

FSG AKNC 2021 OVERALL CHAMPION

IN THIS ISSUE

COMMERCIALISATION OF FSG RESEARCH INNOVATIONS

INTERNATIONAL COLLABORATIONS WITH SWEDEN, TAIWAN AND INDONESIA

POST-FLOOD RELIEF PROGRAMME BY FACULTY OF APPLIED SCIENCES

FSG Padu!

A historic victory for FSG

Faculty of Applied Sciences emerged as the Overall Champion in "Anugerah Kualiti Naib Canselor 2021" of Universiti Teknologi MARA. FSG obtained the top prize by winning the following categories:

- Best Faculty
- Field of Focus (Staff Management and Development)
- Criteria (Customer Focus)
- Criteria (Results)

Congratulations FSG, we did it!



Congratulations to FSG Researchers at ITEX'21



Congratulations to all winners at the 32nd International Invention, Innovation, and Technology Exhibition (ITEX'21) which was held from 12-14 December 2021 at Kuala Lumpur Convention Centre (KLCC), Kuala Lumpur. ITEX'21 was organised by C.I.S Network Sdn Bhd in collaboration with Malaysian Invention and Design Society (MINDS).

GOLD AWARD WINNERS

POLYPROPYLENE FABRIC FILLED GRAPHENE OXIDE FROM RECYCLE CARBON AS VIRUS FILTER SHEET

STERNAZIP: CONCEPTUALIZATION OF AN INNOVATIVE SURGICAL DEVICE FOR DELAYED STERNAL CLOSURE UTILIZING NANO-SILVER TECHNOLOGY

SILVER AWARD WINNER

CINNAMON/ZNO POLYLACTIC ACID NANO COMPOSITES: A NEW APPROACH FOR ANTIMICROBIAL AND UV SHIELDING FRUIT PACKAGING APPLICATION



Congratulations to all recipients of Fundamental Research Grant Scheme (FRGS) Phase 1/2021 with a combined total of RM1,730,928.



Congratulations to Ts. Dr Wan Nazihah Wan Ibrahim and her team on securing funding from the Organisation for the Prohibition of Chemical Weapons (OPCW)

The project is entitled “Mesoporous Silica Nanoparticles Extracted from Oil Palm Fronds for the Development of Magnetic Solid Phase Extraction Method for Efficient Separation of Organochlorine Pesticides in Water Samples”.

Amount Received
RM51,846.00

Duration
6 April 2021- 6 March 2023

Leader:
Ts. Dr Wan Nazihah Wan Ibrahim

Members:
Dr Nursyamsila Mat Hadzir
ChM. Dr Mohd Sufri Mastuli
Ts. ChM. Dr Nor Suhaila Mohamad Hanapi
Mrs. Nurhusna Zainal Abidin

Faculty of Applied Sciences, UiTM Shah Alam



Congratulations to Assoc. Prof. Dr Sharifah Aminah Syed Mohamad and her team on securing the prestigious Yayasan Penyelidikan Antartika Sultan Mizan (YPASM) Polar Research Grant 2021 in the amount of RM150,000.00. The project title is “Neuroprotection Properties of Lactic Acid Bacteria Isolated from Penguin Guano in Antarctic Region”.



Congratulations to Dr Amirah Amalina Ahmad Tarmizi with team members, Prof. Ts. Dr Mohamad Kamal Harun, Prof. Ts. ChM. Dr Chan Chin Han and Dr Sabrina M. Yahaya, recipients of an international grant from Onyx Developpement SAS, France with the amount of 10,000 Euro (RM48,090.58).



Congratulations to Prof. ChM. Ts Dr Chan Chin Han, recipient of Private Grant from Industry: Eco Power Synergy Sdn Bhd amounting to RM72,000. The project title is “Sustainable Carbon Black for Applications”.



Congratulations to Asso. Prof. Ts. Dr Aishah Bujang and her team who were awarded a Public-Private Research Network (PPRN) Grant from Ministry of Higher Education worth RM42,735.00 to work with DrTuna Sdn Bhd.



Congratulations to all grant recipients of the “Kolaborasi Entiti Penyelidikan UiTM” (KEPU) 2021. The recipients are Assoc. Prof. Dr Zainiharyati Mohd Zain, Assoc. Prof. Dr Anida Yusoff, Dr Mohamad Fariz Mohamad and Prof. Dr Mohamad Faiz Foong Abdullah.



Congratulations to Dr Siti Suhara Ramli and her team from Food Science and Technology Programme on securing Strategic Research Partnership (SRP) 2021 grant for a project entitled “Development of Gummy Containing Honey and Habbatussauda (Nigella Sativa) Oil in the amount of RM30,000.00.



Congratulations to Assoc. Prof. Ts. Dr Rahmah Mohamed, Dr Hairani Tahir and Dr Radin Siti Fazlina Nazrah Hirzin on securing an agreement for research collaboration with DRN Manufacturing Sdn Bhd worth RM80,000.00. The project title is “Fabrication and Development of a Biodegradable and Compostable Resins for Plastic Manufacturing Through Hybrid Bio-Composites.”



Congratulations to Assoc. Prof. Dr Hedzlin Zainuddin and Assoc. Prof. Dr Siti Norasmah Surip on securing the Strategic Research Partnership (SRP) research grant for the UiTM-Universitas Indonesia Bilateral Strategic Alliance (UI-UiTM BISA) 2021. Both recipients received RM17,850 each. Dr Hedzlin will work on “Comparative Performance Assessment of Grid-Connected Photovoltaic System in Tropical Region: Case Studies in Malaysia and Indonesia. Dr Siti Norasmah will conduct a research on “Preparation, Characterization and Kinetic Study of Nanofibers from Agricultural Waste (Pineapple Leaf Fibers) and Aloe Vera.



Congratulations to Dr Umi Marshida Abd Hamid and Assoc. Prof. Ts. Dr Noor Najmi Bonnia on receiving Industry and Agency Strategic Research Partnership (SRP) Research Grant 2021 with the amount of RM20,000.00 and RM10,000.00, respectively. Dr Umi Marshida's project entitled “Development of Sustainable Typhonium Flagelliforme Products with Cancer Therapeutic Functions”. Dr Noor Najmi and her team will work on “Mechanical and Rheological Properties of Polyurethane as Concrete Raising Materials”.



Congratulations to Dr Siti Nurbaya Supardan, who has been awarded the SDG@Triangle 2.0 Sustainable Research Grant for 2021 worth RM20,000.00. She will conduct a research project entitled “Encapsulated Cr TiO₂ Nanofibers Layers for Photocatalytic Water Purification”.



Congratulations to all Young Talented Researcher Grant (YTRG) 2021 recipients, Ts. Dr Mohd Firdaus Malek and ChM. Dr Syahrul Imran Abu Bakar. Both received RM50,000.00 each.



Congratulations to Dr. Sabrina Mohd Yahaya and Dr. Asiah Mohd Nor, the recipients of the MyRA Research Grant (Beginning for PhD Graduate) worth RM20,000.00.



Congratulations to Drs Suzaini Abdul Ghani, Seow Eng Keng, Mohd Iqbal Misnon and Fadhilah Lamun @ Jailani, the recipients of the MyRA Research Grant worth RM20,000.00.



Congratulations to Dr Faezah Pardi and the team, recipients of the Forest Research Institute Malaysia (FRIM) Research Fund of RM15,000. The project is entitled "Perubahan Struktur Genetik Spesies Pokok Terhadap Peningkatan Berterusan Karbon Dioksida Kawasan Hutan Pengeluaran di Free Air CO₂ Enrichment (FACE), Jengka, Pahang.



Congratulations to the FSG contingent for achieving third place at iindex2021!



TAHNIAH

PROFESSOR MADYA DR. SITI NORASMAH SURIP (KETUA PROJEK)
 DR. KHAIRUNNADIM AHMAD SEKAK
 EN. NUR AREISMAN BIN MOHD SALLEH (FRIM)
 PROFESSOR Ir. DR. AKHMAD HERMAN YUWONO (UI)
 Ir. DR. JAKA FAJAR FATRIANSYAH (UI)
 DR. NOFRIJON SOFYAN (UI)
 penerima

GERAN PENYELIDIKAN STRATEGIC RESEARCH PARTNERSHIP (SRP)

TAJUK PROJEK
 PREPARATION CHARACTERIZATIONS AND KINETIC STUDY OF NANOFIBERS FROM AGRICULTURAL WASTE (PINEAPPLE LEAF FIBERS) AND ALOE VERA
JUMLAH: RM 17, 850 (KELULUSAN UiTM)
 dengan pembiayaan bersama
JUMLAH: RP 60,000,000.00 (KELULUSAN UNIVERSITAS INDONESIA)
 15/07/2021 - 14/07/2023 (24 BULAN)

UiTM *di hatiku* <https://fsg.uitm.edu.my> fsg_uitm Fakulti Sains Gunaan UiTM Shah Alam
 Faculty of Applied Sciences, UiTM Shah Alam FSG_UiTM Faculty of Applied Sciences (FSG)

Congratulations to Assoc. Prof. Dr Siti Norasmah Surip (Project Leader) and team, recipients of Strategic Partnership Research Grant (SRP) worth RM17,850 from UiTM approval with co-funding of Rp 60,000,000.00 from Universitas Indonesia.



TAHNIAH

Kumpulan Penyelidikan
Textile Research Group

Prof. Madya Ts. Dr. Mohamad Faizul Yahya Prof. Dr. Mohd. Rozi Ahmad Dr. Nor Dalila Nor Affandi Dr. Mohd Iqbal Misnon Prof. Madya Dr. Noor Najmi Bonnia Dr. Mohd Muzamir Mahat

di atas Naik Taraf Entiti Kecemerlangan (EK) UiTM dari
 Kumpulan Inisiatif Penyelidikan (RIG) kepada Kumpulan Penyelidikan (RG) yang diketuai oleh
 Prof. Madya Ts. Dr. Mohamad Faizul Yahya dari Fakulti Sains Gunaan mulai 11 Oktober 2021

Unleashing Potentials Shaping the Future <https://tncp.uitm.edu.my/> @tncp_uitm tncpi_uitm TNCPi UiTM #bevisible

Congratulations to "Textile Research Group" led by Assoc. Prof. Ts. Dr. Mohamad Faizul Yahya on successfully earning the status as UiTM's Excellence Entity (EK) after being upgraded from a Research Initiative Group (RIG) to Research Group (RG) effective 11 October 2021.



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