

BENGKEL FRGS 2021 PASUM

**2 DAN 3 FEBRUARI 2021
ANJURAN
PUSAT PENELITIAN
PASUM**



TARIKH BUKA
FRGS

• 18 JAN 2021

TARIKH TUTUP
FRGS -
KPT

• 31 MAC 2021

TARIKH TUTUP
FRGS-
UM

• 25 FEB 2021

BIL.	AKTIVITI	TINDAKAN & TANGGUNGJAWAB	TEMPOH
1	<p>(a) Penghantaran proposal (<i>hardcopy</i>, cetakan dari MyGRANTS) kepada PTj bagi tujuan penilaian PTj</p> <p>* Proposal perlu disediakan secara atas talian melalui MyGRANTS;</p> <p>[Internet Explorer (IE) dan Chrome adalah browser yang paling ideal untuk MyGRANTS]</p> <ul style="list-style-type: none"> ▶ Tukar DRAFT kepada COMPLETE > klik SAVE; ▶ Untuk memastikan permohonan telah berjaya dihantar ke MyGRANTS, tunggu sehingga notifikasi <i>Your Proposal is ready to collect by RMC</i> dipaparkan <p>Nota:</p> <ul style="list-style-type: none"> ● Sila pastikan profil penyelidik (Ketua dan Ahli) adalah lengkap, sentiasa dikemaskini dan disahkan PPGP dalam MyGRANTS. 	Ketua Projek	<p>18 Januari 2021 – 23 Februari 2021</p> <p>Dalam tempoh ini, sila pastikan perkara-perkara berikut diambil perhatian:</p> <ol style="list-style-type: none"> 1. Ketua Projek menghantar proposal (<i>hardcopy</i>, cetakan dari MyGRANTS) ke PTj untuk proses penilaian di peringkat PTj 2. PTj melaksanakan penilaian dan memaklum kepada Ketua Projek penambahbaikan yang perlu dibuat 3. Ketua Projek menghantar proposal yang telah ditambahbaik melalui MyGRANTS

FEBRUARY 2021	DIVISIONS	VENUE
2 TH (9.30 AM – 11.30 AM)	PHYSICS	ONLINE https://meet.google.com/ixk-xucf-cue?authuser=1
2 TH (2.00 PM – 4.00 AM)	CHEMISTRY	ONLINE https://meet.google.com/wfd-rjsz-bdq?authuser=1
3 TH (9.30 AM – 11.30 AM)	MATHEMATICS	ONLINE https://meet.google.com/fgy-cevt-fqw?authuser=1
3 TH (2.00 PM – 4.00 AM)	BIOLOGY	ONLINE https://meet.google.com/vxc-qnmv-qnd?authuser=1

2th Feb 2021 (9.30 AM – 11.30 AM)-Physics

No	Title FRGS Grant	Researcher
1.	Development of Localized Sensing Based Fiber Optic for Monitoring Anionic and Cationic Hazardous Elements in Drinking Water	Dr. Mohd Fahmi
2.	The Role of Polymer and Nanofillers in the Reduction of Leakage Current in Ag Doped ZnO Thin-Film of Piezoelectric Nanogenerator Area.	Dr. Zainal Abidin
3.	Understanding structural stability and ionic transport properties in the natural clay-based hybrid solid electrolyte.	Dr. Syed Bahari
4.	Relationship between perceptual ability and motivational based on brainwaves	Dr. Aisyah
5.	Effects of alkyl chain length, copolymer ratio and nanofiller on the ionic conductive and photoelectrochemical properties of acrylic based copolymer electrolytes	Dr. Salmiah

- Panel : 1. PM Dr Fakhrol Zamani (Pengerusi)
2. Dr Syed Bahari Ramadan
3. Dr Salmiah

2th Feb 2021 (2.00 PM – 4.00 PM)- Chemistry

No	Title FRGS Grant	Researcher
1.	The development of artificial neural networks of standardized response surface models for systematic quantification of in-vitro tooth lesions	Dr. Ahmad Danial
2.	Processing and characterization of kenaf fiber/graphene nanoplatelet hybrid reinforced high density polyethylene composites.	Dr. Fauzani
3.	Natural neuroprotective and anti-neuroinflammatory agent from <i>Alseodaphne</i> species and its influence on human neuronal viability	Dr. Liew
4.	From waste to wealth: Cellulose derivatives from agro-waste as electrolyte in electrochemical devices	Dr. Shafiza
5.	Metal-organic frameworks derived porous carbon as an efficient counter electrode material for dye-sensitized solar cells	Dr. Siti Farhana

- Panel :
1. PM Dr Fakhrul Zamani (Pengerusi)
 2. PM Dr Faridah Sonsudin
 3. Dr Liew
 4. Dr Fauzani

3th Feb 2021 (9.30 AM – 11.30 AM) - Mathematics

No	Title FRGS Grant	Researcher
1.	Quantum Augmented Traffic Network Optimization for Future Cities	Dr. Zahurin
2.	Analysis and Simulation of a Mathematical Model of Tuberculosis Transmission in Selangor, Malaysia by using Haar Wavelet Quasilinearization Method	Dr. Artisham
3.	Development of Learning Aids (LA) Robotics: A Study of Music Education at the Primary School Level in Malaysia	Dr. Norhaslina
4.	Discrimination method for complex normal distribution: an approach based on confidence region for the two-sample mean comparison.	Dr. Norli Anida
5.	Investigations of Dark Matter in Galaxies Embedded in the Filaments of Cosmic Web using Rotation Curve Analysis	Dr. Norsiah

Panel : 1. PM Dr Fakhrol Zamani (Pengerusi)
2. Dr Ruhaila
3. Dr Norli

3th Feb 2021 (2.00 PM – 4.00 PM)-Biology

No	Title FRGS Grant	Researcher
1.	The influence of clusterin and its isoforms on cerebrovascular smooth muscle cells in a cell culture model of cerebral amyloid angiopathy	Dr Wan Adriyani

Panel : 1. PM Dr Fakhrul Zamani (Pengerusi)
2. PM Dr Noor Hashida
3. Dr Yusmin