

## PENCAPAIAN SEPANJANG 2020 >>>

### Pemenang Anugerah Tahun 2020

Bil.	Nama	Anugerah	Dianugerahkan oleh
1	Dr. Zuhaida binti Mohd Zaki	Anugerah Penerbitan Q1 WOS dan Scopus 2020	UiTM Cawangan Pulau Pinang
2	Dr. Tey Li Sian	Anugerah Penerbitan Q1 WOS dan Scopus 2020	UiTM Cawangan Pulau Pinang
3	Ts. Syahrul Fithry bin Senin	Anugerah Penerbitan Q1 WOS dan Scopus 2020	UiTM Cawangan Pulau Pinang
4	Ts. Siti Isma Hani binti Ismail	Anugerah Jaringan Industri 2020	UiTM Cawangan Pulau Pinang
5	Prof. Madya Dr. Noorsuhada binti Md Nor	Best Presenter Award	The First Virtual Conference on Mechanical Fatigue (VCMF 2020), Organised by University of Porto (FEUP, Portugal), the Wroclaw University of Science and Technology (Poland) and the ESIS/TC12 Technical Committee (European Structural Integrity Society – ESIS)

### Pemenang Geran Penyelidikan Tahun 2020

Bil.	Tajuk Penyelidikan	Nama Ketua	Jenis Geran	Jumlah (RM)
1	Formulation of Moment-Rotation Principle Precast Rocking Wall-Hollow Core Slab Connection in Cellular Structures Subjected to Seismic Loading	Ir. Mohd Asha'ari Masrom	Geran Luar	1,250.00
2	Assessment of Sultan Abdul Halim Muadzam Shah Bridge (Penang Second Bridge) Defect Using Image Processing Method	Ts Mohd Samsudin	Geran Dalaman UiTM	5,000.00
3	New Method to Determine Physico-Chemical Characteristics of Fine-Grained Soil	Dr. Hj. Anas Ibrahim	Geran Dalaman UiTM	5,000.00
4	Concrete Performance with Waste	PM Ir Dr Yee Hooi Min	Biaya Terus – Bina Kemuncak Sdn. Bhd.	2,000.00
5	Physical Data Analysis for Dynamic Modelling Coastal Sea Innovation System for Sea Level Rise Adaptation	Ir Ts. Mohd Azrizal Fauzi	Biaya Terus	3,500.00
6	Dates of Prophetic Example of Halalan Toyyiban Food and Its Ethnomedicinal Importance Neutralizing the Effect of Medications or Foods with Other Ingredients or Food	Pn. Nur Ashikin Marzuki	Biaya Terus	5,000.00
7	Utilization of Lignin as Bitumen and Bituminous Mixture Modifiers	PM Dr. Tey Li Sian	Biaya Terus – King Mongkut Institute of Technology Ladkrabang	11,759.00

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Bil.	Tajuk Penyelidikan	Nama Ketua	Jenis Geran	Jumlah (RM)
8	Formulation of Moment-Rotation Principle Precast Rocking Wall-Hollow Core Slab Connection in Cellular Structures Subjected to Seismic Loading	Ir. Mohd Asha'ari Masrom	Biaya Terus -JVI INC	1,251.75
9	Seismic Performance of Precast Hybrid Wall-Floor Joint in Load Bearing Structures	Ir. Mohd Asha'ari Masrom	Biaya Terus – Halfen Moment Sdn. Bhd.	2,000.00

### Pemenang Geran Penyelidikan Tahun 2021

Bil.	Tajuk Penyelidikan	Nama Ketua	Jenis Geran	Jumlah (RM)
1	Controlled Low Strength Concrete (CLSC) for Precast Lightweight Wall Concrete Production using Recycled Concrete Aggregate (RCA)	PM Dr Noorsuhada Md Nor	Geran Luar	339,700.00

### Ringkasan Pencapaian Inovasi Sepanjang Tahun 2020 - 2021

Bil.	Nama	Tajuk Projek	Pertandingan	Anugerah
1	Ts. Dr. Mohd Ikmal Fazlan Rozli	My De-Book	Invention, Innovation, Design Competition 2020 (3IDC)	Perak
2	Nor Hafizah Hanis bt Abdullah Roziyah Keria Nurulzatushima bt Abdul Karim Adhilla bt Ainun Musir Siti Rahimah bt Rosselli	WasTic: Future Soil Stabiliser	INDES 2020	Emas
3	Dr. Hazrina binti Ahmad Norlizan binti Wahid Muhammad Hafeez bin Osman Dr. Ruqayyah binti Ismail Dr. Fariz Aswan bin Ahmad Zakwan Shafienaz binti Ismail	Self-Compacting Fibre Reinforced Concrete Ribbed Slab (SCFRC-RIB)	ICON2020	Perak
4	Shafienaz binti Ismail Dr. Hazrina Ahmad Norlizan binti Wahid Muhammad Hafeez bin Osman Dr. Ruqayyah binti Ismail Dr. Fariz Aswan bin Ahmad Zakwan	Calcined Ground Seashell Ash (CGSA-20): A New Green Admixture	ICON2020	Perak

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Bil.	Nama	Tajuk Projek	Pertandingan	Anugerah
5	Muhammad Hafeez bin Osman Badrul Nizam bin Ismail Nor Hafizah Hanis binti Abdullah Dr. Hj. Anas bin Ibrahim	Shear Strength Envelope: Engaging Way	Intelec2020	Gangsa
6	Nor Hafida binti Hashim Muhd Norhasri bin Muhd Sidek Siti Rahimah binti Rosseli Nurol Huda binti Dahalan Mazlina binti Razali	SandyP: Future Sand for Concrete	IIDEX 2020	Emas
7	Muhamad Faizal Pakir Mohamed Latif	Compost Refiner Trommel Screen (CRETs)	WICO2020	Emas
8	Siti Rahimah Rosseli Dr Muhd Norhasri bin Muhd Sidek Nor Hafida Hashim Noor Syafeekha Muhd Sakdun Nurakmal Hamzah	PROPATCHmax: Patching Pavement for Solid Structure	DIID JOHOR 2020	Emas
9	Nuraini bt Tutur Nurakmal Hamzah Hafizah Muhammad Azlan Nurhidayati Mat Daud	RHA: SSA As Cement Replacement in Green Concrete	INDES 2020	Emas
10	Fauziah Ahmad Nor Azliza Akbar Madiah Safiyah Badrul Nizam Husna Khairul Anuar Nur Wafa Imani Mohd Rafie Nurkhairunnisa Mohd Shobri	Kits Penyingkir Warna Lestari Alam "BananaSWaT"	INDES2020	Emas
11	Fauziah Ahmad Nor Azliza Akbar Madiah Safiyah Badrul Nizam Husna Khairul Anuar Nur Wafa Imani Mohd Rafie Nurkhairunnisa Mohd Shobri	Ajen Penjerapan Lestari Alam "BananaSWaT"	Invention, Innovation, Design Competition 2020 (3IDC)	Emas
12	Nor Azliza Akbar Norrahilah Abdul Aziz Norain Farisha Mohd Fauzi Amalina Amirah Abu Bakar Nurhidayati Mat Daud	ZeoCos: Eco-Waste Adsorbent	Invention, Innovation, Design Competition 2020 (3IDC)	Gangsa
13	Dr Hj Anas Ibrahim Muhammad Khusairi Nur Amirah Zuhaili Mohaiyedin Azmir Badrul Nizam	Artificial Intelligence System for Detection and Classification of Flexible Pavement Crack's Severity	INDES 2020	Emas

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Bil.	Nama	Tajuk Projek	Pertandingan	Anugerah
14	Nor Hafida binti Hashim Siti Rahimah Rosselli Muhd Norhasri Muhd Sidek Nor Hafida Hashim Noor Syafeekha Mohamad Sakdun Nurakmal Hamzah	Patching Material for Solid Structure	DIID JOHOR 2020	Emas
15	Ikmal Shafik Azim Mahadzir Aisamuddin Karim Hidayu Hassan Dr Mohd Ikmal Fazlan PM. Dr Kay Dora	State-of-the-Art Dam Monitoring System	PIID2021	Perak
16	Zuraisah Dollah Syaza Nuwairah Mohd Zelan Aniza Albar Muhamad Faizal Pakir Mohamed Latif Nor Janna Tammy	Limemansi as a Natural Coagulant for Water Purification	PIID2021	Perak
17	Aimanuddin Anas Muhammad Afwan Basri Muhammad Saifuddin Zamzuri Adhilla Ainun Musir Daliah Hasan	Development of Illumination Level Tools "Liqmet"	PIID2021	Perak
18	Nik Farhanim Imran Nuraini Tutur Noor Syafeekha Mohamad Sakdun Nurol Huda Dahalan Hafizah Muhamad Azlan	C-Shell as Cement Replacement in Concrete	PIID2021	Gangsa
19	Yee Hooi Min Hafizah Muhamad Azlan Leo Choe Peng Noor Syafeekha Mohamad Sakdun Nuraini Tutur	Environmental Friendly Of Biomass Waste From Recycle Product as Concrete Coating	PIID2021	Emas
20	Nuha 'Afifah Sharifuddin Nur Aqilah Natasha Mohd Fadzli Afifudin Habulat	Eco- Polyethylene Gunny Concrete (ECOPGCON)	PIID2021	Perak

# upcoming events...



**ICACEST2021**  
THE INTERNATIONAL  
CONFERENCE ON ADVANCES  
IN CIVIL ENGINEERING AND  
SCIENCE TECHNOLOGY

## CALL FOR PAPER

### THE INTERNATIONAL CONFERENCE ON ADVANCES IN CIVIL ENGINEERING AND SCIENCE TECHNOLOGY

3 & 4 AUG 2021

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#### INTRODUCTION

This conference is a platform for researchers from within and outside the country to highlight and share research ideas and results for the development of the global community. This is in line with the university's philosophy that encourages every individual to achieve excellence through the transfer of knowledge and the application of noble values to become professional graduates who are able to develop knowledge and develop themselves, society and country. As the entire world is currently struggling against pandemic Covid19, this conference will be organized via online teleconferencing approach.

#### REGISTRATION FEE

Category		Local (RM)	International (USD)
Presenters & Publication	Student	250 + publication fee	80 + publication fee
	Non-student	400 + publication fee	110 + publication fee
Non-presenting participant	Student	50	20
	Non-student	150	50

Publication Fees (Scopus Indexed)	Local (RM)	International (USD)
Journal	1600	400
Proceeding	500	120

#### ORGANIZER



Cawangan Pulau Pinang  
Kampus Permatang Pauh

#### CO-ORGANIZER



#### CONTACT

ICACEST2021 Organising Committee  
Faculty of Civil Engineering  
UiTM Cawangan Pulau Pinang  
Email: [icacest@uitm.edu.my](mailto:icacest@uitm.edu.my)

#### KEYNOTE SPEAKERS



##### Keynote Speaker 1

Professor Ts. Dr. Salmiah Kasolang  
Rector of UiTM Cawangan Pulau Pinang  
Oil Analysis Technique, Hydrodynamic  
Lubrication, Ultrasonic Reflection



##### Keynote Speaker 2

Professor Dr. Zakiah Ahmad  
Dean (Research and Innovation), College of Engineering  
Universiti Teknologi MARA, Shah Alam  
Timber Engineering, Nano Technology



##### Keynote Speaker 3

Associate Professor Dr. Sanjay Kumar Shukla  
School of Engineering  
Edith Cowan University, Australia  
Geosynthetic and Fibres for Sustainable Developments  
Ground Improvement Methods



##### Keynote Speaker 4

Associate Professor Dr. Zhu Sicong  
Traffic Engineering Cooperation School  
Beijing Jiaotong University, Beijing, China  
Control Science & Engineering, Transportation  
Planning & Management

#### CONFERENCE SCOPE & TOPIC

Civil and/or Infrastructure Engineering  
Environmental Engineering  
Science and Technology  
Geophysics  
Engineering Education

#### JOURNAL

Malaysian Construction Research Journal  
(Scopus Indexed)  
Civil Engineering and Architecture  
(Scopus Indexed)  
Environment and Ecology Research  
(Scopus Indexed)  
AIP Conference Proceeding  
(Scopus Indexed)

#### IMPORTANT DATES

FULL PAPER SUBMISSION DEADLINE	01 MAY 2021
NOTIFICATION OF ACCEPTANCE	01 JUNE 2021
EARLY BIRD FEES DEADLINE	15 JUNE 2021
FULL FEES DATELINE	01 JULY 2021
CONFERENCE DATE	3 & 4 AUG 2021

#### STRATEGIC PARTNERS



Unleashing Potentials  
Shaping the Future

