineer
ZF Active safety
USA.



**Karthik Hosavaranchi
Puttaraju**
Business
Transformation Leader
Koch engineered
solutions
USA.

Plenary Keynote Speakers



Sanat Talwar
Security Software
engineer
Electronic Arts
USA.



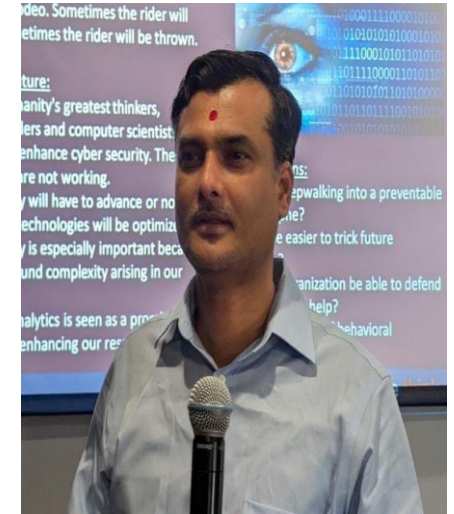
Sita Rama Praveen,
Madugula
Technology Leader
Technio Tasks Inc.
USA.



Nihar Malali
Sr Solutions Architect/
Sr Director
National Life Group
USA.



Mr. Chirag Mavani
Cloud / DevOps &
Cybersecurity
Engineer
DXC Technology
USA.



Hirenkumar Mistry
Sr. Linux
Administrator & Cloud
Engineer
Zenosys
USA.

Session Speakers



**Assoc Prof. Ts. Dr. Aslina
Baharum**
School of Engineering and
Technology
Sunway University
Malaysia.



**Asst Prof. Dr. Eyman F. A.
Elsmany**
Head of Computer Engineering
Department
University of Gezira
Malaysia.



**Prof Dr SVB Subrahmanyeswara
Rao**
Department of Mathematics
Ramachandra College of
Engineering
Vatluru, Eluru
India.

Workshop Speaker



Associate Prof. Dr Nor 'Adha Ab Hamid

Director

Centre of Graduate Studies
Selangor Islamic University
Malaysia

Session Chairs



Dr. Rohit Bansal
Adjunct Faculty
Rockford College, Sydney
Australia



Dr. Gunjan Shuklaa
Principal
SICA College, Indore
India



Mrs. S. Sri Lavanya
Assistant Professor,
Department of Computer Science
Malla Reddy Engineering College for
Women Hyderabad, Indi

Session Chairs



Prof. Sonal Gulati
Faculty of Management
NDIM India



Prof. Michelle M. Cortez, MIT
Institute of Computer Studies
Bulacan Agricultural State College,
Philippines



DR. POOJA M. BHATT
Assistant Professor
Department of Computer Science
Parul Institute of Engineering and
Technology
India

Session Chairs



Dr. MADHURIMADASGUPTA,
HOD, DEPARTMENT OF GENDER STUDIES,
ASHADI WISDOM CAMPUS,
Sri Lanka
&
Post-doctoral fellow,
Abo-Akademi University,
Finland



Dr. Abdul Wahab Samad, S.E., M.M
Director,
PT. Mega Mas Abadi Consultant and Training Jakarta ,
Indonesia

Program Schedule Day 1-Virtual (27/02/2025)

Time zone in Jakarta, Indonesia (GMT+7)

09:00 AM - 09:10 AM	Introduction by Moderator	
9:10 AM - 09:25 AM	Speech By Keynote Speaker Dr. Suha Khanfar	
09:25 AM - 09:40 AM	Speech By Keynote Speaker Assoc Prof. Dr. Mohd Zairul (Zack Zairul) MN	
09:40 AM - 09:55 AM	Speech By Keynote Speaker A/Prof. Dr. Ir. Arwin Datumaya Wahyudi Sumari,	
09:55 AM - 10:10 AM	Speech By Keynote Speaker Dr Munadhil Abdul Muqsith	
10:10 AM - 10:25 AM	Speech By Keynote Speaker Harshit Kohli	
10:25 AM - 10:55 AM	Workshop on Sustainability and inclusive research culture	
10:55 AM - 11:10 AM	Networking Break	
11:10 AM - 11:50 AM	Technical Session 1A	Technical Session 1B
11:50 AM - 12:05 PM	Speech By Session Speaker Assoc Prof. Ts. Dr. Aslina Baharum	Speech By Session Speaker Asst Prof. Dr. Eyman F. A. Elsmay
12:05 PM - 12:20 PM	Speech By Plenary Keynote Speaker Swati Tyagi	Speech By Plenary Keynote Speaker Siddharth Chatwal

Time zone in Jakarta, Indonesia (GMT+7)

12:20 PM - 12:35 PM	Speech By Plenary Keynote Speaker Sai Vishnu Vardhan machapatri	Speech By Plenary Keynote Speaker Siranjeevi Srinivasa Raghavan
12:35 PM - 01:20 PM	Technical Session 2A	Technical Session 2B
01:20 PM - 01:35 PM	Speech By Session Speaker Prof Dr SVB Subrahmanyeswara Rao	Speech By Plenary Keynote Speaker Sanat Talwar
01:35 PM - 01:50 PM	Speech By Plenary Keynote Speaker Karthik Hosavaranchi Puttaraju	Speech By Plenary Keynote Speaker Sita Rama Praveen, Madugula
01:50 PM - 02:05 PM	Speech By Plenary Keynote Speaker Nihar Malali	Speech By Plenary Keynote Speaker Mr. Chirag Mavani
02:05 PM - 02:20 PM	Speech By Plenary Keynote Speaker Hirenkumar Mistry	Speech By Keynote Speaker A/Prof. Dr. Ir. Arwin Datumaya Wahyudi Sumari,
02:20 PM – 03:40 PM	Technical Session 3A	Technical Session 3B
03:40 PM - 03:55 PM	Networking Break	
03:55 PM – 04:00 PM	Valedictory Function	
04:00 PM – 04:05 PM	Vote of Thanks	

Technical Session 1A

Technical Session 1A

Time zone in Jakarta, Indonesia (GMT+7)

<p>11:10 AM – 11:18 AM</p>	<p>Sustainable Assessment Tool for Higher Education Institutions (HEIs) in Malaysia: The Inclusion of Education Criteria Presentation by Farhana Mohd Zaini</p>
<p>11:18 AM - 11:26 AM</p>	<p>GENERALIZING P-NUMERICAL RADIUS INEQUALITIES FOR HILBERT SPACE OPERATORS Presentation by Raja'a Al-Naimi</p>
<p>11:26 AM - 11:34 AM</p>	<p>Conceptual Framework of the Predictive Student Relationship Management System Using Business Intelligence Concepts to Enhance Undergraduate Student Retention Presentation by Atchima Manthon</p>
<p>11:34 AM - 11:42 AM</p>	<p>Conceptual Framework of Design Thinking Engineering Learning on Cloud Ecosystem Model to Enhance Digital Intelligence for Undergraduate Student Presentation by Pattra Suansokchuak</p>
<p>11:42 AM - 11:50 AM</p>	<p>A Study of Strategies for Utilizing Production Waste From Processing Olah Plastic in Bandung City Presentation by Nora Hafildah</p>

Technical Session 1B

Technical Session 1B

Time zone in Jakarta, Indonesia (GMT+7)

11:10 AM – 11:18 AM	Exploring the Potential of Textile Waste as Sustainable Material Through Upcycling Approaches Presentation by Muhammad Ridwan Aliah
11:18 AM - 11:26 AM	MONGOLIAN LANGUAGE AS A SECOND LANGUAGE IN AN ONLINE CLASSROOM Presentation by Luvsandorj Dolgorjav
11:26 AM - 11:34 AM	The impact of language proficiency and other factors on students' academic performance: (In case of the Accounting study of NUM) Presentation by Avimed
11:34 AM - 11:42 AM	Causal and Consequential Factors Associated with Academic Success of Undergraduate Students Presentation by Naksit Sakdapat
11:42 AM - 11:50 AM	The Role of Virtual Reality Technologies in the Experiences of Museum Professionals Presentation by Dr Mutlu Erbay

Technical Session 2A

Technical Session 2A

Time zone in Jakarta, Indonesia (GMT+7)

<p>12:35 PM – 12:43 PM</p>	<p>OPPORTUNITIES TO INCREASE THE VOCABULARY OF FOREIGN LANGUAGE LEARNERS USING WEB-BASED TECHNOLOGY Presentation by Bigermaa Ragchaa</p>
<p>12:43 PM – 12:51 PM</p>	<p>RESEARCH ON THE FACTORS AFFECTING THE TEACHING PROFESSION AS A CAREER CHOICE Presentation by BulganErdene Khurelchuluun</p>
<p>12:51 PM – 12:59 PM</p>	<p>PROFESSIONAL DEVELOPMENT IMPACT ON TECHNICAL AND VOCATIONAL EDUCATION AND TRAINING (TVET) TEACHERS: A FOCUS ON ACTIVE LEARNING STRATEGIES Presentation by Enkjjargal</p>
<p>12:59 PM – 01:07 PM</p>	<p>ASSESSING LEARNING OUTCOMES OF ENGLISH FOR SPECIFIC PURPOSES AT THE MONGOLIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY Presentation by Bolormaa</p>
<p>01:09 PM - 01:15 PM</p>	<p>CHINA'S SOFT POWER PERCEPTION OF MONGOLIAN HIGH SCHOOL STUDENTS WITH CHINESE LANGUAGE CURRICULUM Presentation by ARJUNAA IKHAGVAJAV</p>

Technical Session 2B

Technical Session 2B

Time zone in Jakarta, Indonesia (GMT+7)

12:35 PM – 12:43 PM	SCHOLARLY TRENDS AND EMERGING THEMES IN ONLINE DISPUTE RESOLUTION: A BIBLIOMETRIC ANALYSIS Presentation by NOR ADHA AB HAMID
12:43 PM – 12:51 PM	Programmable and Flexible Stimulator for Neuromuscular FES Presentation by Muhammad Azmi Mustafa Bin Abdul Halim
12:51 PM – 12:59 PM	Improvised Fuzzy Logic Controller using Feedforward, Feedback Offset, and Proportional Integral for Knee Extension Rehabilitation with Nonlinearities Influences. Presentation by Saharul Arof
12:59 PM – 01:07 PM	The Rise and the End of Civil Movement in Mongolia: 2004-2008 Presentation by Tuul Selenge
01:09 PM - 01:15 PM	DISCOURSE ANALYSIS ON MILITARY COMMAND LANGUAGE Presentation by Alimaa

Technical Session 3A

Technical Session 3A

Time zone in Jakarta, Indonesia (GMT+7)

02:20 PM – 02:28 PM	Real-Time Active Subdomain Takeover Detection for Cloud-Native Gaming Platforms Presentation by Sanat Talwar
02:28 PM – 02:36 PM	Determination of cocoa quality using the Mumford-Shah functional algorithm and image segmentation Presentation by Eduardo Arturo Guillen Bazan
02:36 PM – 02:44 PM	Analysis of an inverted horseshoe-shaped hydraulic power sink using Autodesk CFD and an experimental model Presentation by Martín Józef Araujo Carmona
02:44 PM – 02:52 PM	Influence of the Center of Gravity Methodology on the Optimization of a Logistics Distribution Network Presentation by Astrid Chabeli Vereau Benites
02:52 PM – 03:00 PM	Accuracy analysis with Zycotherm additive to improve the physical-mechanical properties of the asphalt layer in clayey soils Presentation by Jeremy Mel Garcia Bazan
03:00 PM – 03:08 PM	Precipitation generation for different return times using the RAIN4PE and PISCOp v2.1 gridded products in the Supe River basin Presentation by Rengifo-Arevalo Jhon Filips

Technical Session 3A

Time zone in Jakarta, Indonesia (GMT+7)

<p>03:08 PM – 03:16 PM</p>	<p>Leveraging IoT and AI for Efficient Forest Fire Detection, Monitoring, and Risk Prediction with Real-Time Alerts Presentation by Bhupalam Likhitha</p>
<p>03:16 PM – 03:24 PM</p>	<p>Multitude effect of Aluminium Sulfate-doped TiO₂ passivation photoelectrode for performance enhancement of dye-sensitized solar cells, DSSCs Presentation by A M Shahrul</p>
<p>03:24 PM – 03:32 PM</p>	<p>MgSO₄-doped-additive TiO₂ Nanoparticle: Co-active Procedure Towards Realizing an Improved Passivated Photoelectrode of Dye-sensitized Solar Cells Presentation by A.A. Khan</p>
<p>03:32 PM – 03:40 PM</p>	<p>Comprehensive Approach for the Detection of Autism Spectrum Disorder Presentation by Harshitha G P</p>

Technical Session 3B

Technical Session 3B

Time zone in Jakarta, Indonesia (GMT+7)

<p>02:20 PM – 02:28 PM</p>	<p>Study of the design of an H-shaped hydraulic energy dissipator by CFD simulations and experimental tests Presentation by Maria Fernanda Ventocilla Ortiz</p>
<p>02:28 PM – 02:36 PM</p>	<p>Comparative study of flow tests and CFD simulations in a hydraulic energy dissipator with gear geometry Presentation by Alexis Renato Briones Reyes</p>
<p>02:36 PM – 02:44 PM</p>	<p>Monitoring of carbon monoxide (CO) with Sentinel-5P satellite images for the province of Arequipa Presentation by Danna Jamila Vera Ortega</p>
<p>02:44 PM – 02:52 PM</p>	<p>Dynamic Subdomain Risk Scoring and Mitigation Framework for Supply Chain Organizations Presentation by Aakarsh Mavi</p>
<p>02:52 PM – 03:00 PM</p>	<p>QUANTUM COMPUTING ACCELERATES DIJKSTRA'S ALGORITHM FOR OPTIMAL PATH SOLUTIONS Presentation by Raghavendra Prasad Yelisetty</p>
<p>03:00 PM – 03:08 PM</p>	<p>IOT And ML For Air Pollution Monitoring With Real Time Data And Prediction Of Health Advisory Presentation by Nagella Rakshitha</p>

Technical Session 3B

Time zone in Jakarta, Indonesia (GMT+7)

<p>03:08 PM – 03:16 PM</p>	<p>Impact of artificial intelligence on journalism in enhancing reporting amid challenges in Jammu & Kashmir Presentation by Harjinder Singh</p>
<p>03:16 PM – 03:24 PM</p>	<p>Enhancing Agricultural Efficiency Through Electrification: The Role of Agri EVs in Modern Farming Presentation by Thrisha G</p>
<p>03:24 PM – 03:32 PM</p>	<p>Artificial Intelligence in University Students: Analyzing ChatGPT’s Academic Engagement and Usage Frequency Presentation by Siti Kausar Zakaria</p>
<p>03:32 PM – 03:40 PM</p>	<p>Public Narrative of Climate Change Adaptation Policy in Indonesia: Multimodal Critical Discourse Analysis of TikTok Content Presentation by Ema</p>