



The Energy University



UNITEN Research Excellence

RMC for Researchers: Maximizing Research Impact

23 NOV 2023 | MYRMA-UNITEN

Assoc. Prof. Ts. Dr. Normy Norfiza Abdul Razak
Director, Innovation and Research Management



The Genius in You

1997 - 2022

"Leaping into the future together"





Understanding scientific research performance is important as it aids in decision making and to propel ourselves

UNITEN Research Performance

UNITEN Research Roadmap

UNITEN Research Aspiration

WHERE WE ARE ● WHAT WE WANT TO DO ● WHERE WE WANT TO BE

10 YEAR STRATEGIC PLANNING



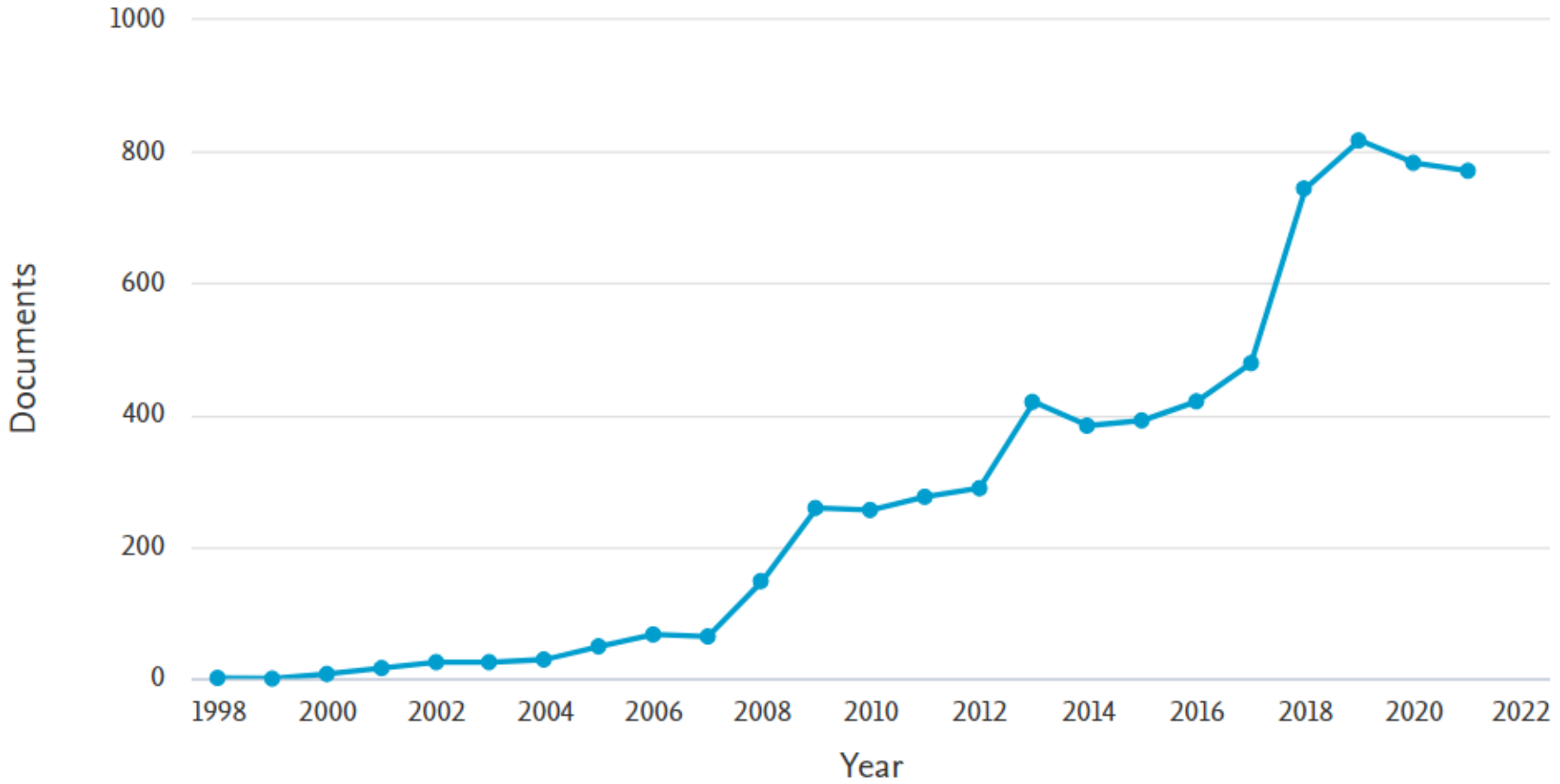
BOLD2025 Refresh
 10 new/enhanced strategic initiatives

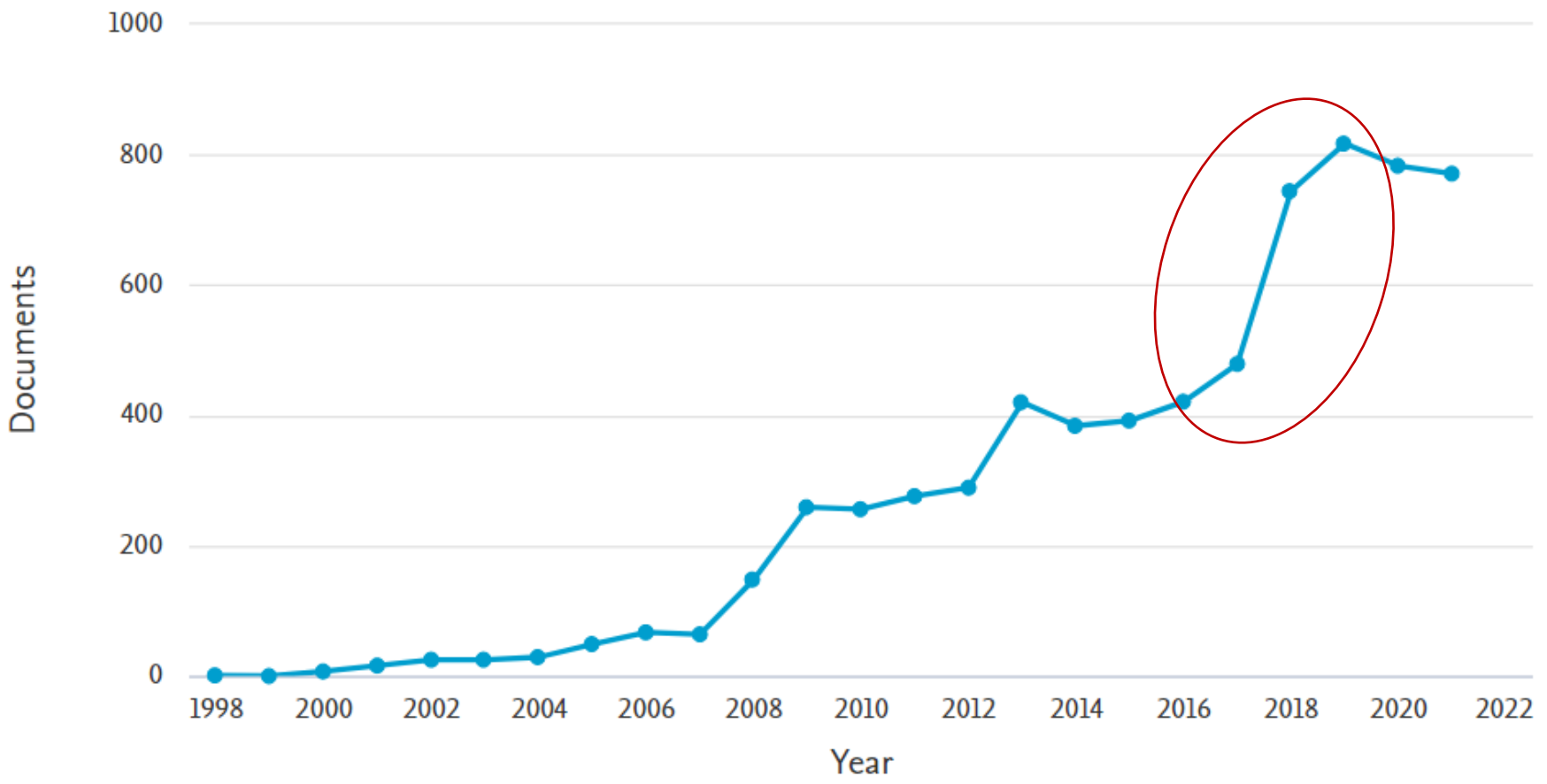
Building Opportunities, Living Dreams 2025



3 STRATEGIC GOALS
3 STRATEGIC OBJECTIVES
10 STRATEGIC INITIATIVES

UNITEN RESEARCH PERFORMANCE

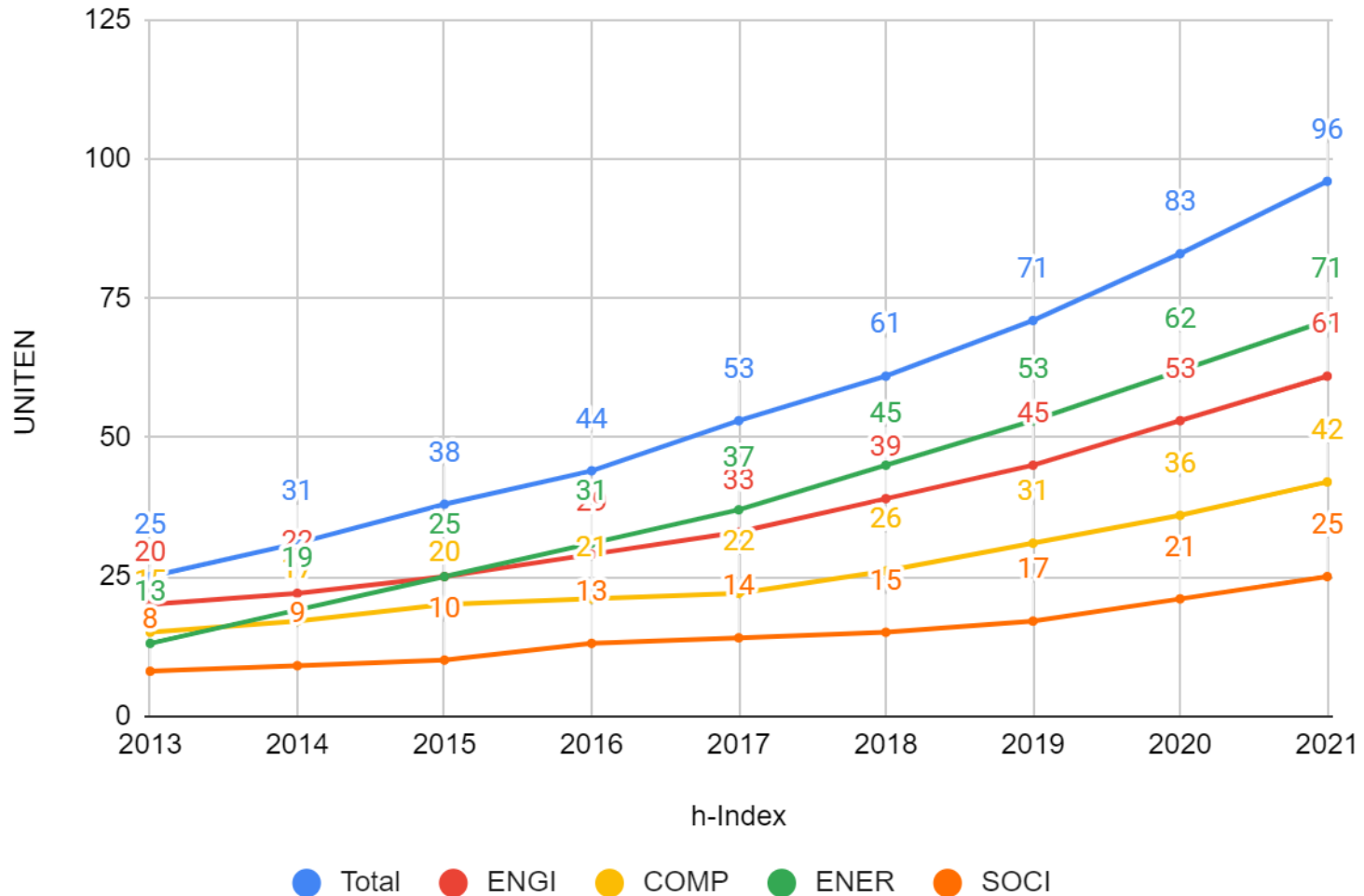




In tandem with BOLD2025 kickoff in 2016, there was a steady growth. The sharp increase is reflective of our initiatives undertaken as the champion through: Prominent Professors, Postdoctorals, Grants, Publication Fund

H-INDEX EVOLUTION

UNITEN

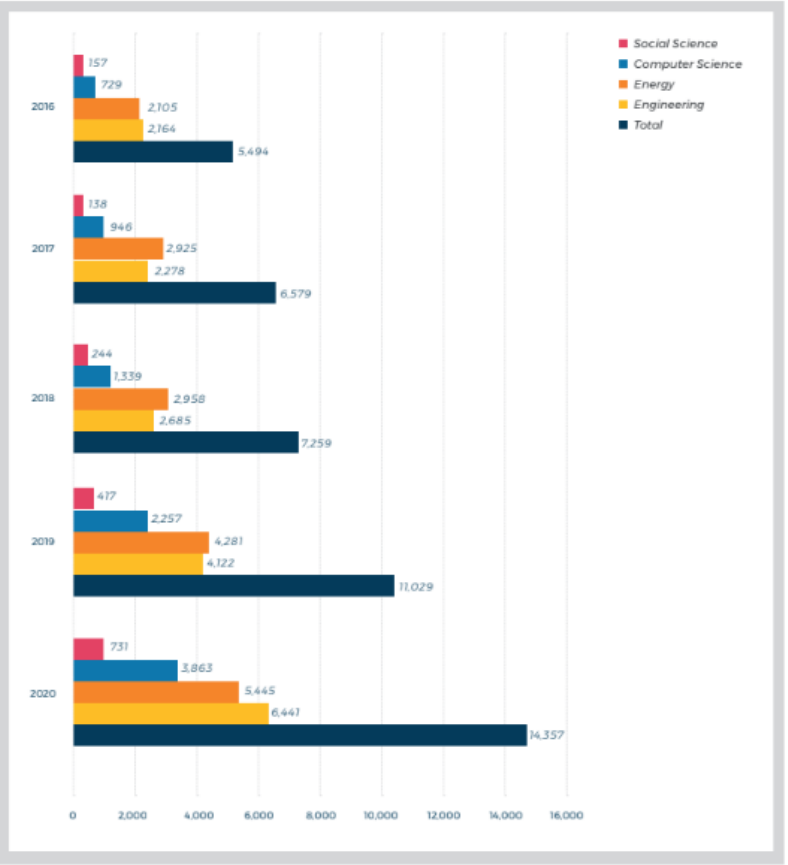


In the span of 5 years from 2016, UNITEN doubled our H-Index which took 16 years to reach 44. Noteworthy, the gradient beginning 2018 with BOLD2025 is steeper indicating faster growth.

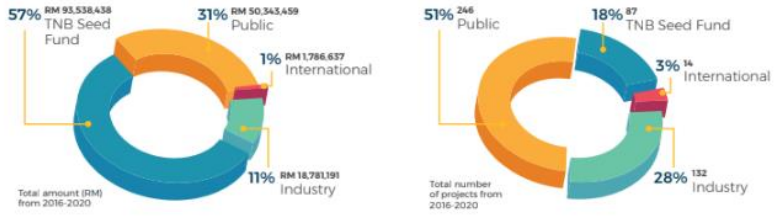
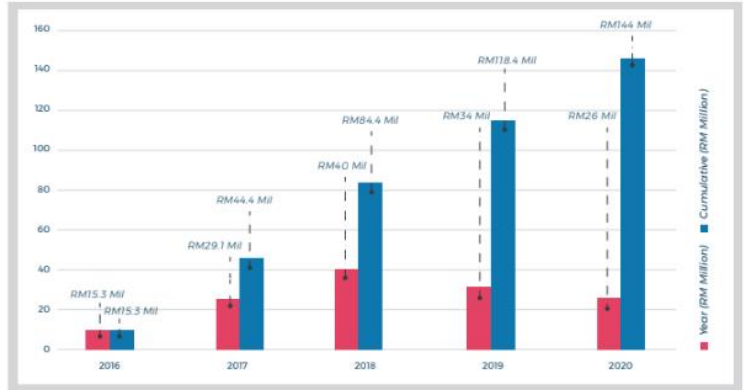
National benchmark in 2017 is 35

Research Citations

5-Year Citation by Field



Research Fundings



UNITEN managed to increase citations by leap and bounds and as of today the 5 year citation is already above 35k.



UNITEN PRINCIPAL INVESTIGATORS

1997 - 2022
"Leaping into the future together"

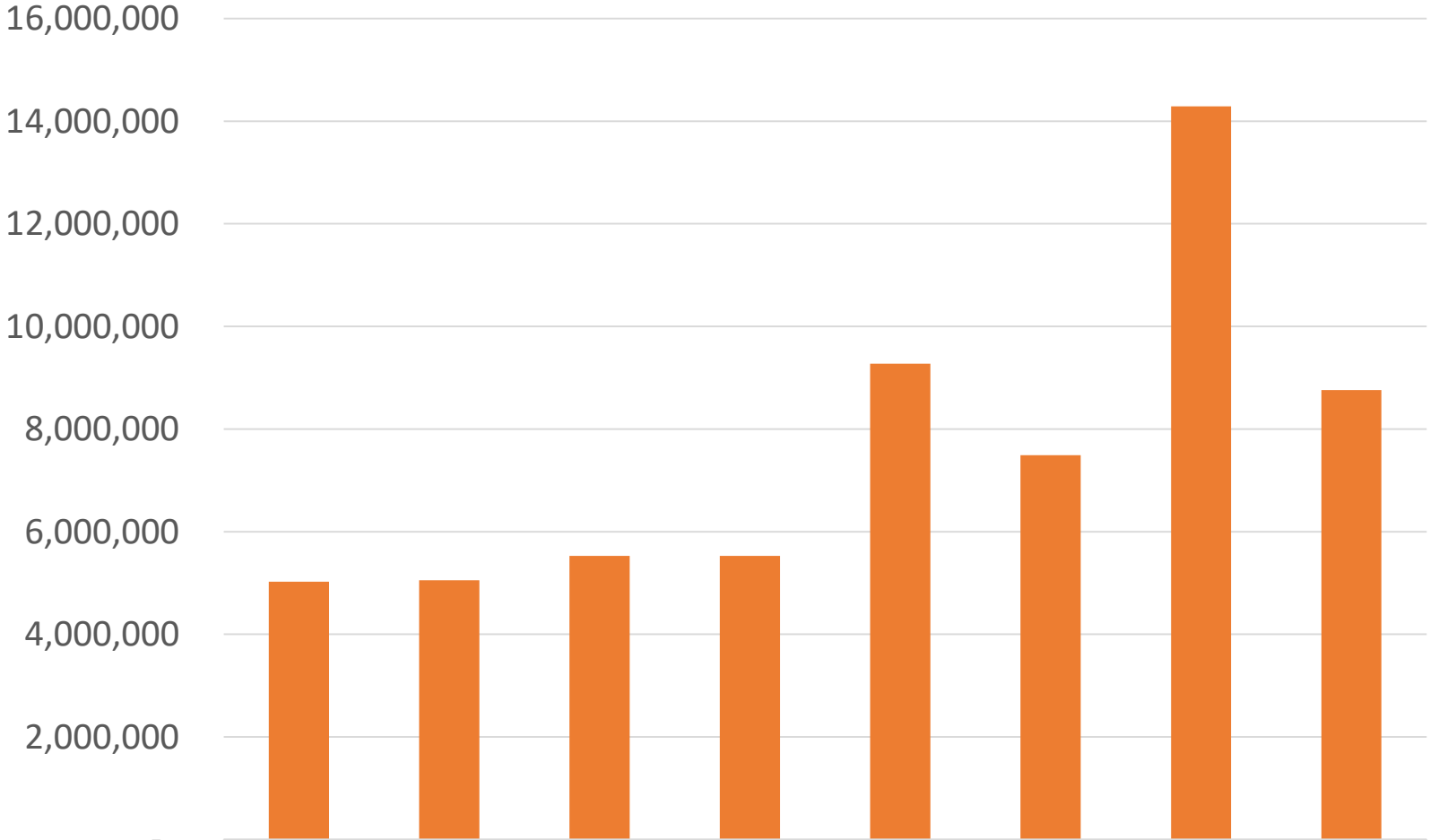




UNITEN EXTERNAL GRANTS in RMC

1997 - 2022

"Leaping into the future together"



	2016	2017	2018	2019	2020	2021	2022	2023
Amount (RM)	5,026,137	5,055,639	5,530,874	5,529,946	9,271,910	7,490,370	14,288,501	8,762,147

DIVERSE POSTDOCTORAL RESEARCHERS



BEST SCIENTIFIC MINDS

200

Postdoctoral Fellowships in *Malaysia*

The National Energy Centre in Universiti Tenaga Nasional is looking for skilled and enthusiastic postdoctoral researchers from all around the world to work in the research area of Sustainable Energy, Power Engineering, Energy Infrastructure, Computing & Informatics and Energy Research and Policy.

The program offers 1-3 years fellowship, airfare, annual salary (from RM60k-RM96k) and benefits that include medical, visa and work permit.

Do send your CV to
postdocfellowship@uniten.edu.my

Enquire Now!

www.uniten.edu.my
facebook.com/uniten



Scan to download
UNITEN Research Roadmap
2021-2025



IRMC office have received more than 1300 cvs and interviewed over 300 postdoctoral candidates to be attached to NEC. These would be the talents of best scientific minds along with researchers.

BOLD PUBLICATION FUND 2023 CRITERIA:

- First 2 authors from UNITEN
- Collaborations with RU/International/Industry
- Q1 or Q2 WoS (S&T), Scopus (SS)
- Keywords include Energy
- UNITEN staff as corresponding author
- Highly encouraged to include SDG Goals
- Affiliation to Research Institutes
- Acknowledged Bold Funding

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2023 Research Focus and Fund

- NEC
- Prominent Professors
- International Grant
- HICoE
- HCR
- Journal Fund
- BOLD
- Community Grant
- 200 Postdocs

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An initiative Research Management Centre to support researchers. With our strategic planning UNITEN researchers have abundant opportunities to conduct research.

BOLD PUBLICATION FUND 2023 CRITERIA:

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- Acknowledged Bold Funding



INTERNATIONAL Community Grant

Research Focus Area:

- Power Engineering
- Renewable Energy
- Energy Policy Diplomacy and Social Issues
- Energy Infrastructure and Geoscience
- Energy Data Science and IT

30 APRIL 2023 PROPOSAL SUBMISSION DEADLINE

Email Softcopy Submission to: masara@uniten.edu.my / ruandba@uniten.edu.my

INTERNATIONAL GRANT DATO' LOW TUCK KWONG

Submission Deadline: **MAY 2023**

Research Focus Area:

- Renewable Energy
- Power Engineering
- Energy Infrastructure
- Digitalisation
- Energy Policy and Social Issues
- Enabling Technologies

23RD JUNE 2023 PROPOSAL SUBMISSION DEADLINE

MATCHING GRANT (UNITEN - UTM)

Research Focus Area and Community Awareness:

- Financial Reporting and Energy Accounting
- Corporate Governance and Energy Accounting
- Environmental Performance Auditing for Energy Sector
- Renewable Energy Incentives in Manufacturing Sector
- Sustainability in Energy Sector

200 Postdoctoral Fellowships in Malaysia

The National Energy Centre in Universiti Tenaga Nasional is looking for skilled and enthusiastic postdoctoral researchers from all around the world to work in the research area of Sustainable Energy, Power Engineering, Energy Infrastructure, Computing & Informatics and Energy Research and Policy.

The program offers 1-3 years fellowship, airfare, annual salary from RM60k, benefits and benefits that include medical, visa and work permit.

Scan to download UNITEN Research Roadmap 2023-2025

Do send your CV to postdocfellowship@uniten.edu.my

Empire Now!

CALL of PROPOSAL

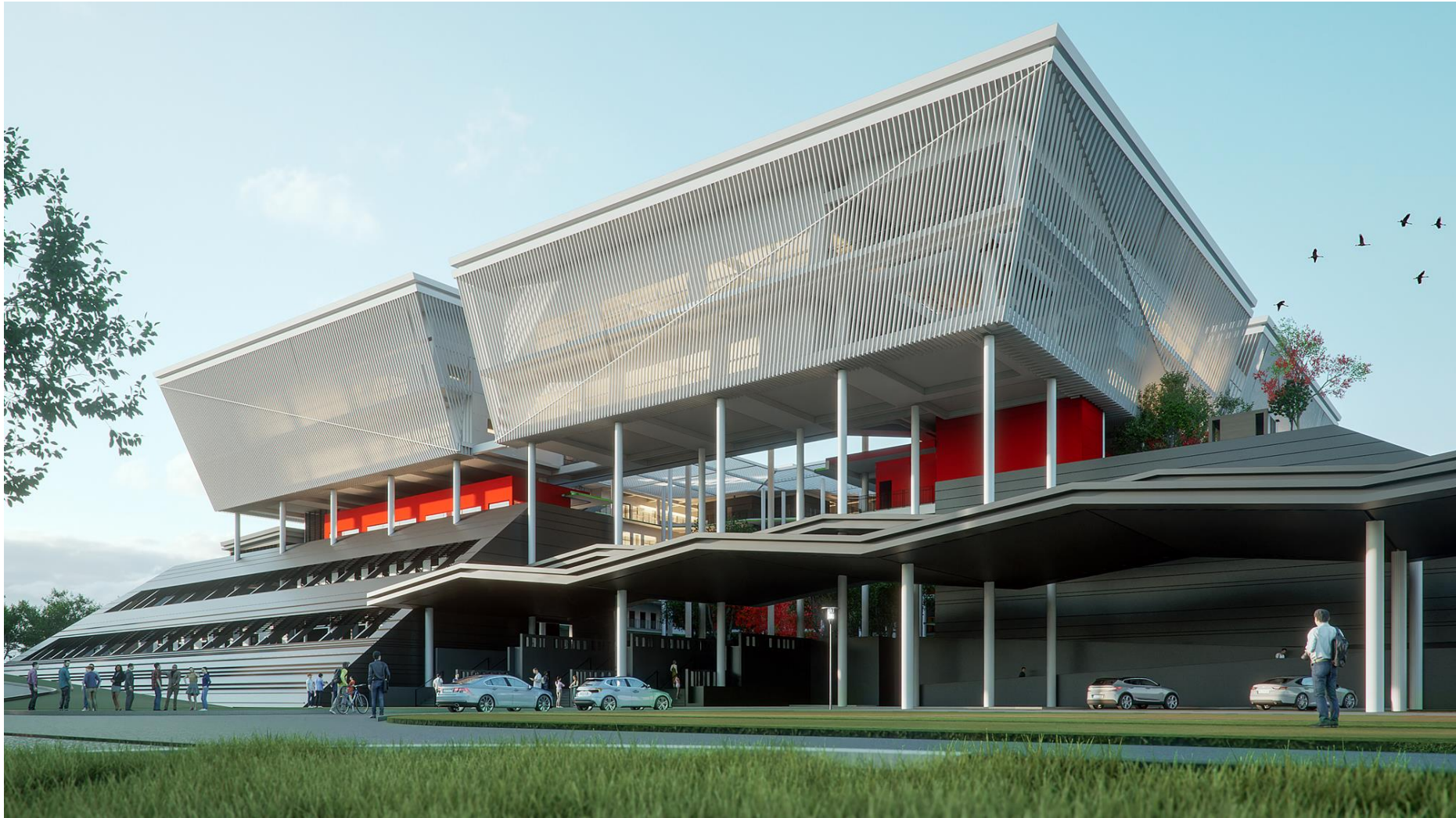
Due 15th August 2023

Proposed Research	Study Research Center	Person In-charge	Contact / Email
1. The Development of High-Temperature Superconducting Materials for Highly Efficient Electrical Energy Applications	Superconductor Development Study Center	Prof. Dr. Ir Andika W. Pramono	andika.wp@itpln.ac.id Phone: +62 812810858
2. Achieving the Cogging Torque Reduction of Permanent Magnet Generator for Very Low Speed of Wind Turbine	Electric Vehicle Studies Center	Prof. Ir. Syamsir Abdul, Ph.D	syamsir@itpln.ac.id Phone: +62 81992492
3. Infrastructure Construction Management Standards Development and Modeling	Lean Manufacture of Infrastructure in Indonesia	Ranti Hidayawanti	ranti@itpln.ac.id Phone: +62 8337973237
4. Experimental Investigation of Physical and Mechanical Properties of Self Compacting Concrete (SCC) incorporating Lightweight Aggregate	Center for the Study of Civil and Materials Engineering	Muhammad Sofyan	m.sofyan@itpln.ac.id Phone: +62 82547207826
5. Smart Control on Hydrogen Energy for Electricity Mobility Powering	Technology and Applied Artificial Intelligence (TECH-AAI)	Abdul Haris	harismwiskang@itpln.ac.id Phone: +62 8933729530
6. Study of Fuel Safe Controller (FSC) System in New Renewable Energy Generation Grid System	Center for the Study and Research of New and Renewable Energy Sources	Iwan Tutuka Pambudi, Ph.D	iwan@itpln.ac.id Phone: +62 817681810

Submission of proposal from Uniten Project Leader to DOR college. The ITPLN Leader submits to ITPLN of the same project.

Submit to 20 July 2023 (Hardcopy Formulasi dan Pengalokasian kepada Manajemen P3C)

All this initiatives have been rolled out to increase research visibility of UNITEN, through international matching grants that address quintuple helix.



This is a RM120M building in UNITEN, the National Energy Centre.

A Nations' Pride



A National One Stop Energy Centre

Engaged in innovating the future of energy, a melting pot of facilities and labs working together as engines of inventions and discoveries

A Leading Institution

A think-tank of expertise transforming energy through research, development and commercialization

Capacity building

Contributes to Malaysia's socio-economic goals benefitting public, government, regulators, industry and academia

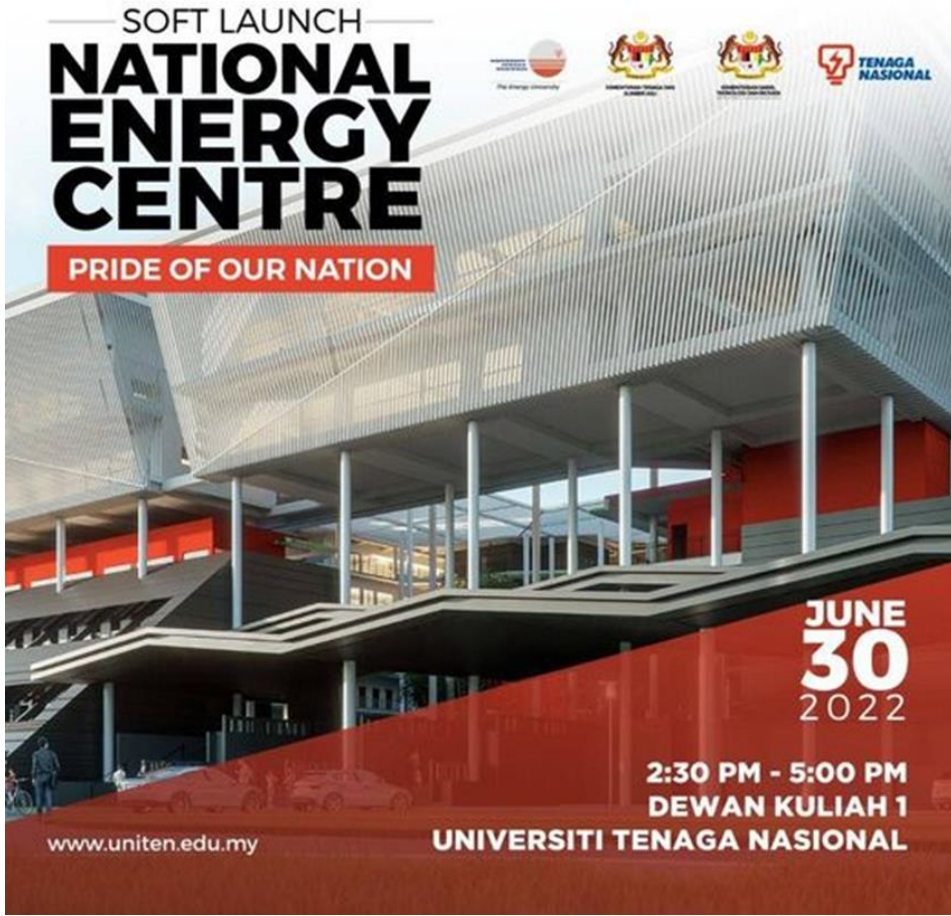


With the Minister of Higher Education when we presented on NEC together with UNITEN's management team.



Visit from Agensi LAKSANA (Unit Pelaksanaan dan Koordinasi Stimulus Ekonomi Antara Agensi Nasional) under MOF to NEC on 8 August 2023.

SOFT LAUNCH
NATIONAL ENERGY CENTRE
PRIDE OF OUR NATION



JUNE 30 2022
2:30 PM - 5:00 PM
DEWAN KULIAH 1
UNIVERSITI TENAGA NASIONAL

www.uniten.edu.my



Launched in June 2022 and officiated by the Deputy Minister of Energy and Natural Resources (KeTSA) and the Deputy Minister of the Ministry of Science, Technology and Innovation (MOSTI), the National Energy Centre (NEC) was established as a national centre of excellence to deepen aspects of the energy transition, covering issues of climate change, sustainable development and renewable energy.

LEAD UNIVERSITY IN SUSTAINABLE ENERGY



UNITEN RESEARCH INTERNATIONAL & NATIONAL RECOGNITION

MeQAR- Malaysia Qatar, Malaysia Rusia

MALAYSIA - QATAR - RUSSIA
STRATEGIC COOPERATION RELATIONS FRAMEWORK (MeQAR)



Strategic Framework presented to Minister of Higher Education for a program between Malaysia Qatar and Malaysia Rusia.

NiiSA National Project

NATIONAL INTELLIGENT DIGITAL SHARE LAB /
MAKMAL PERKONGSIAN CERDAS NASIONAL/NEGARA (NIIISA)



Figure 1: Conceptualisation of National Intelligent Digital Share Lab (NiiSA)

Strategic Framework presented to Minister of Higher Education for a National Intelligent Digital Share Lab

Institut Teknologi PLN Menerima Delegasi Asesor UNITEN Malaysia

May 22, 2023

Comments: 0

Posted by: Humas



Tim Asesor dari University Tenaga Nasional (UNITEN) Malaysia melakukan asesmen terhadap Institut Teknologi PLN (ITPLN) pada hari Senin – Selasa 22 – 23 Mei 2023. Asesmen dilakukan untuk memotret kondisi terkini dari ITPLN dalam rangka melakukan perbaikan proses akademis menuju Perguruan Tinggi berkelas Internasional. ITPLN dan UNITEN saat ini sedang dalam proses untuk menjadi sister university. Tim asesor yang hadir ke ITPLN terdiri dari Prof Ramesh Singh selaku Deputy Vice Chancellor Bidang Akademik dan International, Prof Hanim Salleh selaku Head of Quality Assurance, Assoc. Prof. Dr. Normy Norfiza selaku Head of Research Management Centre dan Dr. Abreeza Noorlina selaku Research Coordinator.

Hadir pada pembukaan asesmen Rektor ITPLN Prof. Dr. Ir. Iwa Garniwa M K, MT, beserta seluruh Wakil Rektor, Kepala Rektorat, Para Dekan dan Wakil Dekan, Kepala Program Studi dan Manajer Bagian terkait. Asesmen tersebut dilakukan secara menyeluruh meliputi penyusunan kurikulum, pengembangan riset, mencari dana riset, kompetensi-kompetensi dosen, mahasiswa internasional, dosen internasional, publikasi internasional, dan lain-lain.

RMC part of UNITEN assessor for research in an institution in Jakarta, Indonesia ITPLN.

UNITEN RECEIVES HIGHER INSTITUTION CENTRE OF EXCELLENCE RECOGNITION

Congratulations!

INSTITUTE OF SUSTAINABLE ENERGY ON HICoE 2022

A prestigious recognition by Ministry of Higher Education.
We are proud of you!

Higher Institution Centre of Excellence
Advanced Energy Harvesting Technologies
-Rapid Decarbonization

ISE **HICoE**

www.uniten.edu.my



JABATAN PENDIDIKAN TINGGI
 KEMENTERIAN PENDIDIKAN TINGGI
 Bahagian Kecemerlangan Penyelidikan IPT
 Aras 7, No 2, Menara 2,
 Jalan P5/6, Presint 5
 62200 PUTRAJAYA
 MALAYSIA

JPT | JABATAN
 PENDIDIKAN
 TINGGI

Tel: 603-88706961
 Faks: 603-88706867
 Portal Rasmi: <http://jpt.mohe.gov.my>

Ruj. Kami : JPT.S(BPKI)2000/016/018/015 Jld. 4 (31)
 Tarikh : 20 Julai 2023

YBrs. Prof. Madya Ts. Dr. Normy Norfiza binti Abdul Razak
 Pengarah
 Pusat Inovasi dan Pengurusan Penyelidikan
 Universiti Tenaga Nasional (UNITEN)
 43009 Kajang
SELANGOR

YBrs. Dr.,

MAKLUMAN BERKAITAN PERMOHONAN PUSAT KECEMERLANGAN PENDIDIKAN TINGGI (HICoE) TAHUN 2023

Dengan segala hormatnya perkara di atas adalah dirujuk.

2. Dimaklumkan bahawa Jabatan Pendidikan Tinggi (JPT) telah menerima permohonan Institute of Energy Infrastructure (IEI) bagi penarafan Pusat Kecemerlangan Pendidikan Tinggi (HICoE) Tahun 2023. Susulan itu, satu sesi penilaian data dan dokumen bagi permohonan tersebut telah diadakan oleh pihak Jabatan dan dimaklumkan bahawa IEI telah melepasi pemarkahan minimum untuk ke peringkat penilaian seterusnya iaitu penilaian tapak.

3. Justeru itu, satu Sesi Penilaian Tapak bagi Permohonan HICoE Tahun 2023 ke IEI, UNITEN akan diadakan pada ketetapan yang berikut:

Tarikh : 25 Julai 2023 (Selasa)
 Masa : 9.00 pagi – 5.00 petang
 Tempat : Institute of Energy Infrastructure (IEI)
 Universiti Tenaga Nasional (UNITEN)
 Putrajaya Campus
 Jalan IKRAM-UNITEN
 43000 Kajang, Selangor
 Tentatif : Rujuk Lampiran A

4. Sehubungan itu, kerjasama YBrs. Dr. adalah dipohon untuk memaklumkan perkara ini kepada pihak IEI bagi membuat persediaan semasa penilaian tapak



HICoE ACTION PLAN 4 SEPT



25 July 2023 Site Audit. We are the final 2 centre of excellences that made the cut to Site Audit by Ministry of Higher Education. 70 submissions nationwide applied.

This is also a promise as a Research Champion, to ensure institutes in UNITEN achieve a HICoE Status. This will be the 2nd HICoE if we were successful.





Institute of Sustainable Energy	<ul style="list-style-type: none"> 1 Bioenergy 4 Smart Hybrid RE System 	<ul style="list-style-type: none"> 2 Advanced Thin Film Solar Cell 5 Energy Sustainability Technology 	<ul style="list-style-type: none"> 3 Low Speed Wind Turbine 	
Institute of Energy Infrastructure	<ul style="list-style-type: none"> 1 Geospatial Technology 4 Geohazard Risk Reduction 	<ul style="list-style-type: none"> 2 Energy Water Security 5 Energy Science 	<ul style="list-style-type: none"> 3 Sustainable Built Environment 	
Institute of Power Engineering	<ul style="list-style-type: none"> 1 Flexible and Resilient Future Grid 	<ul style="list-style-type: none"> 2 Power Generation and Efficient Energy Utilization 	<ul style="list-style-type: none"> 3 Transmission & Distribution Advanced Technologies 	
Institute of Energy Policy and Research	<ul style="list-style-type: none"> 1 Energy Economics 	<ul style="list-style-type: none"> 2 Policy and Regulatory Framework 	<ul style="list-style-type: none"> 3 Social Transformation 	
Institute of Informatics and Computing in Energy	<ul style="list-style-type: none"> 1 Intelligent and Secure Energy Systems 	<ul style="list-style-type: none"> 2 Energy Data Integration and Governance 	<ul style="list-style-type: none"> 3 Energy Data Analytics and Visualisation 	

PRESENTING UNITEN RESEARCH ROADMAP TO MAHATHIR



Research Chairs

	Organization	Ministry
Institute of Sustainable Energy AAIBE Chair of Renewable Energy in UNITEN RM 20 Million	 AAIBE AKAUN AMANAH INDUSTRI BEKALAN ELEKTRIK Unit Akaun Amanah Industri Bekalan Elektrik (AAIBE)	 Kementerian Tenaga dan Sumber Asli (KeTSA)
Institute of Energy Policy And Research Chair in Energy Economics of Energy Commission at UNITEN RM 6 Million	 Suruhanjaya Tenaga (ST)	 Kementerian Tenaga dan Sumber Asli (KeTSA)
Institute of Informatics And Computing In Energy Tan Sri Leo Moggie Distinguished Chair in Energy Informatics RM 5 Million	 Tenaga Nasional Berhad (TNB)	
Institute of Energy Infrastructure Dam Safety Management Chair <small>* expected to commence in 2022</small> RM 5 Million	  Drainage Irrigation Department (DID) Sarawak Energy Berhad (SEB) TNB Power Generation (GenCo)	 Kementerian Alam Sekitar & Air (KASA)

Research Institutes are supported by chairs from government and industry.

UNITEN RESEARCH HIGHLIGHTS



Prof. Ir. Dr. Vigna Kumaran
A/L Ramachandaramurthy
College of Engineering (COE)
Institute of Power Engineering (IPE)

Prof. Datin Ir. Dr. Lariyah Bte Mohd Sidek
College of Engineering (COE)
Institute of Energy Infrastructure (IEI)

Congratulations!

2023 Top Research Scientists Malaysia (TRSM)
from Academy of Sciences Malaysia (ASM)



Congratulations!

Assoc. Prof. Ts. Dr. Normy Norfiza
Abdul Razak

International Visiting Scholar Program Shanghai Open University

Representing Malaysia 16-28 October, 2023



Congratulations!

Project Leader
Ir. Dr. Azfarizal
bin Mukhtar
Institute of Sustainable Energy (ISE)



Title
GS Mark III for Peatland
Fire Management

Allocation

USD 82,110.00

Program

International Innovation
Grant

From

United States Department
of Agriculture (USDA),
Forest Service Pacific
Northwest Research Station



UNITEN PERTAMINA

GRANT 2023



Dr. Ker Pin Jern
 ISE, UNITEN

Dr. Eng. Muhammad Abdillah,
 S.T., M.T.
 UPER

**PROJECT
 TITLE**

AN OPTIMIZED RECURRENT LONG SHORT-TERM MEMORY NEURAL NETWORK FOR REMAINING USEFUL LIFE AND FUTURE CAPACITY PREDICTION OF LITHIUM-ION BATTERY FOR ELECTRIC VEHICLE

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UNITEN PERTAMINA

GRANT 2023



Ts. Dr. Herda Yati Binti Katman
 IEI, UNITEN

Adita Utami, S.T., M.T
 UPER

**PROJECT
 TITLE**

ANALYSIS OF SOFT CLAY SETTLEMENT DUE TO TRAFFIC LOADING AND ROAD EMBANKMENT USING PLAXIS 3D

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The success of UNITEN researchers in securing international grants





Congratulations!

FRGS2023

Fundamental Research Grant Scheme (FRGS)



Prof. Ir. Dr. Khairul Salleh Bin Mohamed Sahari

Project Title:
Autonomous 3D Object Inspection Algorithm for Radiation Survey with Unmanned Aerial Vehicles

College of Engineering (CEE)
Institute of Power Engineering (IPE)



Assoc. Prof. Ir. Ts. Dr. Nurul Asyikin Binti Mohamed Radzi

Project Title:
Elucidating Model-Free Proximal Policy Optimization (MF-PPO) in Electric Vehicle Routing and Vehicle-to-Grid Load Balancing for SG-Enabled Charging Scheduling

College of Engineering (CEE)
Institute of Power Engineering (IPE)



Ts. Dr. Nuraslinda Binti Anuar

Project Title:
Effects of Malaysia climate and energy demand on the efficiency of a tightly coupled small modular nuclear reactor – solar energy hybrid energy system (SMR-SE HES).

College of Engineering (CEE)
Institute of Nuclear Energy (INE)



Dr. Nur Fadilah Binti Ab. Aziz

Project Title:
Optimal Configuration of Integrated Hybrid PV-ESS-Grid Sources for Ultra-fast EV Charging Station

College of Engineering (CEE)
Institute of Power Engineering (IPE)



Dr. Mohd Zafril Bin Baharuddin

Project Title:
Semantic Segmentation Algorithm for Mapping Mangrove Shoreline Structure, Degradation and Threat for Malaysian Coastal Forest

College of Engineering (CEE)
Institute of Energy Infrastructure (IEI)



Assoc. Prof. P. Geol. Cs. Ts. Dr. Rohayu Bte Che Omar

Project Title:
Hydromechanical slope stability models for moisture-induced landslides monitoring employing long-term remote geo-electrical tomography and seismic refraction.

College of Engineering (CEE)
Institute of Energy Infrastructure (IEI)



Dr. Noor Raida Binti Abd Rahman

Project Title:
Climate Change Risk and Adaptation Strategy Index (CCRASI) for Assessing Climate Change Risk and Adaptation Actions in the Energy Sector Using Text Mining Analysis

UNITEN Business School (UBS)
Institute of Energy Policy and Research (IEPR)



Assoc. Prof. Dr. Norhayati Binti Mat Husin

Project Title:
Synthesizing a Corporate Biodiversity Performance Assessment Framework by Integrating the Business Management Process and Input of Conservation Sector

UNITEN Business School (UBS)
Institute of Energy Policy and Research (IEPR)



Ts. Rina Binti Md. Anwar

Project Title:
A Hybrid Natural Language Processing-Convolutional Neural Network Approach (NLP-CNN) for Detecting Cyberbullying Severity in Malay-English Language

College of Computing & Informatics (CCI)
Institute of Informatics & Computing in Energy (ICE)

Congratulations!

FRGS2023

Fundamental Research Grant Scheme (FRGS)



Ir. Dr. Noor Shamsiah Othman

Project Title:
Modelling Path Loss for Sensor-to-UAV Network in Vegetated Environment and the Effects of Antenna Heights on its Performance for Low-Power Wide-Area-Networks

College of Engineering (CEE)
Institute of Power Engineering (IPE)



Aiman Bin Ismail

Project Title:
Investigation of Fiber Optic Distributed Acoustic Sensing (DAS) Setups Performances

College of Engineering (CEE)
Institute of Power Engineering (IPE)



Dr. Rabiah Eladwiah Binti Abdul Rahim

Project Title:
E-Health Motivational Framework for Malaysian Older Adults

UNITEN Business School (UBS)
Institute of Energy Policy and Research (IEPR)



Prof. Ts. Dr. Manjit Singh Sidhu

Project Title:
Effects of Metaverse Technology using Constructivism Approach in Engineering Education

College of Computing & Informatics (CCI)
Institute of Informatics & Computing in Energy (ICE)



Dr. Evelyn Yeap Ewe Lin

Project Title:
The Development of Attributes through Digital Technology-embedded Outdoor Experiential Learning Process among Malaysian Undergraduates

College of Continuing Education (CCE)
Institute of Energy Policy and Research (IEPR)



Masyura Binti Ahmad Faudzi

Project Title:
An Empirical Study to Investigate the Impact of Mobile Learning User Interface Design on Cognitive Load to Support the Success of Malaysia Education Blueprint 2013-2025

College of Computing & Informatics (CCI)
Institute of Informatics & Computing in Energy (ICE)



Nurfanizan Binti Mohd Afandi

Project Title:
Thermodynamics analysis of syngas production via chemical looping reforming using biogas derived palm waste as fuel.

College of Engineering (CEE)
Institute of Sustainable Energy (ISE)



Assoc. Prof. Dr. Abreeza Noorlina Binti Abd Manap

Project Title:
Nanofiber Dispersion and Diffusion Behaviour of Porous Nanocellulose-reduced Graphene Oxide Film Prepared via Hexagonally Micro-patterned Wax Printing Approach for Flexible Photovoltaics

College of Engineering (CEE)
Institute of Sustainable Energy (ISE)



Siti Zubaidah Binti Othman

Project Title:
Synthesis and Characterization of Hybrid Hydrogel Derived from MXenes/MOGs for Bioenergy Cases

College of Engineering (CEE)
Institute of Sustainable Energy (ISE)

Each and every achievement to appreciate and to aspire other researchers.

Highly Cited
Researcher
2022
Clarivate™



❖ **Prof. Dr. M A Hannan**
Institute of Sustainable Energy

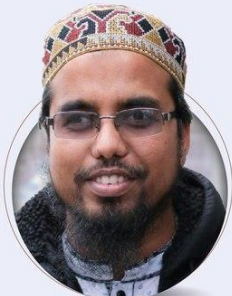


Congratulations!

World's Influential Researchers. Ranked in the top 1% by citations.



Prof. Dr. T.M. Indra Mahlia
Institute of Sustainable Energy
2nd Affiliation



Dr. Md Mofijur Rahman
Institute of Sustainable Energy
2nd Affiliation



Dr. Islam Md Rizwanul Fattah
Institute of Sustainable Energy
2nd Affiliation



UNITEN-TELCOM University Matching Grant



Congratulations!

Ts. Dr. Hassan Bin Mohamed
 Institute of Sustainable Energy



Project Title

Food and Agricultural waStE conversion into bioenERgy (FASTER)

with total allocation **€8,000**

France - Malaysia Collaboration Programme For Joint Research 2023 (MyTiger)

www.uniten.edu.my



Assoc. Prof. Dr Lloyd Chua
 Deakin University



Ir. Dr. Hidayah Basri
 Institute of Energy Infrastructure



Prof. Datin. Ir. Dr. Lariyah Mohd Sidek
 Institute of Energy Infrastructure



Prof. Dr. Kim Neil Irvine
 Thammasat University

Congratulations!

For Securing **Collaborative Regional Research Programme (CRRP)**

For Total Amount of

USD87,000
 (RM387,063.00)

- Real-Time Flood Modelling for Improved Community Resiliency in Southeast Asia

www.uniten.edu.my
 facebook.com/uniten



DR. ABREEZA NOORLINA
BTE ABD. MANAP



ASSOC. PROF. IR. DR
HASRIL HASINI



ASSOC. PROF. DR.
MOHAMED ANSARI
MOHAMED NAINAR

HEARTIEST
Congratulations!

UNITEN-Universitas Pertamina Matching Grant 2022

Congratulations!



Prof. Dr. M A Hannan
Institute of Sustainable Energy



Prof. Dr. Nowshad Amin
Institute of Sustainable Energy



**Dr. Al Mahfooth
Ali Najah Ahmed**
Institute of Energy Infrastructure



**Prof. Ts. Dr. Saifuddin
bin Hj. M. Normanbay**
Institute of Sustainable Energy



Dr. Wong Leong Sing
Institute of Sustainable Energy



Dr. Ker Pin Jern
Institute of Sustainable Energy



**Prof. Ir. Dr. Vigna Kumaran
Ramachandaramurthy**
Institute of Power Engineering

UNITEN researchers ranked on **WORLD'S TOP 2% SCIENTISTS 2022**

Congratulations for an exceptional research performance
with recognition by Elsevier.

Congratulations!



Special Award

Mdm. Azleyanti Nurain Binti Azmin
Institute of Sustainable Energy

Project Title:
 Waste Plastic Bottle into Solid Adsorbents for Green Energy Production



Outstanding Innovation Awards

Dr. Firas Basim Ismail
Institute of Power Engineering

Project Title:
 A Novel Footstep Power Generator using Magnetic Repulsion for Public Areas

GOLD Awards



Dr. Firas Basim Ismail
Institute of Power Engineering

Project Title:
 A Novel Footstep Power Generator using Magnetic Repulsion for Public Areas



Mdm. Azleyanti Nurain Binti Azmin
Institute of Sustainable Energy

Project Title:
 Waste Plastic Bottle into Solid Adsorbents for Green Energy Production



Gs. Ts. Nazirul Mubin Bin Zahari
Institute of Energy Infrastructure

Project Title:
 Smart On-Site Floating Controlled Water Quality Monitoring Device for Aquaculture Application



Ts. Dr. Ing Zarina Binti Itam
Institute of Energy Infrastructure

Project Title:
 MyCeno Lightweight Cenosphere Tiles



Ts. Dr. Salmia Binti Beddu
Institute of Energy Infrastructure

Project Title:
 Bottom Ash Self-Compacting Brick (BASCO-B)

SILVER Awards



Ts. Dr. Hassan Bin Mohamed
Institute of Sustainable Energy

Project Title:
 Triple Sans - Banknote Disinfection System (Sanitizing Solution, Ultraviolet Light and Heater)



Ms. Alicia A/P Philip
Institute of Energy Policy & Research

Project Title:
 Creating an Engaging Learning through Visually Aesthetic Notes Design



Me with the chair holder and institute director after presenting our progress at the Ministry of Energy and Natural Resources.

UNITEN RESEARCH ASPIRATION

UNITEN by 2025





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1997 - 2022

"Leaping into the future together"

THANK YOU