

CONFERENCE REPORT

2ND INTERNATIONAL CONFERENCE ON SCIENCE, ENGINEERING AND MANAGEMENT(ICSEM-2021)

26th & 27th August 2021

Sri Lanka

Organized by

Institute for Engineering Research and Publication
(IFERP)

Co-hosted by

Faculty of Psychology, University of Pancasila, Indonesia



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1. EVENT SUMMARY

Conference Name: 2nd International Conference on Science, Engineering and Management (ICSEM-2021)

Date: 26th & 27th August 2021

Organized by: Institute for Engineering Research and Publication

Co Host by: Faculty of Psychology, University of Pancasila, Indonesia

Mode: Virtual Conference

1.1 OVERVIEW

2nd International Conference on Science, Engineering and Management (ICSEM-2021) was took place on the 26th and 27th of August, 2021 organized by Institute for Engineering Research and Publication (IFERP). ICSEM will offer researchers, delegates and scholars an incredible chance to interact with each other and share their experience and knowledge of technology application.

The goal of 2nd International Conference on Science, Engineering and Management (ICSEM-2021) conference was to provide a stage for researchers and practitioners from academia and business to deal with state-of-the-art advancement in their respective fields.

ICSEM offer participants to interact with industry experts on the recent challenges in scientific research and associated areas. Leading researchers will share their incredible research findings and tools that they use to achieve better results. This international conference on multidisciplinary research and education is bound to generate a number of new ideas and experiences that participants, irrespective of who they are (Experienced scientists, seasoned professionals or young scholars at the early stages of their careers) can derive and make use of in some form of another, towards the advancement of their careers. For those looking to spread awareness of their incredible research findings and other work, they also got the chance to present their papers and articles.

1.2 CONFERENCE THEME

The 2nd International Conference on Science, Engineering and Management (ICSEM-2021) themed about the distinct distinguished consequences and different hurdles in the fields of engineering, science and Management. This convention seeks to draw together executives, researchers, scholars, and academics in all areas of engineering, business management, science and technology, to provide a global platform for the distribution of significant investigative results, distinguished approaches, and developmental applicability that focus on both modern methods and innovative approaches.

This convention focused on strikingly advanced conditions in the distinguished developments of engineering, science and management and was foreseen to attract renowned experts from these specialties as well as lesser known domains too. This conference support participants and attendees in contemplating their proficiency to sharpen their abilities and improve their strategies using innovative approaches by interlacing with their associates and equals. Participants will likewise be allowed to connect with experts and prominent lecturers and share popular ideas and research outcomes with them.

1.3 OBJECTIVE OF THE CONFERENCE

The 2nd International Conference on Science, Engineering and Management(ICSEM-2021) revolves around bringing engineering, Science, and management research areas synchronically on an individual platform. This conference will draw collectively research fellowships from diverse fields in unitedness, to share their research findings and latest ideas. The main intention of this conference was to integrate interdisciplinary inquiry to deliver the best applications.

ICSEM Conference helps participants sharpen their skills and refine their ideas as well as approaches by meeting with their peers and counterparts. They also had the chance to meet experts and high-level delegates, along with share ideas and research findings from past and present. Participants build new networks to meet different personalities and learn about the latest tools available.

The International Conference on Science, Engineering and Management, one of the most meticulous specialist conferences of its kind in the academic world, has been specially devised to present technological and additional assistance to intensify investigation and innovative enterprises, disseminating ground-breaking experimental outcomes, as well as innovative magazines/papers.

2. ABOUT IFERP

Institute For Engineering Research and Publication (IFERP) is one of the world's largest non-profitable professional associations meant for research development and promotion in the field of Engineering and Technology. We are a platform to promote the advancement and dissemination of the knowledge of Engineering & Technology.

IFERP is a professional association and a forum where innovations & research interest could be supported and developed prioritizing our mutual interest. Our forums & Associates constitute professional leaders & organizations, connecting each other with mission to work as wizards of science for defending the earth.

IFERP provides a world class platform for Scientists, Researchers, Academicians, Business figures by organizing conferences and publishing research articles. IFERP Conferences bring together the professional wizards and leaders who have explored all avenues to reinforce the field of Applied Science, Engineering and Technology.

3. ABOUT CO-HOST

Faculty of Psychology, University of Pancasila, Indonesia

The Psychology Study Program of Pancasila University has been held since 2006. The establishment of this faculty was initiated by Dr. Edie Toet Hendratno, SH., M.Si as Chancellor of Pancasila University at that time, Dr. Silverius Y. Soeharso, SE., MM., Psi who later became the Dean of the Faculty of Psychology UP and Prof.Dr. Sarlito W. Sarwono as professor of Psychology. The establishment of the Psychology Study Program is a response to the community's need for quality services for the psychology profession with national

and international standards in strengthening its role in the industrial, government, community, and education sectors in Indonesia.

Currently, the Faculty of Psychology has one undergraduate study program (S1). The accreditation status of the Faculty of Psychology is Accredited “A” in accordance with the Decree of BAN PT Number 4616/SK/BAN-PT/Akred/S/XI/2019 which is valid until November 20, 2024. Currently, it has the support of 16 permanent lecturers with S2 and S3 degrees as well as 15 education staff with a total of 497 students in the 2018/2019 Even Semester.

4. INAUGURAL PROGRAMME

The day of the conference started with welcoming all the participants, dignitaries and special guest for the conference followed by introduction of session chair for the technical sessions.

4.1 WELCOMING AND OPENING CEREMONY

Welcoming Keynote Speakers of the 2nd International Conference on Science, Engineering and Management (ICSEM-2021)

4.2 KEYNOTE SPEAKERS



Dr. Robert Eberhart, Ph.D.
Associate Director of Research on
Entrepreneurship and Society
Stanford University, California.



Dr.P.C.Srikanth
Professor and HOD
Department of ECE,
Malnad College of Engineering,
Hassan, Karnataka, India



Dr. Devi Kausar Phd, CHE
Associate Professor and Dean of Faculty
of Tourism,
Universitas Pancasila,
Indonesia



Dr. Silverius Y. Soeharso, SE., MM., Psikolog
Dean, Faculty of Psychology
Universitas Pancasila, Jakarta-Indonesia



Dr. Abhay Kumar
Vice Chancellor
Pratap University,
Jaipur, India.

Followed by the welcoming our chief guest of the 2nd International Conference on Science, Engineering and Management (ICSEM-2021)

4.3 SESSION CHAIR



Dr. Dev Kumar Rai
Associate Professor
Electronics and Communication Department,
Sage University, Indore, India

4.4 KEYNOTE AND TUTORIAL SPEECHES



Dr. Robert Eberhart, Ph.D.

Associate Director of Research on Entrepreneurship
and Society

Stanford University, California.

Biography:

Dr. Robert Eberhart, Ph.D. is an Associate Director of Research on Entrepreneurship and Society at Stanford University, California.

Robert Eberhart led research at Stanford's Project on Japanese Entrepreneurship (STAJE) from 2013 to 2016 that he founded with Prof. William Miller. During his tenure, STAJE became a prominent of research forum for work examining Japanese entrepreneurship and its lessons for entrepreneurship research in Silicon Valley and the world.

Robert Eberhart joined the Leavey School of Business in the Fall of 2013 as an Assistant Professor of Management. Professor Eberhart came to Santa Clara from Stanford University, where he spent the last five years as a research scholar directing research on Japanese entrepreneurship. He also has an appointment as a visiting Professor at Kobe University, and is a Research Associate at Columbia University's Center for Japanese Economy and Business. He is also an Editorial Board Member of Organization Science from 2016 to Present.

From 2020, He is acting as an Associate Director of Research on Entrepreneurship and Society at Stanford University, California. Directing a research initiative on how entrepreneurship is changing the world around us.



Keynote Speech about: Entrepreneurship and Innovation: An Ideology that drives the acceptance of Inequality.



Dr.P.C.Srikanth
Professor and HOD
Department of ECE,
Malnad College of Engineering,
Hassan, Karnataka, India

Biography:

P. C. SRIKANTH Presently working as a Professor and Head Dept. of ECE, Malnad College of Engineering, Hassan, Karnataka, India. Dr. P. C. SRIKANTH completed his M.Tech. Degree in 1996 from Indian Institute of Technology, Kanpur in the area of LASERS, and obtained his Ph.D. from VTU Belgaum . He worked in the applied photonic lab IISc, Bangalore during his PhD. Starting as a Lecturer 1987, he became Assistant Professor In 1999, Professor in 2011 in Malnad College of Engineering, Hassan, Karnataka, India.

Dr. P. C. SRIKANTH had a deep involvement in Optical networks, was awarded as TOP 100 ENGINEERS-2011 by International Biographical Centre, St Thomas' Place, ELY, CB7 4GG Great Britain. He was Selected for Marquis Who's Who in Science and Engineering 2011-2012 (11th Edition), and also in 2016-2017 (12th Edition) New Providence, NJ 07974, USA . He has Guided/guiding more than 100 BE , M.tech and PhD students. Dr. P. C. SRIKANTH has so far published more than 100 papers in national and international journals and conferences. He has attended many international conferences in India and Abroad and has chaired many technical sessions. He has organized many international conferences and workshops. Awards and laurels won by Dr. P. C. SRIKANTH run into volumes. So far he has received 12 awards. Dr. P. C. SRIKANTH is Senior Member IEEE (USA), Life Member ISTE, Currently he is secretary IEEE Photonic society, Karnataka Chapter Bangalore.



Keynote Speech about: Quantum Concepts and Applications



Dr. Devi Kausar Phd, CHE
Associate Professor and Dean of Faculty of Tourism,
Universitas Pancasila, Indonesia

Biography:

Devi Roza K. Kausar, Associate Professor, Dean, Faculty of Tourism, Universitas Pancasila, Jakarta Completed Doctor of Philosophy in International Development, Graduate School of International Development, Nagoya University – Nagoya, Japan. In 2019 : Expert Team for the Development of Model and Strategy for Higher Education Institutions under the Ministry of Tourism. In 2020 : UNESCO Heritage Expert for Reviewing Integrated Tourism Master Plan Borobudur Yogyakarta Prambanan (ITMP BYP). In 2021 : Expert Team for the Development of Borobudur Temple Compound World Heritage Site Management Plan under the Directorate General of Culture, Ministry of Education and Culture. Published many papers in reputed national and international journal also published many book chapters. Reviewer in many reputed journals and delivered keynote talk in International and national conference.



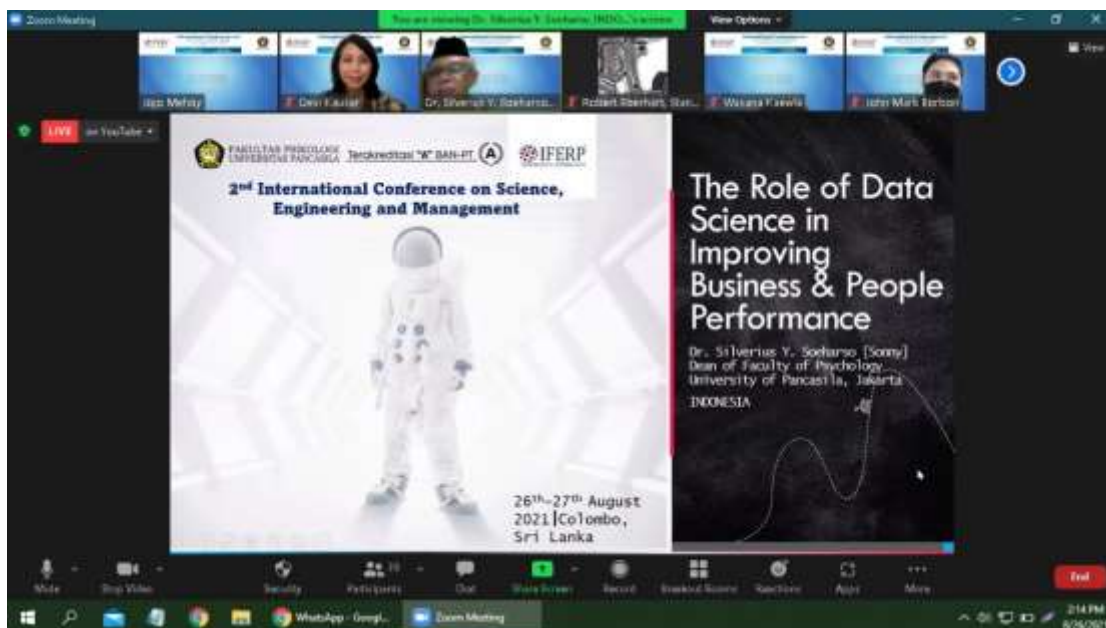
Keynote Speech about: Exploring our own backyard and managing a seamless tourists experience with technology: opportunities in the time of pandemic.



Dr. Silverius Y. Soeharso,SE.,MM.,Psikolog
Dean, Faculty of Psychology
Universitas Pancasila, Jakarta-Indonesia

Biography:

DR.SILVERIUS Y.SOEHARSO, S.E.,M.M., psychologist, Dean of the Faculty of Psychology, Pancasila University, Jakarta. Special Staff of the Minister of Environment & Forestry. University of Indonesia (UI), Jakarta Doctoral (S3) Psychology (Specialization in Business Psychology, Industry & Organization and Industrial Relations). He was acted as a Managing Director PKPT Consulting Faculty of Psychology UP, Jakarta from 2006-2015 And Deputy for Control & Evaluation of the Presidential Work Unit – Pancasila Ideology Development from 2017-2018. Then acted as Expert Consultant for PMO Project UMi PT BAKTI Kominfo from 2018-2020.Presently DR.SILVERIUS Y.SOEHARSO is a Dean of the Faculty of Psychology, Pancasila University, Jakarta.



Keynote Speech about: The Role of Data Science in Improving Business & People Performance



Dr. Abhay Kumar

Vice Chancellor
Pratap University,
Jaipur, India.

Biography:

Prof Abhay Kumar, Vice-Chancellor, Pratap University, has more than 39 years of experience in the field of education. He has been an entrepreneur for 3 years and worked in the industry for over 16 years as Senior Manager- Personnel. He acquired his PhD from the Department of Business Management, HNB Garhwal University, Srinagar Garhwal and completed his MBA from Motilal Nehru Institute of Research and Business Administration, the University of Allahabad. Prof Kumar has a keen interest in the field of Marketing Management; Strategy being his forte and he has more than 20 years of experience in teaching and research. He is the author of several research papers and has also been the Keynote speaker/Chief Guest at a number of Conferences and Seminars. Prof Kumar is a member of numerous bodies related to higher education and is on the Boards of Management and Advisory Boards of many institutes and universities.



5. NATIONAL ADVISORY COMMITTEE

A A L Madhushani

Senior Lecturer, Department of Sport Science and Physical Education, Sabaragamuwa University, Sri Lanka

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Professor, Department of Mechanical Engineering, South Eastern University of Sri Lanka, Sri Lanka

Achala Pallegedara

Senior Lecturer, University of Peradeniya Sri Lanka, Sri Lanka

Achini Ranaweera

Senior Lecturer, Department of Textile and Apparel Engineering, University of Moratuwa, Sri Lanka

Ahilan Kanagasundaram

Senior Lecturer, Machine Learning Researcher, University of Jaffna, Sri Lanka

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Issam Saleh Jalham

Professor, Department of Industrial Engineering, University of Jordan, Amman, Jordan

Konstantinos Syriopoulos

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Nor Ashidi bin Mat Isa

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Professor, Department of Mechanical Engineering, Presidency University, Karnataka, India

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Professor & Head, Department of CSE, Raj Kumar Goel Institute of Technology, Ghaziabad, Uttar Pradesh, India

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Professor, Department of Mechanical Engineering, REVA University, Karnataka, India

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Md. Kamrujjaman

Associate Professor, Department of Mathematics, University of Dhaka, Dhaka, Bangladesh

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Professor, Faculty of Computer Science & Information Technology, University of Malaya, Kuala Lumpur, Malaysia

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Madurai, India

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Dr. Thaweesak Chooma

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Iwan Handoyo Putro

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Abu Talha

Financial Analyst, Eclerx Service Ltd, Mumbai, India

Dr. Kirti Sanjay Dorshetwar

Assistant Professor, Department of Science & Engineering, Indian Institute of Information Technology, Nagpur, Maharashtra, India

M.Chitty Babu

Freelancer, Education and Blockchain technology consultant, India

7. TECHNICAL SESSION

The Drone Based Hyperspectral Imaging System for Precision Agriculture

Presentation by Chan Yee Kit

Emerging Expanded opportunities for education school: Case Study of the Mechanic Teams: Voice from Remote School through Internationalization

Presentation by Phrapanyawachiramoli

A Two-Stage Adaptive Method for Estimating Large Covariance and Precision Matrices

Presentation by Rajanikanth Rajendran

Health promotion program for Hypertension and Diabetes Mellitus Patients

Presentation by Prasak Santiparp

Impact Assessment on the DOST Small Enterprise Technology Upgrading Program (SETUP) – assisted MSMEs in Central Luzon using Analytic Hierarchy Process (AHP) Model

Presentation by Michael John S. Rivera

Examination and Determination of Partial Discharge Source using Gaussian Naive Bayes (GNB) Technique.

Presentation by Kajol Chaudhari-BPP

Array Based Spatial Processing Receiver for A Smart Antenna System

Presentation by Rakesh Sinha

Impact of Meat Processing Program of the School of International Hospitality Management on Its Beneficiaries

Presentation by John Mark S. Borbon

Electrical Modelling of Neuron System for Deep Brain Stimulation Microelectrode

Presentation by Neeraj Tripathi-BP

Developing Thai Reading Skills for Primary School students by Tailoring Them to each Learner Using Machine Learning Technique

Presentation by Asst.Prof.Dr.Prapai Sridama

The Role of Self-Esteem towards Aggressiveness on Emerging Adulthood After A Breakup

Presentation by Aisyah

Reading Comprehension on a Laptop, a Cellphone, and Paper: Which One is Better ?

Presentation by Andi Tenri Faradiba

Perception of the Concept of Death in School-Age Children through Audiovisual Media (Specific on Disney Animated Films)

Presentation by M. Ramadhana R

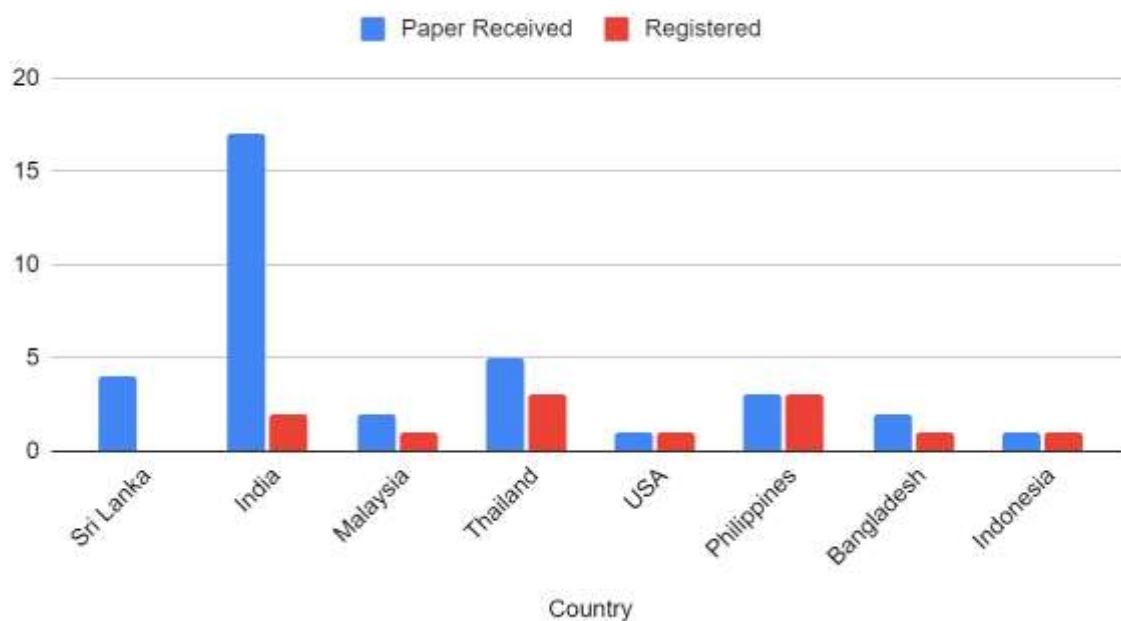
High School Students' Achievement Motivation And Academic Procrastination During Pandemic

Presentation by Anindya Dewi Paramita

8. SURVEY ANALYSIS

Country	Paper Accepted	Registered
Sri Lanka	4	0
India	17	2
Malaysia	2	1
Thailand	5	3
USA	1	1
Philippines	3	3
Bangladesh	2	1
Indonesia	1	1

Paper Received and Registered



9. VALEDICTORY

In the Valedictory best paper and best paper Presentation of 2nd International Conference on Science, Engineering and Management (ICSEM-2021) was announced

Best Paper Award

Paper Title	Author name
Electrical Modelling of Neuron System for Deep Brain Stimulation Microelectrode	Neeraj Tripathi, Vipan Kakkar

Best Paper Presentation Award

Paper Title	Author name
Examination and Determination of Partial Discharge Source using Gaussian Naive Bayes (GNB) Technique.	Kajol Chaudhari, Akhilesh Mishra, Priyanka Kothoke, Yogesh Chaudhari

10. FEEDBACK

1. Overall, how was the CONFERENCE ? :9 Star
2. After the event, how inspired did you feel ? :9 Star
3. Would you recommend a similar event to a friend? :Yes-definitely

4. The Speakers

Evaluate presenters on how they met the criteria below

Speaker 1:- Dr. Abhay Kumar)

Interesting and entertaining :Definitely

Relevant to you :Mostly

Inspiring :Mostly

Speaker 2:- (Dr.P.C.Srikanth)

Interesting and entertaining :Definitely

Relevant to you :Mostly

Inspiring :Definitely

Speaker 3:- (Dr. Robert Eberhart)

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Speaker 4:- (Dr. Devi Kausar)

Interesting and entertaining :Mostly

Relevant to you :Definitely

Inspiring :Mostly

Speaker 5:- (Dr. Silverius Y. Soeharso)

Interesting and entertaining :Definitely

Relevant to you :Definitely

Inspiring :Definitely

Email :priyankakothoke250390@gmail.com

Message :Conference was very good

1. Overall, how was the CONFERENCE ? :9 Star
2. After the event, how inspired did you feel ? :9 Star
3. Would you recommend a similar event to a friend? :Yes-definitely

4. The Speakers

Evaluate presenters on how they met the criteria below

Speaker 1:- Dr. Abhay Kumar)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 2:- (Dr.P.C.Srikanth)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 3:- (Dr. Robert Eberhart)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 4:- (Dr. Devi Kausar)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 5:- (Dr. Silverius Y. Soeharso)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Email :johndmarkborbon@gmail.com

1. Overall, how was the CONFERENCE ? :8 Star
2. After the event, how inspired did you feel ? :9 Star
3. Would you recommend a similar event to a friend? :Yes-definitely

4. The Speakers

Evaluate presenters on how they met the criteria below

Speaker 1:- Dr. Abhay Kumar)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 2:- (Dr.P.C.Srikanth)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 3:- (Dr. Robert Eberhart)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 4:- (Dr. Devi Kausar)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 5:- (Dr. Silverius Y. Soeharso)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Email :tiamzon_ellen@yahoo.com

Message :Hope for the next conference to be face to face already.

1. Overall, how was the CONFERENCE ? :8 Star
2. After the event, how inspired did you feel ? :8 Star
3. Would you recommend a similar event to a friend? :Yes-definitely

4. The Speakers

Evaluate presenters on how they met the criteria below

Speaker 1:- Dr. Abhay Kumar)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 2:- (Dr.P.C.Srikanth)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 3:- (Dr. Robert Eberhart)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 4:- (Dr. Devi Kausar)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 5:- (Dr. Silverius Y. Soeharso)

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Email :rrajendran@abac.edu

Message :This was well organized conference and looking forward to participate in future as well.

11. VOTE OF THANKS:

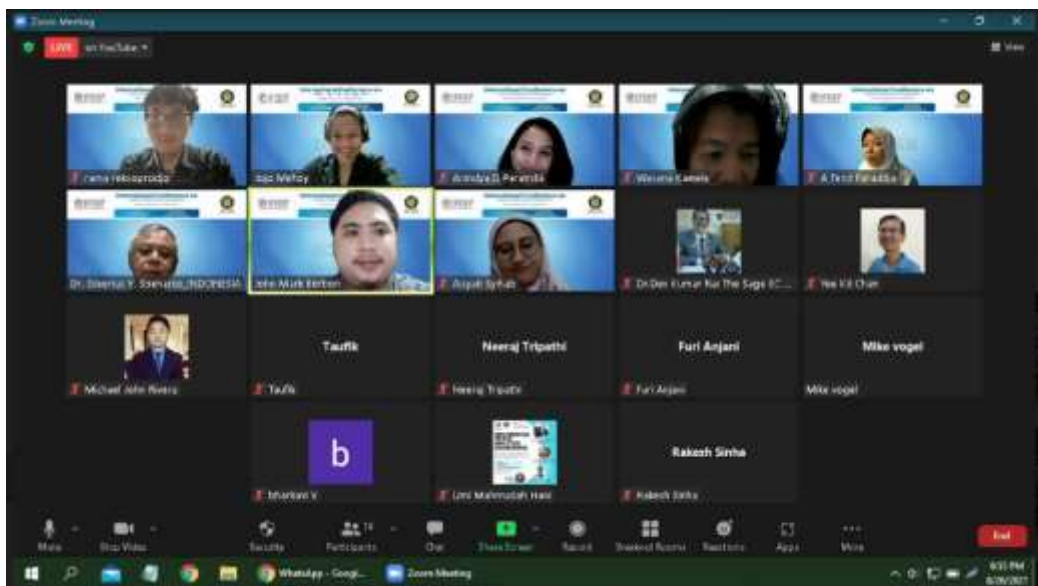
2nd International Conference on Science, Engineering and Management (ICSEM-2021) successfully hosted its premiere ICSEM virtually on 26th and 27th August 2021. The conference was organized with a focus on Science, Engineering and Management” and it was a great success where eminent keynote speakers from various universities addressed the gathering.

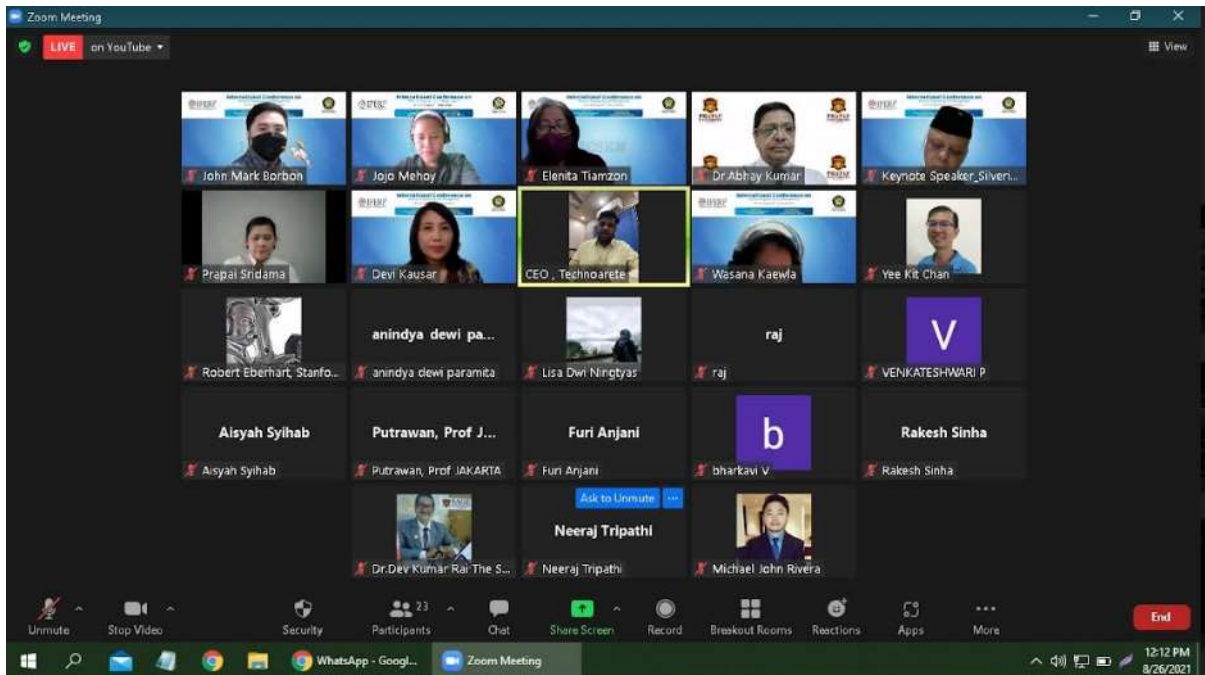
The generous response and active participation of the Organizing Committee Members. we take the opportunity to thank all the speakers, delegates and participants for providing their valuable support and time for ICSEM 2021.

Organizing Committee would like to thank the Moderator of the conference, and who contributed a lot for the smooth functioning of this event.

Congratulates the Best Paper, Best paper Presentation awardees for their outstanding performance in the field of Science, Engineering and Management and appreciates all the participants who put their efforts in poster presentations & Young Researchers form and sincerely wishes them success in future endeavours. We would like to thank the Faculty of Psychology, University of Pancasila, Indonesia for acting as a co-host for the conference. We will meet you in another grant success conference. Thank you all.

12. CONFERENCE GLIMPSES





Zoom Meeting | You are viewing Prasak Santiparp's screen | View Options

LIVE on YouTube

IFERP **ICSEM**

Health Promotion Program
Based on Appreciative Critical
Reflection for Hypertension and
Diabetes Mellitus Patients

1)Prasak Santiparp
2)zakpeace7052@gmail.com

Participants: Wasana Kaewla, Jojo Mehoy, John Mark Borbon, Prasak Santiparp

4:34 PM 9/26/2021

Zoom Meeting | You are viewing Yee Kit Chan's screen | View Options

LIVE on YouTube

2nd International Conference on Science,
Engineering and Management (ICSEM-2021)

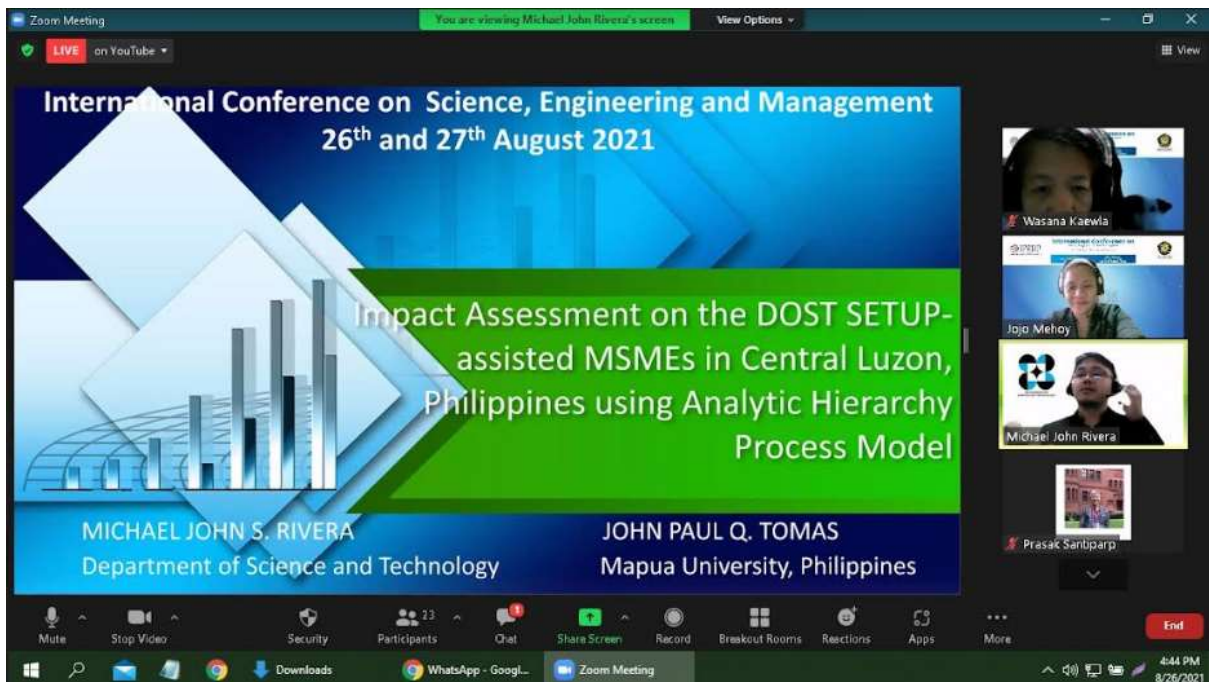
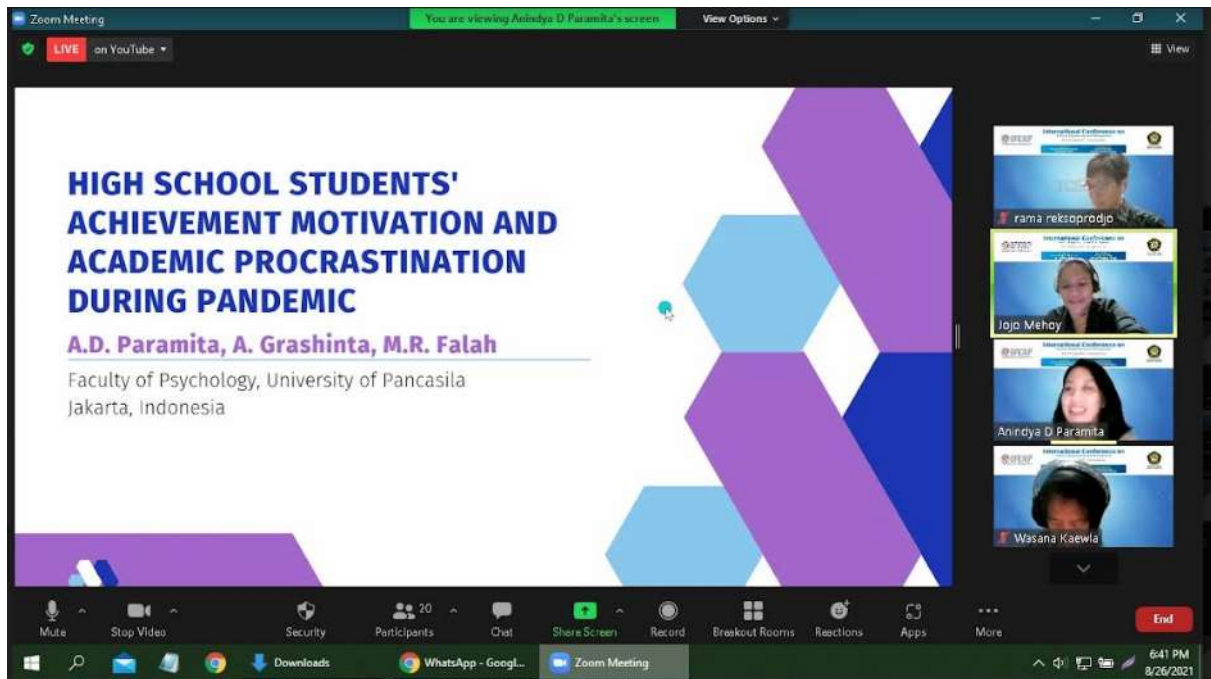
MMU
MULTIMEDIA UNIVERSITY

The Development of Drone Based
Hyperspectral Imaging System for Precision
Agriculture

Yee-Kit CHAN, PhD, PEng, PTech
Associate Professor, Faculty of Engineering & Technology,
Multimedia University

Participants: John Mark Borbon, Jojo Mehoy, Wasana Kaewla, Yee Kit Chan

3:51 PM 9/26/2021





13. CONCLUSION SUMMARY

ICSEM 2021 was a success event organized by IFERP amid the COVID19 with a collective effort from co-host organization, committee members and all participants. This event provided a learning experience to all and shape ourselves to near future. We would like to conclude with Thank you to all.

OUR ASSOCIATES





**2nd International Conference on
Science, Engineering and
Management**

ICSEM-2021

**26th - 27th
August 2021**

ORGANIZED BY
INSTITUTE FOR ENGINEERING RESEARCH AND PUBLICATION (IFERP)
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FACULTY OF PSYCHOLOGY, UNIVERSITY OF PANCASILA

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