



CONFERENCE REPORT



9th International Conference on Recent Challenges in Engineering and Technology (ICRCET-21)



20th November 2021

Organized by

Institute for Engineering and Research and Publication



Co-Host by

Udayana University

Universitas Mercu Buana



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1.EVENT SUMMARY

Conference Name : 9th International Conference on Recent Challenges in Engineering and Technology (ICRCET-21)

Date:20th November 2021

Conference Theme: To spur unique discoveries in terms of countering conventional challenges faced in everyday engineering activities and technologies.

Organization: Institute for Engineering Research and Publication (IFERP).

Co-host: Udayana University and Universitas Mercu Buana

Model Place: Virtual Conference

Number of Delegates: 34 Delegates

1.1 OVERVIEW

9th International Conference on Recent Challenges in Engineering and Technology (ICRCET-21) held on the 20th November , 2021. Which is Organized by Institute for Engineering Research and Publication (IFERP) and co-host by Udayana University and Universitas Mercu Buana.

Participated to this conference represented a way of inter-personal and inter-institutional communication based on research themes specific to Recent challenges in Engineering and Technology, Management studies, education domain but also to the connection domains, having implications focused on the improvement of the qualitative level of the academic environment reflected in the direction of scientific research, science, Engineering and Technology.

The conference represented an occasion of international interest that is addressed to the Engineering and Technology, but also to the professionals from connection domains who, by their contributions may provide a multidisciplinary communication framework.

Call For Paper

Engineering and Technology

Management Studies

Applied science

Education and Technology

1.2 CONFERENCE THEME

The theme of this conference revolves around brought engineering, technology, and management research areas synchronically on an indivisible platform. This conference would draw collectively research fellowships from diverse fields in unitedness, to share their research findings and latest ideas. The main intention of this conference is to integrate interdisciplinary inquiry to deliver the best applications.

Attended this remarkable event would help participants sharpened their skills and refine their ideas as well as approached by meet with their peers and counterparts. They would also had the chance to had meeting experts and high-level delegates, along with shared ideas and research findings from past and present. Participants could build new networks to meet different personalities and learned about the latest tools available.

This conference served as a unique confluence of networking, entertainment, learning, and in one ensemble. This event would required you to developed and challenged the participants with their ideas and proposals. The most promising research studies will be issued in highly reputable journals and publications. existence of life on our planet.

2.ABOUT THE CONFERENCE

One of the primary motived of the 9th International Conference On Recent Challanges In Engineering and Technology (ICRCET-21) have been held in Bali, Indonesia on the 20th November 2021 is to spur unique discoveries in terms of countering conventional challenges faced in everyday engineering activities and technologies. Technology is progressing at a very fast pace, which country is weighing heavily on the earth's bounty of natural resources and causing serious damage to environment. The price for this large-scale and mass expansion in all forms of daily life is being paid for in the form of climate change. Today, dangerous pollution levels and global environmental degradation endangers the very existence of life on our planet.

The 9th International Conference on the Recent Challenges in Enginnering and Technology (ICRCET-21), scheduled to took place on the 20th November 2021, in the beautiful city of Bali, Indonesia is an international platform for all sorts of researchers and scholars,practitioners and academicians, students and scientists, to discuss interdisciplinary research and training in engineering and technology

This Conference is also intended for researchers, decision-makers,educators,senior-managers,practitioners,and others, to serve as a comprehensive platform to present and discuss the latest discoveries, drifts and interests, as well as practical difficulties and resolutions in sectprs such as engineering and technology.

3. CONFERENCE SCOPE

We create a platform for sharing knowledge, collaboration, and relationship building by bringing students, research scholars, together and encourage delegates to work together to achieve better health outcomes by establishing a unique public health networks.

- Reseach scholars
- Industry Professionals (Ceos, CMOs, Vice-presidents, Directos, Gms)
- Delegates
- Editorial Borad Members of Journals
- Faculty
- MBA/Msc. Students
- Technology Experts
- Alumni's
- Educators
- practitioners(Brand Specialists, Head of Marketing)
- Stakeholders
- Innovators
- Phd Scholars
- Government Officals
- Students

As a result, many Keynote, Technical Sessions have been prepared in accordance with conference scope to discuss the Challenges, Opportunities and Problems of Application in various fields.

4.INAUGURAL PROGRAMME

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

4.1 WELCOMING AND OPENING CEREMONY

Welcoming Keynote Speakers of the 9th International Conference on Recent Challenges in Engineering and Technology (ICRCET-21)

KEYNOTE SPEAKERS



Prof. Moshe Vardi
Professor at Rice University
Bellaire, Texas, United States



Professor Marwan Al-Akaidi
Chair SPC
IEEE UK & Republic of Ireland



Dr. Eng. Deni Shidqi Khaerudini
Senior Research Fellow Research Center for Physics National
Research and Innovation Agency (BRIN),
Puspiptek Serpong, South Tangerang, Banten Indonesia



Prof. Ir Made Sukrawa, MSCE, Ph.D.
Civil Eng. Dep., Faculty of Engineering,
Udayana University

Followed by the welcoming our chief guest of the 9th International Conference on Recent Challenges Engineering and Technology. (ICRCET-21)

GUEST OF HONOUR



Dr. Mawardi Amin,
Dean of Faculty of Engineering ,
Universitas Mercu Buana
West Jakarta,
Indonesia



Dra. Ni Luh Watiniasih, M.Sc., Ph.D
Dean of the Faculty of Mathematics and
Natural Sciences,
Udayana University,
Indonesia.

Session Chair



Professor. I.DEWA GEDE ARY
SUBAGIA, ST.,MT.,PHD
Mechanical Engineering, Faculty of
Engineering
Udayana University.



Dr. Himani Mittal (B. Tech., M. Tech., Ph.D.)
Associate Professor
Dept. of Electronics and Communication Engineering,
Raj Kumar Goel Institute of Technology
Ghaziabad, India,

4.2 OPENING SESSION CONFERENCE PROCEEDING

On behalf of the organizing committee, we released the proceedings book on the conference day





Prof. Moshe Vardi
Professor at Rice University
Bellaire, Texas, United States

Keynote Speech about: Why we are not ready ? COVID -19 breakthrough in Economic , political and etc .

Biography:

Moshe Y. Vardi is University Professor and the George Distinguished Service Professor in Computational Engineering at Rice University. He is the recipient of several awards, including the ACM SIGACT Goedel Prize, the ACM Kanellakis Award, the ACM SIGMOD Codd Award, the Blaise Pascal Medal, the IEEE Computer Society Goode Award, and the EATCS Distinguished Achievements Award. He is the author and co-author of over 650 papers, as well as two books. He is a fellow of several societies, and a member of several academies, including the US National Academy of Engineering and National Academy of Science. He holds seven honorary doctorates. He is a Senior Editor of the Communications of the ACM, the premier publication in computing.

The screenshot shows a Zoom meeting interface. At the top, a status bar reads "You are viewing Moshe Vardi's screen" and "View Options". The main slide has a yellow border and is titled "COVID-19: Economic Crisis". Below the title, there is a quote: "♦ WaPo, 11/25/'20: '26 million now say they don't have enough to eat, as the pandemic worsens and holidays near.'" Below the text is an aerial photograph of a massive traffic jam on a multi-lane highway, with hundreds of cars packed closely together. In the bottom right corner of the Zoom window, there is a small video feed of Prof. Moshe Vardi wearing a headset.



Professor Marwan Al-Akaidi
Chair SPC
IEEE UK & Republic of Ireland

Keynote Speech about: Next generation Technology

Biography:

Experienced Vice President For Academic Affairs with a demonstrated history of working in the education management industry. Skilled in Analytical Skills, Lecturing, Leadership, Data Analysis, and Strategic Planning. Strong education professional with a Doctor of Philosophy (PhD) focused in Optical and Communication Engineering from Loughborough University



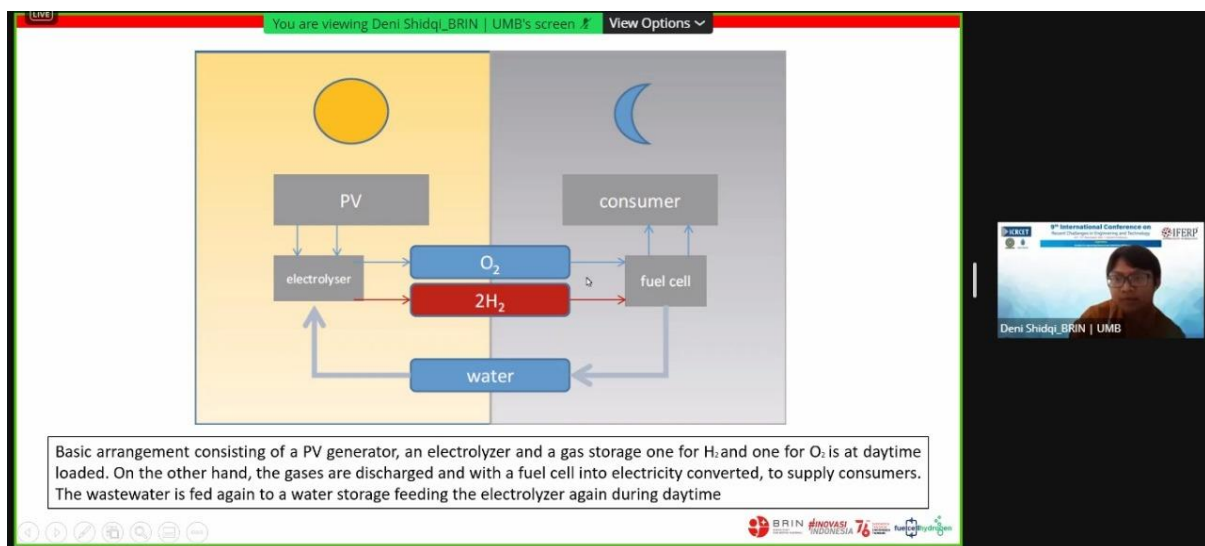


Dr. Eng. Deni Shidqi Khaerudini

Senior Research Fellow Research Center for Physics National Research and Innovation Agency (BRIN),
Puspiptek Serpong, South Tangerang, Banten Indonesia

Keynote Speech about: The role of hydrogen and fuel energy cells in the global energy system

Biography: Dr. Deni is a Senior Research Scientist at Research Center for Physics (RCP), Institute of Engineering Sciences, National Research and Innovation Agency (BRIN), Indonesia. He has also been a faculty member at the Department of Mechanical Engineering, Universitas Mercu Buana, since 2017 to present. He received his Dr. Eng. in Energy Conversion Engineering, specifically on solid oxide fuel cells, from Hirosaki University, Japan in 2016. He received various awards including the 2015 doctorate student research excellence award from the President of Hirosaki University. Dr. Deni has 14 patents, 1 licensed (commercialized) patent, 1 trademark, 1 industrial design, and has published over 70 scientific papers with an h-index of 10 with more than 300 citations.





Prof. Ir Made Sukrawa, MSCE, Ph.D.
Civil Eng. Dep., Faculty of Engineering,
Udayana University

About the keynote: SEISMIC RISK OF INFILLED FRAME BUILDING DESIGNED AS OPEN FRAME

Biography: Made Sukrawa, Ph.D. Is professor of structural engineering at Civil Engineering department at Faculty of Engineering-Udayana University since 1987. He hold master and Ph.D degree from Michigan State University (1994 and 2000). Besides teaching, he is also active as independent consultant for structural engineering and construction. His research interests are: Structural Modelling, Seismic Retrofitting, Infilled Frame and Confined Masonry structures

The screenshot shows a presentation slide with a blue header containing the word "Abstract". The main text discusses the seismic risk of infilled frame buildings designed as open frames. It highlights that many residential and hotel buildings of low and medium rise were built with RC frames with brick walls between the frames. When subjected to seismic load, the frame and the infill wall act together to form a composite infilled frame which is stronger and stiffer than the addition of strength and stiffness of both components. Unfortunately, most building codes do not include this type of structure. Consequently, some engineers are not well informed on the analysis and design method of such structure and therefore, they neglect the contribution of the infill wall – for the sake of Simplification. Some tests and past earthquake experiences showed that the contribution of infill wall are significant and need to be considered in the analysis, especially when the wall distribution is irregular, to prevent the unexpected behavior of the structure that may lead to catastrophe. To cover the above mentioned issues, two cases of infilled frame buildings were analyzed as Open Frame and as Infilled Frame to compare their strength, stiffness and performance under increased seismic load. The details will be elaborated in the following presentation.

At the bottom of the slide, it says "Made Sukrawa - University of Udayana".








On the right side of the slide, there is a small video inset showing Prof. Made Sukrawa speaking. The video inset has a name tag that says "made sukrawa".



5. CONFERENCE ORGANIZING COMMITTEE MEMBERS

NATIONAL ADVISORY COMMITTEE MEMBERS

	<p>Senior Lecturer Islamic State University of Maulana Malik Ibrahim, Malang Department of Physics Malang East java Indonesia</p>
	<p>Deputy-Dean Udayana University Student Affairs and Information Badung,Bali Indonesia</p>
	<p>SEVENPRI CANDRA Associate Professor Bina Nusantara (BINUS) University BINUS @Bekasi Campus INDONESIA</p>
	<p>Dr. Eng. Deni Shidqi Khaerudini Senior Research Fellow National Research and Innovation Agency (BRIN) Research Center for Physics South Tangerang, Banten Indonesia</p>
	<p>DR. Halim Dwi Putra Lecturer politeknik negeri bengkalis r Business and Professional Communication Study Program Bengkalis,INDONESIA</p>
	<p>Dr.Dewi Syahidah RESEARCHER Institute for Marine Research Aquaculture and Fisheries Extension (IMRAFE). Pathology laboratory Bali,Indonesia</p>
	<p>Tanti Octavia Associate Professor & Head Petra Christian University Engineer Profession Education Department Surabaya, East Java Indonesia</p>
	<p>AGUNG KRISTANTO, Ph.D. Assistant Professor Universitas Ahmad Dahlan, Industrial Engineering Department, Yogyakarta Indonesia</p>

International Advisory Committee Members

	<p>Dr. Himani Mittal Associate Professor Raj Kumar Goel Institute Of Technology Department Electronics and Communication Engineering Ghaziabad, Uttar Pradesh India</p>
	<p>DR. INTAKHAB ALAM KHAN Associate Professor King Abdulaziz University Faculty of Applied Studies Jeddah SAUDI ARABIA,</p>
	<p>Pramuka Weerasinghe Lecturer University of Peradeniya Department Computer Science Kandy Srilanka</p>
	<p>Abdel Monaim Fakhry Kamel Mohamed Faculty Mansoura University Department of Statistics and Accounting Materials Mansoura Egypt</p>
	<p>Dr. Wesam Ayada Associate Professor Bani Suief University Faculty of applied arts Bani Suief Egypt</p>
	<p>Nomita Gupta RESEARCHER La Trobe University Robotics Melbourne Australia</p>
	<p>Dr. Sangita Babu Associate Professor & Head King Khalid University Department Computer Science Abha Saudi Arabia</p>

	Bisma Jamil Makhdoom Clinical Psychologist Department of Psychiatry & Behavioral Sciences Department of Psychiatry & Behavioral Sciences Rahim yar khan Pakistan
	M. Divya Lecturer DMI- St. John the Baptist University Commerce & Management Mangochi Malawi

6. SCIENTIFIC PROGRAM

Session	Topic
Technical Session I	Engineering and Technology
Technical Session II (A)	Engineering and Technology
Technical Session II (B)	Engineering and Technology

TECHNICAL SESSION I

Introducing the “Karawitan” Traditional Musical Instrument through Android-Based Virtual Reality

Presentation by Hindayati Mustafidah

Reliability Evaluation of a Belt Conveyor System using CAS Mathematica

Presentation by Thirumalai selvam

Tailored Manufacture of Chitosan-Based Composite Membranes With Silver Nanoparticles (AgNP) Fillers: Preparation, Characterization, and Antibacterial Agent

Presentation by Ni Nyoman Rupiasih

Increasing power supply reliability of the distributed generation network

Presentation by 'Aidar Ententeev

Histogram Orientation Gradient for Offline Signature Verification via Multiple Classifiers

Presentation by Fadi Alsuhiemat

Evaluation of Information System Security Readiness Level at BAKAMLA Using the KAMI Index based on ISO 27001:2013

Presentation by Peik Sugiarto

Topical issues of diagnostics of the technical condition during the operation of turbine and pumping equipment of pumped storage power plants in Russia

Presentation by Yarda Nikolai Andreevich

TECHNICAL SESSION II (A)

A Comparison of Different Feature-Based Template Matching Techniques

Presentation by zeinab Halalmeh

The Effect Of Service Quality And User Satisfaction On User Loyalty Of Information And Communication Technology In Lapan

Presentation by Igif G Prihanto

Software Quality Management Practices in Software Projects: A Systematic Literature Review

Presentation by Fari Qodri Andana

Lessons Learned from COVID-19 Impact: Construction Contracts and Future Strategies

Presentation by Andualem Endris Yadeta

The Use Of Aluminum And Coconut Shell Waste For Hydrogen Production

Presentation by Dr.Cecep E Rustana

Synthesis of Silicon Carbide Powder from Silicon and Activated Carbon through Mechanical Milling and Heat Treatment

Presentation by Muzakkiy Putra M. Akhir

: A Novel method of EEG data acquisition, SVM and ELM feature extraction and feature space creation for detection of the Seizure Classification.

Presentation by Vedavati Bhandari

Effect of Morphology and Percentage of Second Phase Content of Coconut Coir on the Impact Strength of Epoxy Resin Composites

Presentation by Muhamad Fitri

The Effect Of Naoh Catalyst On Hydrogen Production Produced Through The Electrolysis Process Of Seawater From Mangrove Area

Presentation by Dr.Cecep E Rustana

TECHNICAL SESSION II (B)

Characterization of Produced Water from Petroleum Hydrocarbons Terminal

Presentation by Norhidayu binti Abd Razak

Qualitative Research: Significance of Health Management Information System in Government Hospitals of Tamil Nadu, India

Presentation by M. Saravanapriya

Microprocessor Interfacing: Bidirectional Motor, Automata Vehicular Locomotion

Presentation by Donabel D. Abuan

Designing Intelligent Control System for Wheeled Robot Car for Handling COVID 19

Presentation by Wayan Widhiada

Technique Mixed Enzymatic Virgin Coconut Oil And Ethanol Extract Of Lemongrass Improving Antioxidant And Ester Content

Presentation by Ni Made Suaniti

Mapping MSME's Performance In Brebes Regency Using A Combination Method of Technometric and SCOR

Presentation by Dominica Btari Widita

Investigation of effect of mixing and inhibition towards stability of semi batch dry anaerobic reactor treating manure with straw

Presentation by 'Weerasooriya.D.P.

Development of single-board computer based self-driving car model using CNN-controlled RC car

Presentation by Muhammad Shafly Hamzah

Text to Braille conversion for real time teaching (Grade III Braille)

Presentation by Purvang Patel

Removal of textile waste dye agent by photodegradation catalyzed by Iron oxide intercalated bentonite

Presentation by Iryanti E Suprihatin

Rapid Bathymetry Detection with Sentinel Application Platform (SNAP) Using Sentinel Imagery 2A

Presentation by Kuncoro Teguh Setiawan

Risk Management Of Substation Construction Project Using Failure And Mode Effect Analysis On Pt Xyz

Presentation by Andrew Amadeus

Performance Modification Of Scada System Design For The Geothermal Power Plant 3 Mw Kamojang - Indonesia

Presentation by Junanto Prihantoro

The Effect of Utilizing Cisco IT Essentials on Learning Outcomes in Computer

Presentation by Ihsanulfu'ad Suwandi

The Effect of Clay Coating on Electrodes in Seawater Electrolysis Process to Produce Environmentally Friendly Hydrogen Energy

Presentation by Dr.Cecep E Rustana

A Distributed Forward Aware Factor Based Greedy Routing Through Stateless Routing protocol for Wireless Sensor Network towards employing Homomorphic Energy based Encryption

Presentation by Parthasaradhi Mayasala

Mitigating Security Concerns of Big Data Storage Using Intelligent Elliptic Curve Cryptography Algorithm in Multi-Cloud Environment

Presentation by V. L. Padma Latha

Role of Computational Intelligence Techniques in Diagnosing Alzheimer's disease at Early Stages: A Systematic Literature Review

Presentation by K Ranga swamy

Session I of ICR CET-21 Conference consist of 7 presentations in which the presentation which attracted all is listed below



Author name : Hindayati Mustafidah

Title : Introducing the “Karawitan” Traditional Musical Instrument through Android-Based Virtual Reality

Abstract: Karawitan is one of the legendary traditional musical instruments in Indonesia. It is unfortunate, based on a survey conducted, it turns out that many people, especially millennials, do not know this type of musical instrument. Therefore, an android-based application was built using virtual reality (VR) technology to introduce it further. Virtual reality works by manipulating the human brain to seem as if feeling virtual things feels like real things. This application is developed using Unity 5.6 software with C# programming language. The musical instruments introduced are saron, bonang, gender, drum, siter, gong ageng, gong kempul, and flute. In addition to images of musical instruments, the application is equipped with the sound of each musical instrument introduced. Application users can interact directly with traditional tools originating from Central Java in virtual objects that resemble real objects. The main urgency with the development of this VR technology application is to introduce several kinds of musical instruments with an attractive presentation and produce an android application that can provide insightful knowledge to the Indonesian people in particular and the world community in general. In addition, this research is also an effort to preserve traditional Indonesian musical instruments, namely "karawitan," which has begun to be abandoned by millennial society and as a medium for promoting Indonesian arts and culture to foreign countries.

Keywords: Android, application, karawitan, traditional musical instruments, virtual reality.



HIGHLIGHTS OF TECHNICAL SESSION II(A)

Session II(A) of ICR CET-21 Conference consist of 9 presentations in which the presentation which attracted all is listed below

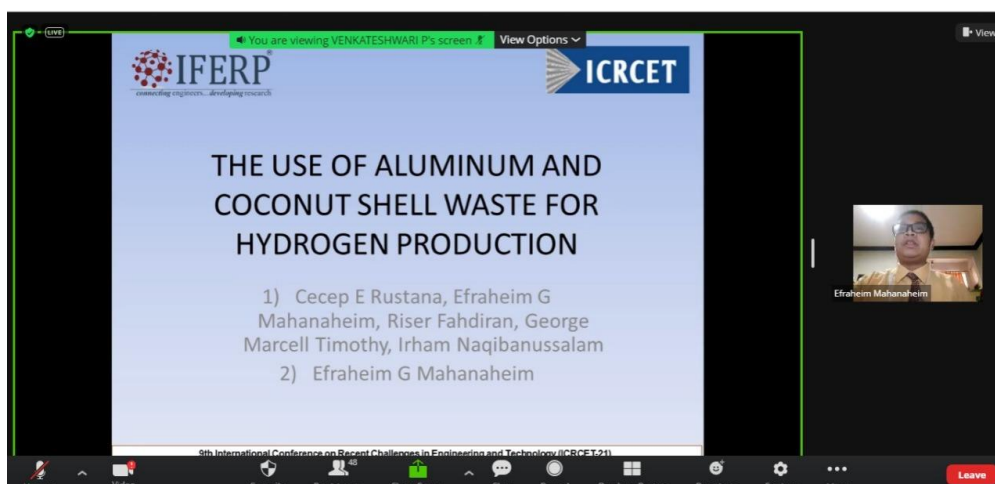


Author name : Dr.Cecep E Rustana

Tittle : The Use Of Aluminium And Coconut Shell Waste For Hydrogen Production

Abstract: Renewable energy applications should be prioritized in order to implement clean and environmentally friendly energy, one of which is hydrogen gas. Hydrogen gas production can be obtained through metal hydrolysis process, using specifically, aluminum cans waste, which would help the effort of aluminum waste recycling. The waste recycling effort is also carried out by adding organic waste like coconut shells. Both of these materials were used in this research for hydrogen gas production. This study aims to analyze the effect of the differences in the composition ratio of aluminum and NaOH solution mass, and the effect of activated carbon catalysts presence to hydrogen production. The method used in this study is experimentation, where the data is obtained, processed and then analyzed by using statistic's descriptive techniques to determine the effectiveness of hydrogen production. The results showed that the optimal ratio of aluminum and NaOH solution mass of 1:5 (Al 16.67% w.t), and the additional of activated carbon catalysts can affect the increase on hydrogen production (volume, rate, and yield), even in the condition of room temperature and pressure. These results provide the opportunity to utilize domestic waste recycling approach in producing hydrogen as a source of clean energy for the environment.

Index Terms— activated carbon, hydrogen gas, metal hydrolysis, renewable energy



Session II(B) of ICRCET-21 Conference consist of 18 presentations in which the presentation which attracted all is listed below



Author name: Muhammad Shafly Hamzah

Title: Development of single-board computer based self-driving car model using CNN-controlled RC car

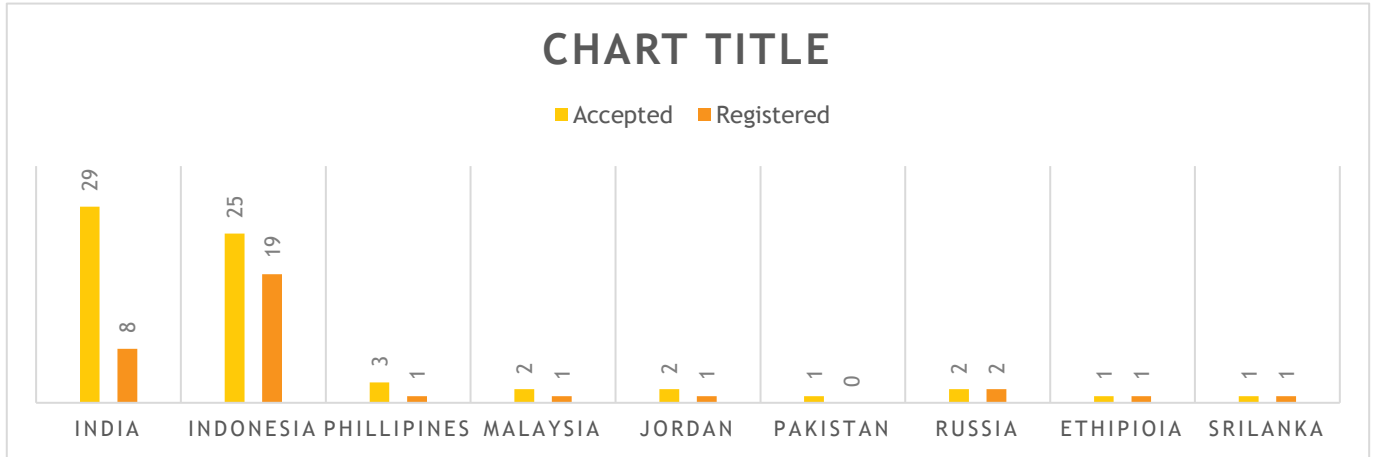
Abstract— One of the critical stages in developing an autonomous car is to test the AI controller model using an autonomous car prototype. However, the actual size prototype cars are quite expensive and may be dangerous if the fault in controlling action has occurred. Therefore, this research aims to prototype a small-scale autonomous car using an RC car with a single-board computer. We built the AI by using the convolutional neural network (CNN) method. The camera images were used as sensor input (training step), and the steering wheel angle and the car's speed as output. The first stage of this method is to collect training data carried out by recording images, steering angles, and car speed when the car is running on its track. The amount of data taken is 3000, 6000, 12000, and 24000 data. Another step is to perform deep learning training to the model, which has variations in convolution layers as 2, 3, 4, and 5. The next stage is testing the prediction of steering angle and car speed from image data using the trained model with lighting and the colour of the obstacles varied. The test found that the model with 24000 data and three convolution layers produced the slightest absolute prediction error at 0.18257.

Index Terms—Self-driving Car, Jetson Nano, Deep Learning, Convolutional Neural Network.



7.SURVEY ANALYSIS

PAPER REGISTERED BASED ON THE COUNTRY



Country	Accepted papers	Registered
Indonesia	25	19
Philippines	3	1
India	29	8 1(listener)
Malaysia	2	1
Jordan	2	1
Pakistan	1	Nil
Russia	2	2
Ethiopia	1	1
Sri Lanka	1	1
Egypt	1	1
Total	67	36

8.VALIDICTORY

In the Valedictory best paper and best paper Presentation of 9th International Conference on Recent Challenges in Engineering and Technology (ICRCET-21) was announced.

BEST PAPER AWARD

Paper ID	Paper Tittle	Author
ICRCET-21_24031	THE USE OF ALUMINUM AND COCONUT SHELL WASTE FOR HYDROGEN PRODUCTION	DR.Cecep E Rustana

BEST PRESENTATION AWARD

Paper ID	Paper Tittle	Author
ICRCET-21_30412	Development of single-board computer based self-driving car model using CNN-controlled RC car	Muhammad Shafly Hamzah

Congratulations!

Dr. Cecep E Rustana

Senior Lecturer
Islamic State University of Maulana Malik Ibrahim
Indonesia

for being awarded with the
**BEST RESEARCH
PAPER AWARD**

Title: The Use Of Aluminum And Coconut Shell
Waste For Hydrogen Production



Congratulations!

Muhammad Shafly Hamzah

Technical Engineer,
Padjadjaran Technology Co. Ltd.,
Indonesia

for being awarded with the
**BEST PAPER
PRESENTATION AWARD**

Title: Development of single-board computer based
self-driving car model using CNN-controlled RC car



FEED BACK

Name :VEDAVATI BHANDARI

Email :vedavatibh@gmail.com

Contact Number :9901680883

University Name :Mangalore University

Designation :Reserch Scholar

Country :India

What is your overall evaluation of the conference ? :Satisfactory

Comments :More than Satisfactory

What is your rating of the overall effectiveness of the presentations and speakers you heard ? :More than satisfactory

Comments :More than Satisfactore

What is your over all evaluation of the conference organization ? :Yes-definitely

Comments :More Satisfactory

What aspects of the conference were of more value to you ? :PRESENATING SKILLS FOR THE UPCOMING CONFERENCE

What aspects of the conference were of least value to you ? :TIME DURATION

Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :more valuable informative session

1. Overall, how was the Conference ? :7 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:- Prof. Moshe Vardi

Interesting and entertaining :Mostly

Relevant to you :Somewhat

Inspiring :Mostly

Speaker 2 :- Professor Marwan Al-Akaidi

Interesting and entertaining :Mostly

Relevant to you :Mostly

Inspiring :Mostly

Speaker 3 :- Dr. Eng. Deni Shidqi Khaerudini

Interesting and entertaining :Mostly

Relevant to you :Definitely

Inspiring :Mostly

Speaker 4 :- Prof. Ir Made Sukrawa, MSCE, Ph.D

Interesting and entertaining :Somewhat

Relevant to you :Somewhat

Inspiring :Somewhat

Name :M. Saravanapriya

Email :saravanapriya.m@hit.edu.in

Contact Number :09003976759

University Name :Hindustan Institute of Technology

Designation :Assistant Professor

Country :India

What is your overall evaluation of the conference ? :Satisfactory

Comments :Conference coordinator has to remind the time for every participant

What is your rating of the overall effectiveness of the presentations and speakers you heard ? :No-Never

Comments :Share the screen option is not utilised properly, so unsynchronized

What is your over all evaluation of the conference organization ? :No-Never

Comments :Conference coordinator and Chairperson have to control the session.

What aspects of the conference were of more value to you ? :Keynote speakers speeches

What aspects of the conference were of least value to you ? :Taking more time for presentation by participants

Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most va

Developments in management concepts

Overall Organization :Good

Conference Registrations :Very Good

Speaker Quality :Good

How did you first learn about the conference ? :Through Google

Name :Junanto Prihantoro

Email :junanto.prihantoro@bppt.go.id

Contact Number :085640907445

University Name :-

Designation :-

Country :Indonesia

What is your overall evaluation of the conference ? :Satisfactory

Comments :Overall ok

What is your rating of the overall effectiveness of the presentations and speakers you heard ? :No-Never

Comments :Overall is not good because my presentation time is changed...not on time

What is your over all evaluation of the conference organization ? :No-Never

Comments :Next time make equal between schedule and the day when presentation begin

What aspects of the conference were of more value to you ? :Presentation in the same knowledge with me

What aspects of the conference were of least value to you ? :Another presentation that beside my expertise

Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :I think the conference topic is good

Overall Organization :Good

Conference Registrations :Good

Speaker Quality :Good

How did you first learn about the conference ? :I learn to make paper when study master program in University of Indonesia

Name :Ni Made Suaniti

Email :madesuaniti@unud.ac.id

Contact Number :081236815916

University Name :Universitas Udayana

Designation :Chemistry

Country :Indonesia

What is your overall evaluation of the conference ? :Yes-definitely

Comments :Sciences and Technology

What is your rating of the overall effectiveness of the presentations and speakers you heard ? :More than satisfactory

Comments :add insight into friends' research as knowledge development

What is your over all evaluation of the conference organization ? :Yes-definitely

Comments :fast response and information

What aspects of the conference were of more value to you ? :various sciences can complement each other

What aspects of the conference were of least value to you ? :technology

Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :Energy and biomarker analysis

Overall Organization :Very Good

Conference Registrations :Very Good

Speaker Quality :Very Good

How did you first learn about the conference ? :My Friend

Name :Muhamad Fitri
Email :muhamadfitri@mercubuana.ac.id
Contact Number :081266023970
University Name :University of Mercu Buana
Designation :Head of Mechanical Engineering Department
Country :Indonesia
What is your overall evaluation of the conference ? :Satisfactory
Comments :the time allotted is too little, only 10 minutes, and it causes most speakers are using more time than allotted
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :No-Never
Comments :time arrangement need to be improved
What is your overall evaluation of the conference organization ? :No-Never
Comments :- It's better to divide technical session into 2 or 3 groups to prevent the length of presentation too long until night
What aspects of the conference were of more value to you ? :the aspect of the participants, where the participants are from many countries so that I can learn to understand what they are saying even with different pronunciations
What aspects of the conference were of least value to you ? :the presentation topic aspect, because the topic is too diverse, it's better in the presentation time, divided into some group, based on the topic field, for example, the field of mechanical engineering with industrial engineering could be one group etc.
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :Next Topics: Nano Material, speaker: Alfian Noviyanto
Overall Organization :Good
Conference Registrations :Very Good
Speaker Quality :Good
How did you first learn about the conference ? :good

Name :George Marcell Timothy
Email :georgemarcell99@gmail.com
Contact Number :+6285772444624
University Name :State University of Jakarta
Designation :College student
Country :Indonesia
What is your overall evaluation of the conference ? :Satisfactory
Comments :I'm satisfied with overall of the conference
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :No-Never
Comments :Please add timer when the presentation was started for making the presentations more effectiveness
What is your overall evaluation of the conference organization ? :No-Never
Comments :It's quite satisfied for me
What aspects of the conference were of more value to you ? :Presented my paper at the International conference and will publish my paper in scopus indexed journal
What aspects of the conference were of least value to you ? :None
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :Topics for future conferences I suggest : Renewable Energy Development in Engineering Speakers for future I suggest : Dr.Deni Shidqi Khaerudini
Overall Organization :Fair
Conference Registrations :Good
Speaker Quality :Very Good
How did you first learn about the conference ? :From my thesis supervisor

Name :Fadi Alsuhimat
Email :karaklove@yahoo.com
Contact Number :00962796771279
University Name :UNISZA
Designation :PhD student
Country :Jordan
What is your overall evaluation of the conference ? :Satisfactory
Comments :The conference was good
What is your rating of the overall effectiveness of the presentations and speakers you heard ? :No-Never
Comments :The presentations and speakers were good
What is your overall evaluation of the conference organization ? :Yes-definitely
Comments :Very good
What aspects of the conference were of more value to you ? :All Presentation sessions
What aspects of the conference were of least value to you ? :nothing, all sessions were valuable to me
Please list suggestions for topics and speakers for future conferences. We are interested in the issues you are facing or the presentations you would find most valuable. :I think you have to rely on students from different countries to be conference speakers or organizers because they can talk about their research work and the issues they face during research work and how they solve them, I think this session will be more value for all participants.
Overall Organization :Very Good
Conference Registrations :Very Good
Speaker Quality :Good
How did you first learn about the conference ? :by Email

VOTE OF THANKS

Vote of Thanks for delivered by Team Manager Miss. Venkateswari

Vote of thanks

Conference successfully hosted its premiere 9th International conference on recent challenges in Engineering and Technology at Bali, Indonesia 20th November 2021. The conference was organized with a focus on Engineering and Technology 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 and Editorial Board members of 9th ICRCET-21, we take the opportunity to thank all the speakers, delegates and participants for providing their valuable support and time for 9th ICRCET-21.

congratulates the Best Paper and Best Paper Presentation awardees for their outstanding performance in the field of their department 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 session chair

1 Professor. I.DEWA GEDE ARY SUBAGIA, ST., MT.,PHD

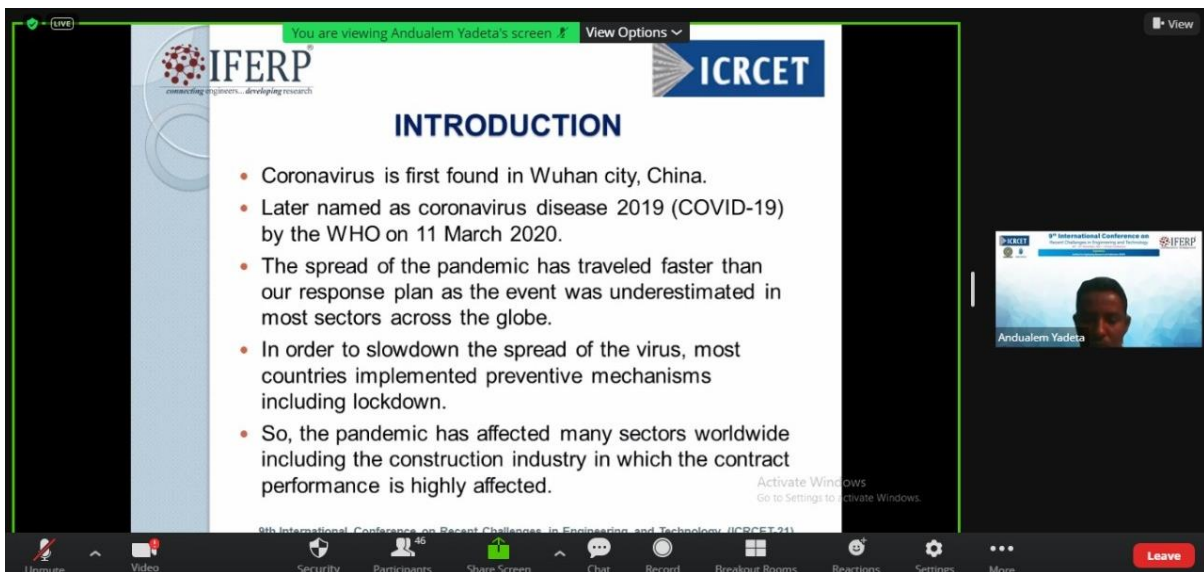
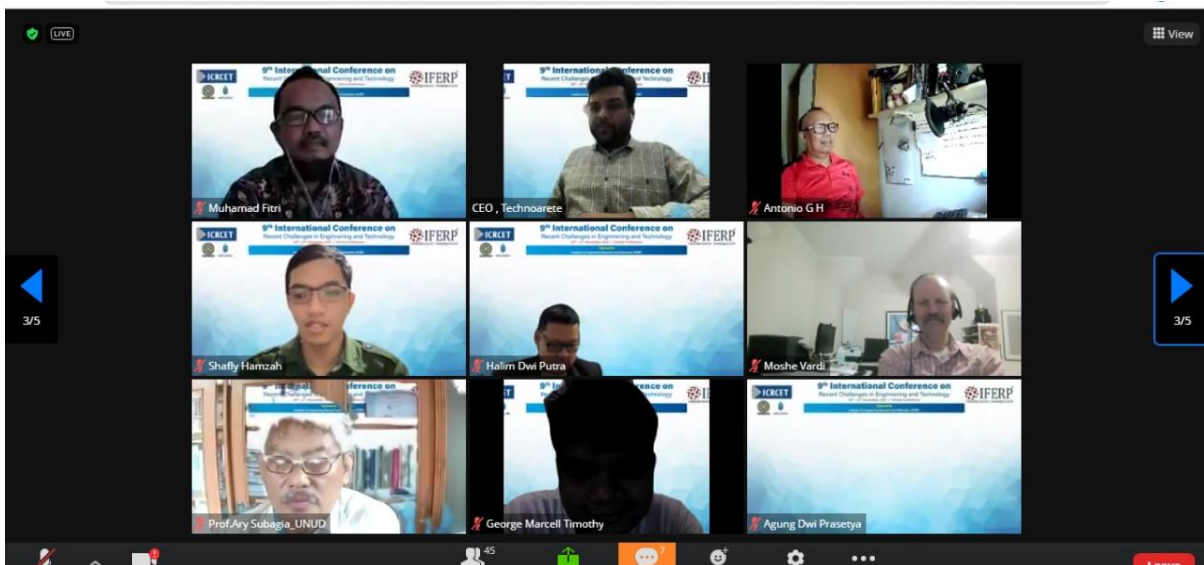
2. Dr. Himani Mittal (B. Tech., M. Tech., Ph.D.) for their value judgment.

All the papers presented at the ICRCET-21 will be published in the proceedings and Journals

On behalf of IFERP I heartily thank all the delegates and students who have contributed to the conference success. Thank you all for

participating in our conference. Stay tuned with us for more updates regarding the IFERP conferences

CONFERENCE GLIMPSES

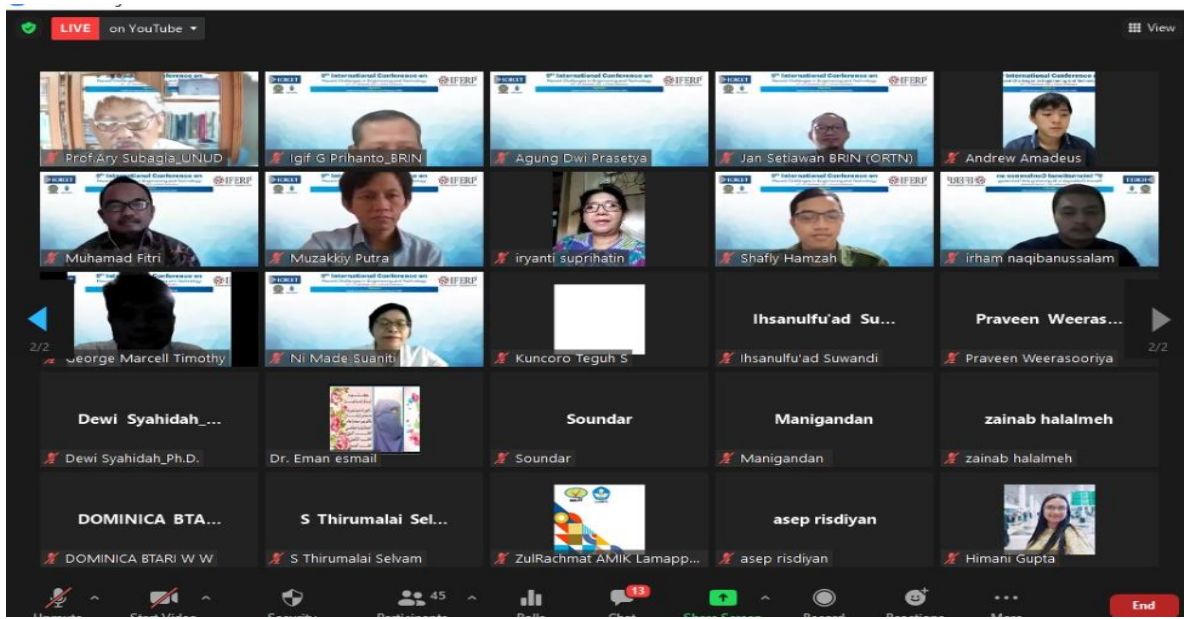






ICRCET 9th International Conference on Recent Challenges in Engineering and Technology
 20th - 21st November, 2021 | Virtual Conference
 Organized by Institute For Engineering Research and Publication (IFERP)

ABSTRACT

This paper intends to establish an automaton capable of serial communication and performing basic vehicular locomotion as means of enhancing applications over various fields not limited to: (1) uses in environments hazardous towards personnel, or (2) serve as a baseline for control systems acting as a safety net for correcting erroneous human input, like adjusting motor actuators when the user is recklessly driving. Using a programming block to provide instructions on the two motors, the automaton is test fitted with instructions to perform vehicular movement.




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Development of single-board computer-based self-driving car model using CNN-controlled RC car


Muhammad Shafly Hamzah, Nurfauzi Fadillah, Dwindra W. Maulana,
I Made Joni, Camellia Panatarani, and Ferry Faizal



Video Security Participants 40 Share Screen Chat Record Breakout Rooms Reactions Settings More

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LIVE on YouTube



Mute Stop Video Security Participants 45 Chat Share Screen Record Breakout Rooms Reactions Apps Leave



International Conference on Recent Challenges in Technology



Talking: Univ. Udayana, Ni Luh Watniasih



Univ. Udayana, Ni Luh Watniasih

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connecting engineers... Analyzing research

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View Options

Standard

Side-by-side: Speaker View

Side-by-side: Gallery View

Fullscreen

Jojo Oskin

Jojo Oskin

MANAGEMENT OF SUBSTATION CONSTRUCTION PROJECT USING FAILURE AND MODE EFFECT ANALYSIS ON PT XYZ

AUTHOR: ANDREW AMADEUS
CO-AUTHOR: ERVINA AHYUDANARI

Video Security Participants 37 Share Screen Chat Record Breakout Rooms Reactions Settings More

You are viewing Muzakky Putra's screen

View Options

BRIN's Neutron Scattering Laboratory

Neutron Radiography

Multi Purpose Reactor GA-Siwabessy

Small Angle Neutron Scattering

Tripple Axis Spectrometer

TUNNEL

Neutron Activation Analysis

Residual Strees Diffractometer

Four Circle Diffractometer / Texture Diffractometer

High Resolution Small Angle Neutron Scattering

High Resolution Powder Diffractometer

Muzakky Putra

Video Security Participants 47 Share Screen Chat Record Breakout Rooms Reactions Settings More

LIVE on YouTube

Conference PPT - Microsoft PowerPoint

IFERP ICR CET

Biography:-

I have completed my diploma in ENTIC and then I went on to do my Engineering in the same field . I have worked in the fields of audio and video Engineering and GSM . Additional my current project focuses on the image and the video processing and how that will be helpful for the visually impaired students. Apart from this I also have my certification in CEH (Certified Ethical Hacker) , CHFI (Certificate holder Forensic Investigator) and in CCNA. I recently completed my certification in Data Science from NVIDIA

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Purvang Patel

5:22 PM 11/26/2021

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Aidar Ententeev Univ. Udayana,NI Luh Wati... Pramuka Weerasinghe Deni Shidqi BRIN | UMB Sevenpri Candra

indayati Mustafidah - UM... Norhidayu Abd Razak Fari Qodri Andaha CEO , Technoarete UMB_Mawardi Amin

Antonio G H Moshe Vardi Halim Dwi Putra conference co ordinator Jojo Mehoy

Prof.Ary Subagja_UNUD Agung Dwi Prasetya Jan Setiawan BRIN (ORTN) Andrew Amadeus Muhamad Fitri

Unmute Start Video Security Participants 45 Polls Chat 13 Share Screen Record Reactions More End

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The Research Purpose

- This research will be conducted on Aeronautics And Space Research Organization (LAPAN), with aim of analysing the effect of service quality on user satisfaction and user loyalty of LAPAN ICT services directly or indirectly.

9th International Conference on Recent Challenges In Engineering and Technology (ICRCET-21)

Igif G Prihanto BRIN

CONCLUSION SUMMARY

ICESSU 2021 was a success event organized by IFERP amid the COVID19 with a collective effort from host organization, 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

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CONFERENCE PROCEEDING

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CONFERENCE BACKGROUND



9th International Conference on Recent Challenges in Engineering and Technology

20th - 21st November, 2021 | Virtual Conference

Organized by

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