Civil Engineering Insight

FKA 54

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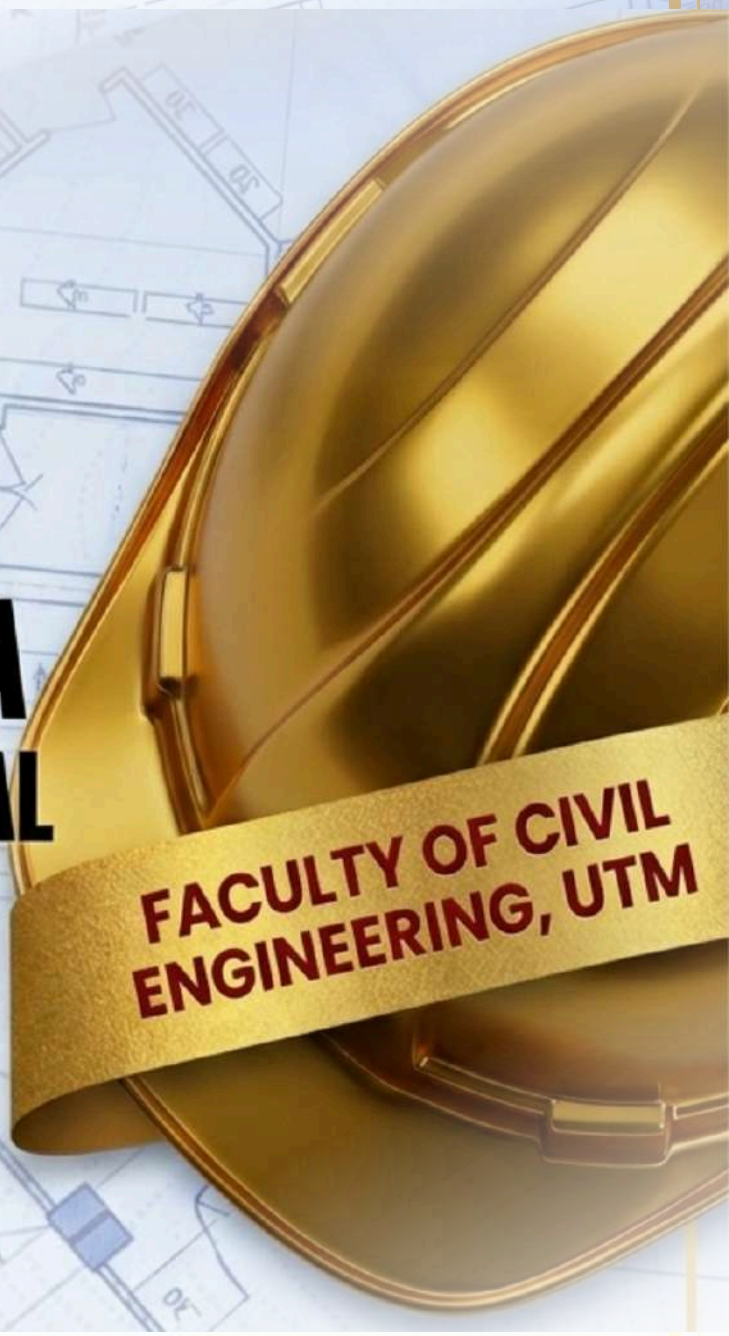
IN MALAYSIA

CIVIL & STUCTURAL ENGINEERING

QS WORLD UNIVERSITY RANKINGS

BY SUBJECT 2026



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Civil Engineering Insight

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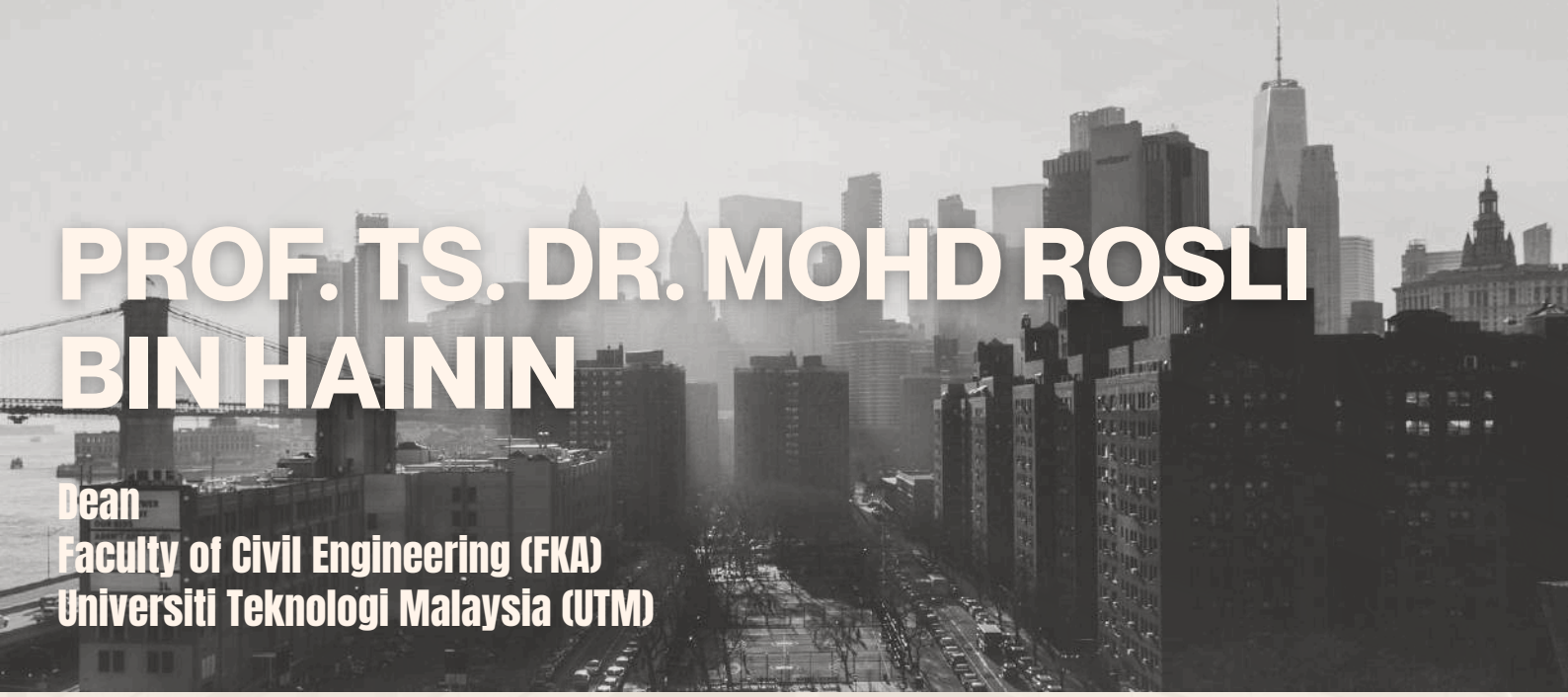
EDITOR'S NOTE

Welcome to the first edition of Civil Engineering Insight, covering the first quarter of January to March 2026. As we lay the groundwork for a new year, this issue celebrates a season of remarkable momentum.

A centerpiece of this edition is our new Alumni Spotlight, featuring graduates who are currently transforming urban landscapes across the globe. By connecting the academic rigor of our halls with the real-world impact of our alumni, we aim to inspire our current cohort to engineer with both precision and purpose. As we transition from the planning phase of Q1 into a year of execution, let these stories of innovation and resilience serve as your blueprint for excellence.



PROF. TS. DR. MOHD ROSLI BIN HAININ

Dean
Faculty of Civil Engineering (FKA)
Universiti Teknologi Malaysia (UTM)

DEAN FOREWORD

Assalamualaikum and warm greetings.

Welcome to the **first edition of Civil Engineering Insight.** In 2026, we are proud to officially rebrand the FKA e-Bulletin to reflect the evolving pulse of our faculty and our commitment to providing deeper industry perspectives.

Our mission has always been to foster an environment where curiosity meets capability. This spirit of excellence was recently validated on a global stage. On 25 March 2026, the University announced that **FKA ranked No. 1 in Malaysia and No. 90 in the world for Civil & Structural Engineering in the QS World University Rankings by Subject**. I extend my warmest gratitude to the FKA staff and partners who made this possible. Through our concerted efforts, I am confident we will sustain and build upon this remarkable success.

What truly elevates this inaugural issue is the launch of our Alumni Spotlight. The story of this faculty does not end at graduation. Seeing our former students lead industries and pioneer new technologies is the ultimate validation of our work. By featuring these trailblazers, we bridge the gap between academic theory and global practice, offering our current students a roadmap for their own success.

As we navigate 2026, I encourage you to engage deeply with this bulletin. Let the achievements of your peers and the journeys of our alumni inspire your next breakthrough. We are a community defined by a shared pursuit of knowledge and a commitment to making a difference. Thank you for being an integral part of this journey.

Thank you.

Prof. Ts. Dr. Mohd Rosli bin Hainin
Dean

Congratulations

Universiti Teknologi Malaysia has been ranked as

Dean's Address
FKA Strategic Roadmap 2026

The Faculty of Civil Engineering (FKA) recently held its annual Majlis Perutusan Dekan 2026 at the Siti Hamisah Tapsir Smart Classroom. Under the theme "Innovating Sustainable Solutions," the Dean outlined a transformative roadmap for the faculty, deeply rooted in the core values of UTM and a vision for a global impact.

A Strong Foundation of Talent

FKA continues to grow as a powerhouse of academic and professional excellence. Currently, the faculty supports a vibrant community of 1,796 undergraduate students and 473 postgraduate students, including 172 PhD candidates.This student body is guided by a distinguished team of 121 academic staff, featuring 14 Professors and 26 Associate Professors. Notably, the faculty emphasizes professional mastery, with 33 staff members holding Professional Engineer (Ir.) status and 33 as Professional Technologists (Ts.). To further bolster research excellence, the faculty has set a target for each academician to supervise at least six PhD students.

Guided by "Adab" and Humanity

The faculty's mission is anchored in the UTM motto, "Kerana Tuhan untuk Manusia" (For God for Humanity). A central theme of the 2026 address was the concept of ADAB, inspired by the Royal Keynote Address of Her Majesty Raja Zarith Sofiah. As Her Majesty noted

> "Whatever progress we make, it must be guided by adab. The discipline of giving things their proper place"

Looking Ahead: Sustainability and Community

The faculty has set ambitious sustainability targets, including contributing to a 30% reduction in the university's carbon footprint and aiming for RM 500m in annual gross revenue by 2030. Furthermore, FKA is committed to social responsibility, planning 70 new R&D-based community transformation projects to advance regional well-being.

As we move forward, FKA is also refreshing its identity. We are proud to introduce our new faculty bulletin, "Civil Engineering Insight," which will serve as the premier platform for sharing our latest breakthroughs and stories of excellence.

Join us as we build the future—one sustainable solution at a time.

Strategic Leap: UTM ASCEND 2030

As the global academic landscape shifts, FKA enters 2026 with a singular vision: Global Excellence. Built upon four strategic pillars, our action plan is more than a checklist—it is a commitment to scholarly innovation, humanity-centric learning, and institutional sustainability.

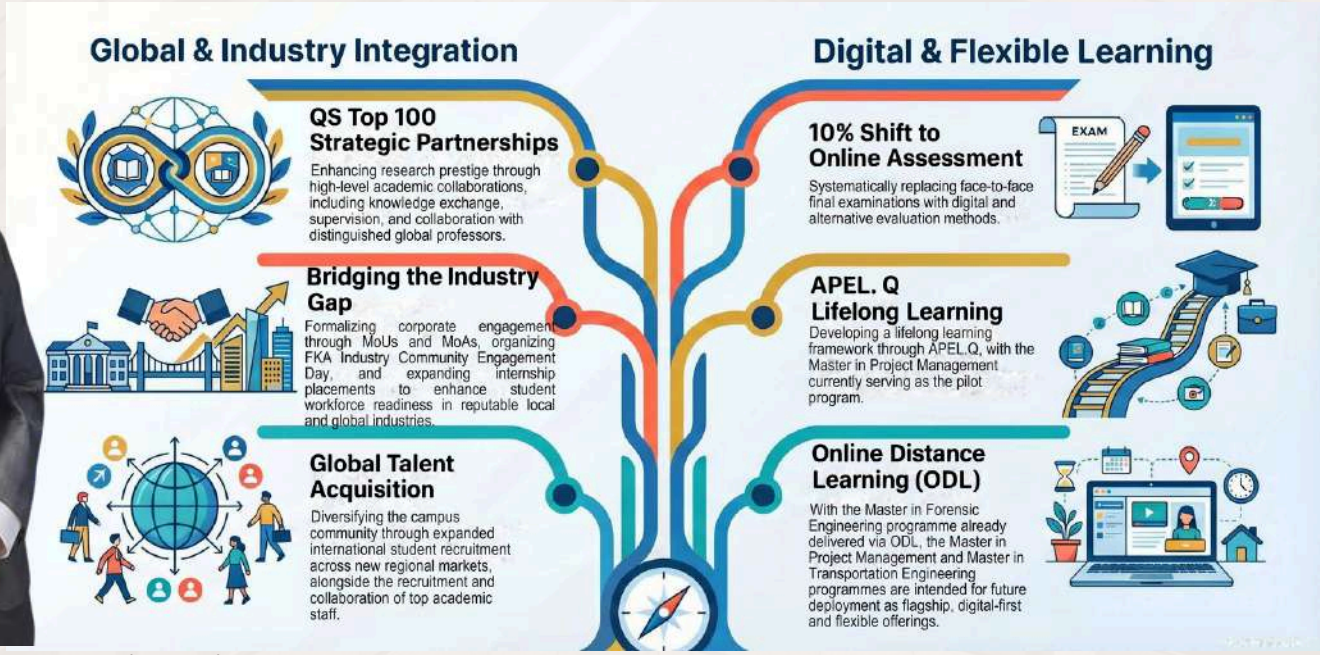
Strategic Excellence

Prof. Ts. Dr. Mohd Rosli bin Hainin
Dean

Research and Innovation

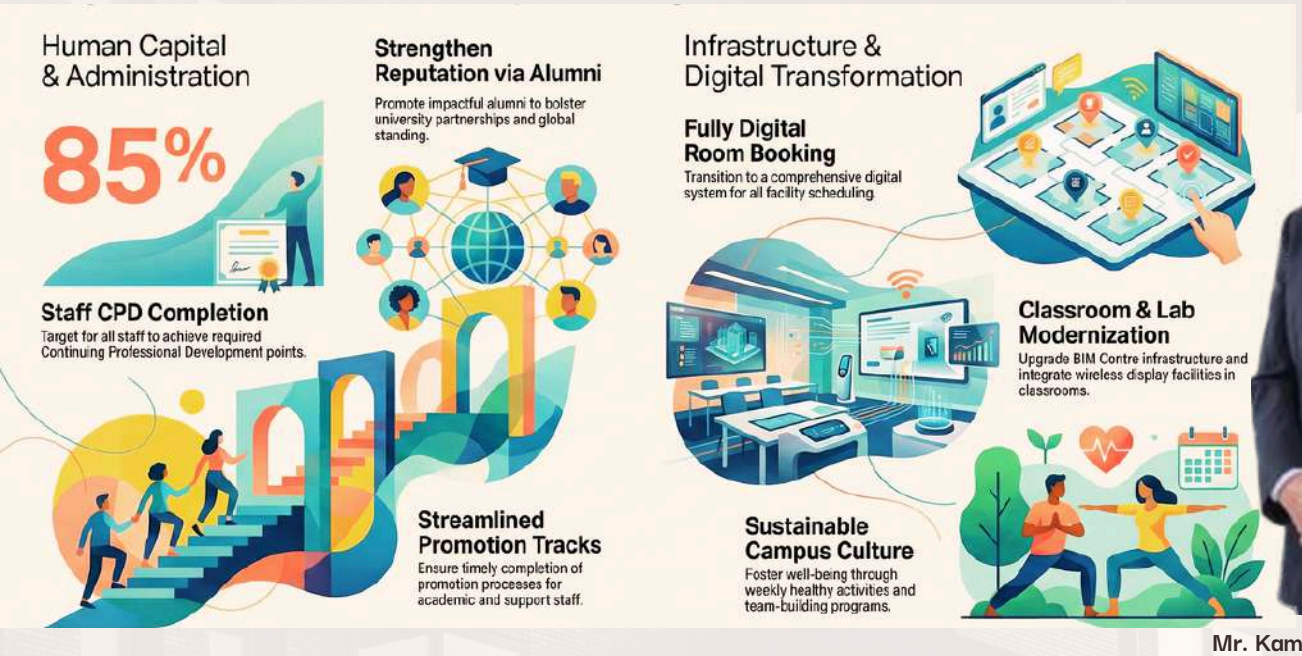
Prof. Ir. Ts. Dr. Ahmad Safuan bin A Rashid
Deputy Dean (Research, Innovation & Development)

Academic Evolution



Assoc. Prof. Ir. Ts. Dr. Mohamad Hidayat bin Jamal
Deputy Dean (Academic and Student Affairs)

High Performance Delivery



Mr. Kamsaini bin Kamaruddin
Senior Deputy Registrar

UTM Universiti Teknologi Malaysia | Faculty of Civil Engineering

Organization Chart
Faculty of Civil Engineering

PROF. TS. DR. MOHD ROSLI BIN HAININ
Dean

ASSOC. PROF. IR. TS. DR. MOHAMAD HIDAYAT BIN JAMAL
Deputy Dean
Academic & Student Affairs

PROF. IR. TS. DR. AHMAD SAFUAN BIN A. RASHID
Deputy Dean
Research, Innovation and Development

KAMSAINI BIN KAMARUDDIN
Executive Faculty Manager

ASSOC. PROF. TS. DR. MARIYANA AIDA BINTI AB. KADIR
Manager
External & Global Engagement

DR. MOHD ZAMRI BIN RAMLI
Manager
External Program Academic

TS. DR. MOHD KHAIRUL IDHAM BIN MOHD SATAR
Head of Department
Department of Geotechnics and Transportation

ASSOC. PROF. DR. ROSLLI NOOR BIN MOHAMED
Head of Department
Department of Structure and Materials

DR. NORALIANI BINTI ALIAS
Head of Department
Department of Water and Environmental Engineering

DR. MOHD HAFIZ BIN PUTEH
Manager
Academic Quality

MARYAM JAMILAH BINTI MUSA
Manager
Undergraduate Academic & Students Affairs

NURIN ASYIKA BINTI ABD JALEL
Manager
Postgraduate Academic & Students Affairs

Programme Coordinator

DR. AIDEE KAMAL BIN KHAMIS
Manager
Information & Research

MOHD NAZMI BIN ISMAIL
Manager
Laboratory

HAZLINA BTE STAM
Manager
Human Resource

NUR NISA SABRINA BINTI MOHD MUHADIR
Executive
Quality

Executive
Finance

NORANIZAM BIN HAJI DEMIN
Executive
IT

MUHAMMAD HAQIM BIN AHMAD
Executive
Facility

Technical Staff / Research Assistant / Supporting Staff

FACULTY OF CIVIL ENGINEERING TIMELINE

UTM
UNIVERSITI TEKNOLOGI MALAYSIA

1904

- The Civil Engineering course began as a technical studies class, located at Kuala Lumpur City Council Building.

1906

- The Technical School was established with a vital mission: To Train Local Personnel for the Expanding Infrastructures. It was located at Museum Building, Bukit Nenas, Kuala Lumpur.

- Inspired by the challenges on Complex Issues of Geoengineering related to tropical climate, GEOTROPIK was established in September 2015 by a group of researchers led by Prof. Dr. Edy Tonnizam Mohamad which was then appointed as the first director of GEOTROPIK.
- The World International Award Festival 2016 (WIAF) showcased outstanding achievements in academia and innovation. Among the distinguished recipients, Prof. Dr. Muhamad Zalmi bin Abd. Majid was honored with the prestigious World Inventors Award and received the Gold Peacock top merits, while Prof. Dr. Mohd Warid bin Hussin was recognized with the esteemed World Scientist Award and appointed as a Visiting Professor at Ko Academy KIA.

1925

- The Technical School expanded its intake to include staff from Public Work Department, the Railway Department, the Survey Department, and the Drainage and Irrigation Department. It was located at Jalan Brickfields (now Jalan Tun Sambanthan).

1941

- The former building of the Technical College at Jalan Bandar, Kuala Lumpur.

1946

- The Institution was renamed the Technical College Kuala Lumpur, offering three-year Diploma courses in Civil, Mechanical, and Electrical Engineering, Architecture, Town and Country Planning, Land Surveying, and Quantity Surveying.

1951-1955

- Construction of a new campus began in 1951 at Jalan Gurney (now Jalan Tahya Petra).
- By March 1955, the construction was completed, and the campus became fully operational.

1972

- University era began on 14th March 1972 when the college was granted a university status and it was named as Institut Teknologi Kebangsaan (ITK).
- Engineering courses were taught under the Faculty of Engineering, and Civil Engineering was one of the departments in the faculty.

1975

- The Institut Teknologi Kebangsaan was recognized as a university and adopted its current name, Universiti Teknologi Malaysia (UTM).
- The Department of Civil Engineering evolved into the Faculty of Civil Engineering.
- Dato' Associate Prof. Ir. Hj. Abdul Aziz bin Din was appointed as the first dean of FKA in May 1975.

1976-1986

- The Faculty received significant support through international cooperation, including the Fulbright Exchange Programme with the State University of New York (SUNY) and the British Council.
- Professors from universities in the United Kingdom and United States contributed to the formulation and assessment of the curriculum and teaching materials. In 1977, Faculty of Civil Engineering's degree courses gained recognition from institutions of engineers Malaysia (IEM).

- Assoc. Prof. Dr. Azhan Bin Ashrin won a gold medal at the 33rd International Exhibition of New Technologies, Innovations, and Products in Geneva with his creation titled "Digital Triaxial Seismo Accelograph System Using Mass and Hall Sensors"(2005).
- Assoc. Prof. Dr. Khairul Anuar bin Kassim won gold medal at the 34th International Exhibition of Inventions, new Techniques and Products, Geneva, Switzerland, 2006.

1988-1989

- The campus moved from Jalan Gurney to Skudai, Johor, retaining the Kuala Lumpur campus as a branch.
- Asia Pacific Structural Analysis Conference (APSAC) first launched.
- Prof. Emeritus Dato' Ir. Dr. Zainal bin Mohamed was appointed as the dean in 1988.
- Associate Professor Ishak bin Abdul Rahman was appointed as the dean in 1980.
- Assoc Prof. Ir. Dr. Mohd Zaln bin Hj. Yusof was appointed as the dean in 1982.
- Dato' Wira Ir. Dr. Mohammad Noor bin Hj. Salleh was appointed as the dean in 1986.

1990

- The Centre for Coastal and Ocean Engineering (COE) was officially established, becoming Malaysia's first R&D institution specializing in coastal and offshore engineering. Dato' Prof Dr Abdul Aziz bin Ibrahim was its inaugural Director.
- International Conference on Geotechnical Engineering in Tropical Regions (GEOTROPIKA) was first held.
- Assoc. Prof. Ishak bin Abdul Rahman was appointed as the dean.

- The faculty obtained ISO 9000 certification for academic management and ISO 17025 Certification for its Civil Engineering Testing Unit (CETU).
- Establishing two centres of excellence: Road Construction Technology Management Centre and the Civil Engineering Testing Unit.
- Introducing the Bridge Design Competition among students as an annual event in 1999.
- Establishing research and development collaboration between the Faculty of Engineering and Built Environment and Indah Water Consortium and Equiventures Sdn. Bhd.

1992

- Prof. Dr. Hamisah binti Tapsir was appointed as School of Professional and Continuing Education (SPACE) first director.
- Tan Sri Prof. Ir. Dr. Mohd. Zulkifli bin Tan Sri Mohd. Ghazali was appointed as the dean.
- Prof. Emeritus Ir. Dr. Mohd. Azraai bin Kassim was appointed as the dean in 1998.
- Invention of Sine-Slab in Controlling Coastal erosion was awarded gold medal in the prestigious 27th International Exhibition of Invention Geneva '99 in Switzerland. Two of the researchers namely Assoc. Prof. Dr. Noraeini binti Hj. Makhtar and Assoc. Prof. Hadibah binti Ismail were awarded a WIPO Gold Medal - Best Woman Inventors 1999

1997 - 2000

2001

- Tan Sri Prof. Ir. Dr. Mohd. Zulkifli bin Tan Sri Mohd. Ghazali was appointed as UTM Vice Chancellor.
- The administration of the faculty was relocated from Block C07 to Block M46.
- Assoc. Prof. Dr. Khairul Anuar bin Kassim won gold medal at the 29 th International Exhibition of Inventions, New Techniques and Products, Geneva, Switzerland.
- Assoc. Prof. Dr. Hasanan bin Md. Nor was appointed as the dean.

2005-2006

2008-2009

- Prof. Ir. Dr. Abdul Karim bin Mirasa was appointed as the dean in 2008.
- Prof. Dr. Shahrin bin Mohammad was appointed as the dean in 2009.
- FKA was awarded the Vice Chancellor's Quality Award in 2009 and recognized within the top 200 globally by the QS World Ranking.
- Delegation from UTM Faculty of Civil Engineering (FKA) bagged ten awards and certificates at built and test structure competition programme entitled "Introducing and Demonstrating Earthquake Engineering Research in Schools (DEERS)" held at Taiwan National Centre for Research on Earthquake Engineering (NCREE), Taipei.
- International Conference on Water Resources (ICWR) was first held in 2009.

2012

- UTMCREG was established in 2012 with Prof. Ir. Dr Mahmood bin Md. Tahir as the first director. The aim of the centre is mainly to stimulate and facilitate collaboration and information exchange between universities, government research institutes and organizations engaged in the building and construction sector.
- Prof. Dr. Khairul Anuar bin Kassim and Assoc. Prof. Dr. Kamarudin bin Hj. Ahmad awarded with the Telford Premium Award at the Institution of Civil Engineers (ICE) United Kingdom.

2013

- UTM Solar Group Home, participated in the Solar Decathlon China 2013, (SDC2013) in Dafang, China.
- FKA won special award under the innovation category at the glamorous Malaysian Construction Innovation Excellence Award, MCIEA, 2013 ceremony.
- Signed a memorandum of understanding (MoU) with IKRAM Sdn Bhd for academic excellence and research innovation collaboration.
- The inaugural Civil Engineering department to achieve dual ISO certifications: ISO 9000 for Quality Management Systems (QMS) and ISO 170 for laboratory accreditation.

2014

- The Civil Engineering program at the Faculty of Civil Engineering, Universiti Teknologi Malaysia has achieved remarkable milestone of being ranked No.1 in Malaysia according to the prestigious QS World University Rankings.

2015

- Prof. Dr. Khairul Anuar bin Kassim was appointed as the dean.
- The Forensic Engineering Centre (FEC) was established in February 2015, as an effort to integrate available expertise in various fields at UTM to understand and to overcome complex problems related to forensic engineering. Prof. Ir. Dr. Mohd Hanim bin Osman was appointed as the first Director of FEC.
- FKA ranked 101-150 position in QS World Ranking in Civil Engineering subjects.

2016

- Department of Water and Environmental Engineering was formed on 1st December 2017 with the merging of two departments : Department of Hydraulic and Hydrology and Department of Environmental Engineering.
- An MoU was signed between UTM FKA and CSDC Academy Sdn. Bhd.

2017

2018

- Faculty of Civil Engineering was transformed to School of Civil Engineering under UTM Synergy 4.0.
- 'School of Civil Engineering' has been introduced and merged with other engineering school entities under Faculty of Engineering.

2019

- 1st International Conference on Highway and Transportation Engineering (1st ICHITRA) officiated by YB Hj Mohd. Anuar bin Tahir, Deputy Minister, Ministry of Works.
- In conjunction,a Letter of Co-operation was signed between The School of Civil Engineering, UTM and the Faculty of Engineering, University of The Ryukyus, Japan and AHN Vertex Sdn Bhd.

2020

- International Webinar on Marine Environments Facilitating Marine Environmental Awareness through Research and Education was held.
- FKA signed an MoU with Construction Research Institute of Malaysia (CREAM).

2021

- Prof. Dr. Norhazilan bin Md. Noor was appointed as the chairman School of Civil Engineering.
- Prof. Dr. Edy Tonnizam bin Mohamad, Prof. Ir. Dr. Mahmood bin Md. Tahir, Assoc. Prof Dr. Shamsuddin Shahid were awarded as World Top 2% Researchers by Stanford University.
- MoU signing ceremony was held between JKR, UTM and UTM, in the field of Structural Forensic Engineering.

2022

- The School of Civil Engineering reverted back to its original designation as the Faculty of Civil Engineering.
- Assoc Prof. Ir Ts. Dr Ahmad Safuan bin A Rashid received the Top Research Scientists Malaysia (TRSM) award from Akademi Sains Malaysia (ASM).
- Dr. Mohd Khairul Idlan bin Mohammad received Gold medal for The Best Thesis among national higher Education institution in conjuction with World Water Day.

2023

- Pavement & Transportation Research Group - PTRG won the Grand Prize, Silver Award and Special Award in Seoul International Invention Fair (SIIF) 2023 which was held on 1st-4th November 2023.
- Assoc. Prof. Dr. Suhaimi bin Abu Bakar was appointed as the dean.
- Prof. Dr. Edy Tonnizam bin Mohamad, Prof. Ir. Dr. Mahmood bin Md. Tahir, Assoc. Prof. Ir. Ts. Dr. Ahmad Safuan bin A Rashid and Prof. Dr. Shamsuddin Shahid was recognized as World's Top 2% Scientist by Stanford University.
- US News and World Report Best Global University Ranking, UTM ranked Top 10 in Civil Engineering in the World.
- FKA Industry-Community Engagement (ICE) Day was initiated on 11 December 2023.

A LEGACY OF EXCELLENCE:
FKA SWEEPS 68TH GRADUATE EMPLOYABILITY AWARD

Leading by the Numbers: Competitive & Industry-Ready

Data from the 2024 Graduate Tracer Study (SKPG) for UTM's 68th Convocation reveals a faculty performing at its peak. FKA's employability statistics tell a story of graduates who are not just job-seekers, but industry-shapers:

- Undergraduate Employability: 96.80%
- Postgraduate (Master's & PhD) Employability: 91.74%

These figures underscore a vital truth: FKA graduates enter the workforce equipped with a formidable toolkit of technical precision, critical thinking, and the professional agility required to excel in the global civil engineering landscape.

A Celebration of Professional Distinction

The recognition ceremony was held at the UTM Career Centre (L51) in Johor Bahru and was officiated by YBrs. Prof. Ts. Dr. Ali bin Selamat, Deputy Vice-Chancellor (Student Affairs & Alumni).

Accepting the award on behalf of the faculty was the Dean of FKA, Prof. Ts. Dr. Mohd Rosli Hainin, joined by the Deputy Dean (Academic & Student Affairs), Assoc. Prof. Ir. Ts. Dr. Mohamad Hidayat Jamal, and the FKA Graduate Employability Ambassador (GEA), Dr. Mohamed Zuhaili Mohamed Najib.

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> "This achievement is a testament to the collective synergy of our entire faculty. FKA is steadfast in its mission to develop civil engineers who are not only technically elite but possess the resilience and foresight to lead in the era of Industry 4.0."
>
> **Prof. Ts. Dr. Mohd Rosli bin Hainin**
> **Dean**

The Resilient Journey of Dato' Ir. Hj. Mohamad Khairi Ambran

At a Glance

FULL NAME
Dato' Ir. Hj. Mohamad Khairi Ambran, DIMP, AMP

CURRENT POSITION
Managing Director, Khairi Consult Sdn. Bhd (KCSB)

KEY CREDENTIALS
PEPC, FIEM, FCINT and Adjunct Professor at UTM FKA

The 10 Qualities of Leadership

L.E.A.D.E.R.S.H.I.P.

E. Empower others

A. Act with integrity

D. Driven to succeed

E. Engage in active listening

R. Resilient in challenges

S. Show empathy

H. Hold themselves accountable

I. Inspire through vision

P. Prioritise team growth

THE ICON & THE LEGACY

Impact, Visual Branding, The Now

Dato' Ir. Hj. Mohamad Khairi Ambran is a distinguished Malaysian civil engineer and entrepreneur whose journey began at Universiti Technologi Malaysia, where he earned his B.Eng. (Hons.) in Civil Engineering (1973-1978). He furthered his specialization with an M.Sc. in Highway Engineering from the University of Strathclyde, Scotland (1985-1987), before founding Khairi Consult Sdn. Bhd. (KCSB) in 1994.

Under his visionary leadership, KCSB has evolved from a small operation into one of Malaysia's largest and most respected Bumiputera engineering consultancies, employing over 240 professionals across seven countries. Recognized as a national icon, Dato' Ir. Hj. Mohamad Khairi's work has shaped major highways, railways, and international masterplans. Despite his immense corporate success, he remains deeply rooted in his alma mater, currently serving as the President of the UTM Alumni Association and sharing his vast expertise as an Adjunct Professor at the Faculty of Civil Engineering (FKA) for the 2025/2026 term.

INSIGHTS & INSPIRATION

Deep-Dive Interview and Nostalgic Connection

Nostalgia & Campus Life

Q: Looking back at your time at UTM, what is the first memory that comes to mind?
When I reflect on my student days at UTM, the first memory that comes to mind is the strong sense of camaraderie and resilience among students. Life as an engineering student was demanding long nights completing assignments and preparing for exams, but those challenges created lasting friendships and unforgettable experiences.

Q: Did you have a favorite spot on campus where you spent most of your time?
I did not have one specific favorite spot, but I loved to go to the library where I found peace. It was the one place I could focus on my studies without any distractions.

Q: What do you miss most about being a student at UTM?
What I probably miss the most is the simplicity of student life and the spirit of exploration. At UTM, every challenge felt like an opportunity to learn something new, and every discussion with classmates or lecturers broadened our perspectives. Those formative years laid the foundation for the leadership and resilience needed in the engineering profession.

THE ALMA MATER & FUTURE

Q: How has your ongoing connection with UTM influenced your professional network?
The UTM alumni network is a powerful professional community. Many graduates are now in key positions across government agencies and firms, and these shared roots open doors for collaboration and knowledge exchange. As President of PAUTM, it has allowed me to reconnect with my university after losing contact for over 45 years.

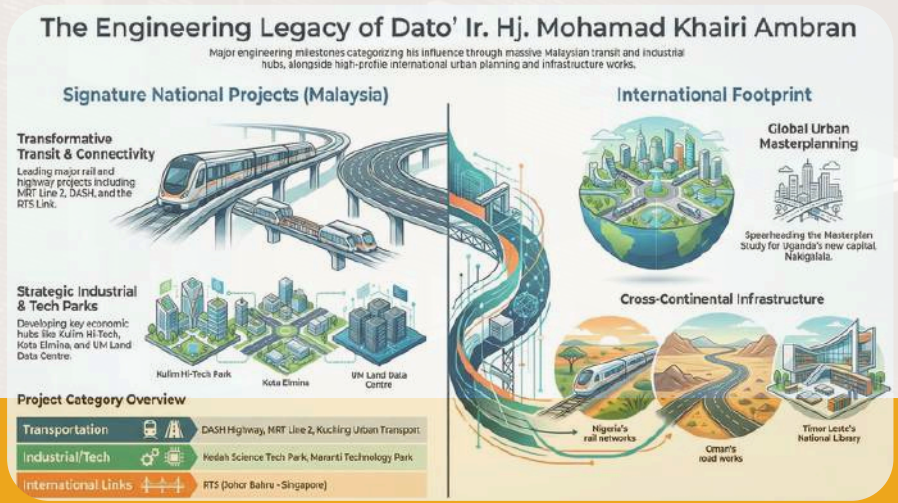
Q: How does Khairi Consult collaborate with UTM today?
We view it as a strategic partnership. When KCSB requires special expertise not available in-house, we collaborate with the university for support. This allows the university to apply classroom theories to practice while our firm learns something new. I also serve as an industry panel member (IAP) to ensure the curriculum remains relevant to the industry.

THE PROFESSIONAL PATHWAY

Q: What was the most vital skill you gained from UTM that helped you in your career?
The most vital skill was structured problem-solving. At the faculty, we were trained to analyze complex problems systematically–identifying root causes and evaluating solutions based on technical evidence. This mindset has been invaluable in my journey as Managing Director, where decisions involve technical, financial, and strategic considerations.

Q: How did the university environment prepare you for the "Theory vs. Reality" of the industry?
First, it built **resilience**. The demanding deadlines at UTM taught me to stay composed under pressure, which is essential in the unpredictable world of consulting. Second, it shaped my **leadership** style. Managing student teams served as the blueprint for how I lead at KCSB today, where I focus on mentorship and aligning people toward a shared vision. Finally, it taught me the power of **networking.** I realized early on that successful consultancy is built on more than just technical skill; it is built on a foundation of trust and long-term relationships with our stakeholders.

Q: What was the biggest challenge in transitioning from an engineer to a Managing Director?
The most significant challenge was moving from being a technical problem-solver to a strategic leader. I had to learn to trust and empower my team of engineers to handle technical details while I focused on long-term vision and organizational growth. I also had to balance business strategy and financial sustainability with engineering integrity and professional ethics.



ADVICE TO NEXT GENERATION

Never stop learning and be willing to start from the ground up. Your degree is only the foundation. the profession requires continuous learning of new technologies and regulations. Most importantly, build your character as much as your competence–integrity, discipline, and teamwork will determine how far you go in your career.

Assoc. Prof. Dr. Roslli Noor Mohamed as the Homegrown Scholar Cultivating UTM's Future

At a Glance

FULL NAME
Assoc. Prof. Dr. Roslli Bin Noor Mohamed

CURRENT POSITION
Associate Professor and Head of Department Structures and Materials, Faculty of Civil Engineering, UTM

THE PROFESSIONAL PROFILE

Associate Prof. Dr. Roslli Noor Mohamed embodies the spirit of a true "homegrown" success story. His journey within the halls of Universiti Teknologi Malaysia (UTM) began in the early 1990s, where he laid his academic foundation with a Diploma in Civil Engineering (1995) followed by a Bachelor of Engineering (1998). After a formative year in the field as a Site Engineer for Felda Ekovest Sdn Bhd, Assoc. Prof. Dr. Roslli returned to his alma mater to begin a lifelong mission in education.

His pursuit of mastery took him from a Master of Philosophy at UTM (2002) to the United Kingdom, where he earned a PhD from the University of Nottingham in 2008. This international exposure, blended with his deep roots in Malaysia, has defined his career trajectory. Over the past two decades, he has ascended through every tier of academia, from Tutor and Lecturer to Senior Lecturer and reaching a major milestone in 2020 with his appointment as Associate Professor.

Today, as the Head of Department of Structures and Materials at FKA UTM, Assoc. Prof. Dr. Roslli combines his rich industry background and global research experience to lead his department and mentor the next generation of engineers. He remains a steadfast pillar of the faculty, bridging the gap between theoretical excellence and real-world application.

INSIGHTS & INSPIRATION

Deep-Dive Interview and Nostalgic Connection

Nostalgia & Campus Life

Q: What is one "student tradition" or campus memory from your time at UTM that you hope remains unchanged for future generations?

If there is one tradition I hope stands the test of time, it is the powerful bond of friendship found in late-night study sessions and group discussions. Whether we were rushing project submissions or preparing for exams, that culture of mutual support and togetherness was vital. I truly believe this spirit is what molds our students into more than just capable graduates–it creates well-rounded individuals. It is a tradition that captures the true essence of UTM, and I sincerely hope it continues to flourish.

THE EVOLUTION OF EDUCATION

Q: Having experienced the faculty as both a student and a lecturer, what is the most significant positive change you've witnessed in how we prepare the next generation of engineers?

The most rewarding shift I've observed is the move toward a more holistic and industry-oriented approach. During my student years, our education was deeply rooted in theoretical understanding. While that provided a robust foundation, today's curriculum is far more dynamic, it effectively bridges the gap between complex theory and hands-on practical exposure. Theory to Practice.

Q: With the civil engineering industry changing so rapidly, how do you ensure your research and teaching remain grounded and applicable to real-world needs?

To keep pace with the industry's evolution, I maintain a continuous engagement approach that links academia directly with industry partners. In the classroom, I prioritize problem-based learning and industry-linked assignments. This encourages my students to tackle authentic engineering challenges rather than relying solely on textbook solutions. Furthermore, I actively use feedback from alumni, internship programs, and industry panels to sharpen and refine the focus of both my teaching and my research.

THE ALMA MATER & FUTURE

Q: After graduating from UTM, what inspired you to return and build your career here as an educator and researcher?

My decision to return to UTM was deeply rooted in the influence of my parents, who provided me with unwavering support. Though they did not have the opportunity to pursue higher education themselves, they held a profound and utmost appreciation for knowledge. Their belief in the value of learning inspired me to come home to UTM and contribute to the academic community that shaped me.

Q: How does your current role allow you to give back to the alma mater that started your journey in academia?

One of the most meaningful ways I give back is through the mentorship of my students. I strive to guide them not only in their academic pursuits but also in developing the critical thinking, confidence, and professional values they will need in the field. I view this as a direct continuation of the support I once received from my own lecturers here. Beyond the classroom, my research addresses real-world challenges to enhance the university's reputation and benefit the wider community. I am also deeply involved in curriculum development and industry collaboration to ensure our programs remain at the forefront of excellence.

Q: What is the one mindset a student must adopt to ensure they remain a lifelong learner long after they leave the university?

It is essential to remember that graduation is not the end of learning. It is merely the beginning. The civil engineering industry is constantly evolving with new technologies and standards, making a curious mindset your greatest asset. Equally important is humility–the recognition that there is always more to learn. By staying open to new perspectives and feedback, you will be better equipped to adapt and grow throughout your entire career.

Mohammad Atiff: The Entrepreneurial Visionary Engineering Success from the Ground Up

At a Glance

FULL NAME
Mohammad Atiff Bin Ghazali

CURRENT POSITION
Owner of Sinar Development

THE PROFESSIONAL PROFILE

Mohammad Atiff Ghazali is a Universiti Teknologi Malaysia (UTM) alumnus who earned his Bachelor's Degree in Civil Engineering in 2015. His professional career began as a Project Executive at UM Land Group Berhad, focusing on large-scale development coordination. Since 2017, he has served as the Operational Manager at GBH Force Sdn. Bhd., where he manages construction execution and tender procurement. Currently, as the owner of Sinar Development, he has demonstrated that the "Next Generation" of builders is defined by both technical mastery and entrepreneurial grit.

- Award-Winning Excellence: Led Sinar Development to win the Best Contractor Award (G1 Category) at the CIDB MCIEA 2024.
- Rapid Growth: Achieved a company revenue exceeding RM1.15 million in 2024 despite challenging market conditions.
- Strategic Expansion: Successfully registered as a vendor with 15 government and private bodies, expanding access to large-scale projects.
- Proven Track Record: Secured a significant RM369,740 tender for flooring upgrade works at Kompleks PKNS Shah Alam.
- Quality Assurance: Enhanced company standards by obtaining the CIDB CQMS certification.

INSIGHTS & INSPIRATION

Deep-Dive Interview and Nostalgic Connection

Nostalgia & Campus Life

Q: Looking back at your time at UTM, what is the first memory that comes to mind? Is there a particular spot on campus or a "tradition" that you miss the most?

When I look back at my time at UTM, the sense of community stands out the most. I fondly remember the long, productive discussions with friends at the FKA Foyer. It was the heart of our academic life where ideas were shared and friendships were forged. On a lighter note, I truly miss the simple tradition of grabbing quick snacks at the FKA Pink Kiosk between classes. Those small moments of downtime were just as important as the lectures in making my university experience memorable.

THE PROFESSIONAL PATHWAY

Q: Looking back at your graduation, which specific technical or personal skill gained at the faculty has been most vital to your journey toward becoming a Managing Director?

The Integrated Design Project (IDP) was my most vital academic foundation. Leading my group allowed me to sharpen my leadership and project management skills early on. More importantly, IDP provided a realistic preview of industry challenges, teaching me how to manage a team and deliver high-quality results under pressure, skills that are now essential to my daily work at Sinar Development.

Q: From your leadership perspective, which "soft skills" that you first practiced at UTM have been most vital to your professional career?

I was once a timid student, but the faculty's emphasis on holistic development pushed me to grow. Involvement in PEKA, pitching sessions, and technical competitions built the "courage and confidence" I needed. These activities served as the bridge between theory and the "X-factor" required for a startup, teaching me that success is about the resilience to take risks and lead a vision from the ground up.

Q: When you start your own business, every decision rests on your shoulders. How did you prepare yourself for the shift from following a project brief to being the one who creates the vision for the company?

Leadership in the construction industry requires a commitment to lifelong learning. Because technologies evolve so rapidly, I stay prepared by staying deeply immersed in emerging trends and standards. This allows me to make informed decisions and anticipate market changes before they happen. My time at UTM instilled in me the discipline to keep searching for the "next best" way to build.

Q: When your company looks to hire fresh graduates, what is the one quality or "X-factor" that makes a candidate stand out to you beyond their CGPA?

While a strong academic record is commendable, I look for a candidate with a clear sense of purpose and the drive to continuously improve. In a startup environment like Sinar Development, the 'X-Factor' is initiative. I value individuals who are motivated to grow, willing to seek out new challenges, and proactive in solving problems. A candidate who takes ownership of their growth stands out far more than someone who relies solely on their results on paper.

THE ALMA MATER & FUTURE

Q: How do you feel your ongoing connection to your alma mater (UTM) has influenced your professional network or your company's growth?

The UTM brand carries a prestigious reputation that commands immediate respect across the industry. There is a deeply rooted perception that UTM engineers are more than just theoretically sound; they are well-trained, highly capable, and truly industry-ready. For a young entrepreneur, this legacy acts as a vital catalyst for growth, building an immediate bridge of trust and credibility with clients, partners, and senior peers. I take great pride in this community, as the UTM name reflects a standard of excellence synonymous with quality and reliability. Upholding that reputation is a responsibility I carry into every project Sinar Development undertakes.

> "To my fellow future engineers at FKA,
>
> The real world is not always easy. it comes with challenges, setbacks, and uncertainty. However, perseverance is key."

Mohammad Atiff Bin Ghazali
Owner of Sinar Development | Class of 2015

Strategic Planning Workshop for the FKA 2026 Action Plan

The Faculty of Civil Engineering, Universiti Teknologi Malaysia (UTM) successfully organized the 2026 Action Plan Planning Workshop: UTM ASCEND 2030 from 11 to 12 February 2026. The two-day workshop brought together faculty leaders, academic staff, and key administrative personnel to discuss strategic priorities and outline actionable initiatives that will guide the faculty's development in the coming years.

The workshop was conducted as part of the faculty's continuous effort to align its academic, research, and operational strategies with the university's long-term strategic agenda, UTM ASCEND 2030. Through a series of structured discussions, breakout sessions, and collaborative planning activities, participants reviewed the faculty's current achievements, identified key challenges, and formulated strategic action plans to strengthen teaching excellence, research impact, industry collaboration, and community engagement.

Throughout the sessions, emphasis was placed on fostering innovation in engineering education, enhancing research productivity, and strengthening partnerships with industry and government agencies. The workshop also served as a platform for participants to share ideas and insights on how the faculty can further contribute to sustainable infrastructure development and address emerging challenges in the civil engineering sector.

In addition, the program encouraged active participation from various academic units within the faculty, ensuring that diverse perspectives were incorporated into the planning process. This collaborative approach enabled the faculty to formulate a more comprehensive and forward-looking action plan that supports the university's broader strategic goals.

Through the successful implementation of this workshop, the Faculty of Civil Engineering, Universiti Teknologi Malaysia reaffirmed its strong commitment to advancing the quality of higher education and research in Malaysia. The initiatives developed during the workshop are expected to play a significant role in strengthening the faculty's academic excellence and global visibility.

Professorial Inaugural Lecture Series by Dato' Prof. Ir. Ts. Dr. Arham Bin Abdullah

The Inaugural Lecture Programme featuring Dato' Professor Ir. Ts. Dr. Arham bin Abdullah was successfully held, drawing the participation of academics, researchers, students, and invited guests. The lecture, titled "Comprehensive Review of the Global Demolition Industry: Trends, Technologies and Future Directions," served as a distinguished academic platform where the speaker shared valuable knowledge, professional experiences, and insightful perspectives related to developments within the demolition and construction sectors.

In his lecture, Dato' Professor Ir. Ts. Dr. Arham bin Abdullah provided a comprehensive overview of the evolution of the global demolition industry, highlighting emerging trends, innovative technologies, and the challenges facing the sector in the context of rapid urban development and sustainability demands. The presentation explored modern demolition techniques, the integration of advanced equipment and digital technologies, as well as the importance of safety, environmental management, and material recycling in contemporary demolition practices. His insights offered the audience a deeper understanding of how the industry is adapting to meet future infrastructure and sustainability requirements.

Throughout the session, Dato' Professor Ir. Ts. Dr. Arham bin Abdullah, from the Department of Structures and Materials, reflected on his academic journey, research contributions, and professional experiences in the field of civil engineering. The lecture not only showcased his scholarly achievements but also inspired members of the academic community, particularly young researchers and students, by demonstrating how impactful research and professional dedication can contribute to technological advancement and societal development The programme was held at the Dewan Senat Ainuddin Wahid, located on Level 3 of the Sultan Ibrahim Chancellery Building at Universiti Teknologi Malaysia, Johor Bahru.

Visit of the Public Works Department Sarawak to Universiti Teknologi Malaysia (UTM)




A delegation from the Public Works Department Sarawak (JKR Sarawak) conducted an official visit to Universiti Teknologi Malaysia (UTM) on 9 February 2026, with the aim of strengthening collaborative networks and sharing expertise in the fields of engineering and construction technology. The visit commenced with an engagement session that provided an opportunity for representatives from both institutions to exchange views, share professional experiences, and discuss current developments in the engineering and construction sectors. The session also served as a platform to explore potential strategic collaborations, particularly in areas related to research, technological innovation, and industry-academia partnerships.

As part of the programme, the delegation was given a guided tour of the Building Information Modelling (BIM) Laboratory located at Block D02, Faculty of Civil Engineering, Universiti Teknologi Malaysia. During the visit, the delegates were introduced to the laboratory's facilities, advanced digital technologies, and ongoing innovations that support the modernization and digital transformation of the construction industry. This visit provided valuable exposure to the technological capabilities and research environment at UTM, while also highlighting the university's commitment to supporting the development of the construction sector through knowledge sharing and technological advancement. Overall, the visit served as a meaningful platform to foster stronger professional relationships between Public Works Department Sarawak and Universiti Teknologi Malaysia.

Courtesy Visit by the Faculty of Civil Engineering to RTS Operations Pte Ltd

The Faculty of Civil Engineering, Universiti Teknologi Malaysia conducted a courtesy visit to RTS Operations Pte Ltd (RTSO) on 6 February 2026 at Menara JLand. The visit formed part of the faculty's ongoing efforts to strengthen strategic partnerships with key industry stakeholders and to enhance collaboration between academia and the transportation and infrastructure sectors.

The delegation from the faculty was led by the Dean, Prof. Ts. Dr. Mohd Rosli Hainin, and included several academic representatives. During the visit, the delegation had the opportunity to meet with the Chairman of RTSO, Datuk Ir. Khairil Anwar Ahmad, who also serves as an Adjunct Professor at the Faculty of Civil Engineering, Universiti Teknologi Malaysia. The meeting provided a valuable platform for strengthening professional ties while reaffirming the shared commitment of both institutions to advancing engineering knowledge and industry development.

The discussion session covered a range of potential strategic collaborations between the faculty and RTSO. Key areas of focus included talent development initiatives aimed at preparing future engineers with industry-relevant skills, strengthening industry-academia engagement through joint activities and knowledge exchange, as well as exploring opportunities for collaborative programmes that benefit students and researchers.

In addition, both parties discussed possible initiatives related to corporate social responsibility (CSR), where the expertise and resources of academia and industry could be combined to contribute positively to community development and sustainable infrastructure practices.

Overall, the courtesy visit served as a meaningful step toward strengthening collaboration between the Faculty of Civil Engineering, Universiti Teknologi Malaysia and RTS Operations Pte Ltd. This engagement is expected to pave the way for future partnerships, joint initiatives, and collaborative projects that will further enhance academic excellence, industry relevance, and professional development within the civil engineering field.

Professor. Dr. Caijun Shi

Prof. Dr. Caijun Shi of Hunan University, China, delivered an insightful presentation on Carbon Capture, Utilization, and Storage (CCUS) in cement-based materials. As a globally recognized authority in the field, Prof. Shi highlighted emerging research trends and niche opportunities within the construction materials sector.

Assoc. Prof. Ir. Dr. Airil Yasreen Mohd Yassin

Assoc. Prof. Ir. Dr. Airil Yasreen Mohd Yassin from Heriot-Watt University Malaysia delivered an insightful presentation on Artificial Intelligence (AI) and Deep Learning from first principles. The session focused on the fundamental concepts of AI and highlighted its role in numerical methods, computational modelling, and modern engineering research.

Dr. Ahmad Basshofi Habieb

Dr. Ahmad Basshofi Habieb from Indonesia delivered an insightful presentation on the development of seismic protection systems in developing countries. The session emphasised their significance in enhancing structural safety and resilience.

Ir. Dr. Pramudita Satria Palar

Ir. Dr. Pramudita Satria Palar from ITB Indonesia delivered an insightful presentation on the use of Physics-Informed Neural Networks (PINNs) and Gaussian Processes (GPs) in engineering design, analysis, and optimisation. The session highlighted their applications through real-world case studies.

Professor Ki-Bok Min

A courtesy visit by Prof. Ki-Bok Min, Vice President (Asia) of the International Society for Rock Mechanics and Rock Engineering (ISRM) from Seoul National University. The engagement session featured dynamic and insightful discussions focusing on the future direction of rock engineering and underground infrastructure development. Key topics included emerging challenges in rock mechanics, advancements in underground engineering technologies, and the importance of fostering closer collaboration between academia and industry.

Universitas Negeri Padang

The laboratories of the Faculty of Civil Engineering, Universiti Teknologi Malaysia (FKA) recently hosted an academic visit from Universitas Negeri Padang on 6th February 2026. The visit aimed to facilitate knowledge sharing, provide exposure to the faculty's laboratory facilities, and strengthen academic collaboration between the two institutions.

Benchmarking Visit By UIAM

The Faculty of Civil Engineering, Universiti Teknologi Malaysia (UTM) welcomed a benchmarking visit from the Kulliyyah of Engineering, International Islamic University Malaysia (IIUM) on 29 January 2026. The visit focused on sharing best practices in laboratory management and research facilities, particularly at the Civil Engineering Testing Unit (CETU) and the Structural and Materials Laboratories of the faculty. The engagement provided a valuable platform for knowledge exchange and professional dialogue between both institutions.

External Examiners

The Department of Water and Environmental Engineering, Universiti Teknologi Malaysia successfully conducted an External Examiner Visit for its Postgraduate Programmes on 23 January 2026 at the Main Meeting Room, M46. The session aimed to review and enhance the quality and relevance of the postgraduate curricula in line with current developments in water and environmental engineering. The external examiners involved were Vladan Babovic and He Jianzhong from the National University of Singapore, representing the Master of Engineering (Hydraulics and Hydrology) and Master of Engineering (Environmental Management) programmes respectively.

Staff Achivements & Recognitions

The Faculty of Civil Engineering, Universiti Teknologi Malaysia (FKA) proudly celebrates the achievements and recognitions attained by its staff members. These include academic promotions, prestigious national appointments, professional certifications, and successful research grant awards. Such accomplishments highlight the faculty's strong culture of excellence, leadership, and expertise, while reflecting the significant contributions of its academic community to the advancement of engineering knowledge and professional practice at both national and international levels.

Professional Engineer

Heartiest congratulations are extended to Associate. Professor. Ir. Ts. Dr. Sophia C. Alih on her recognition as a Professional Engineer, a significant milestone that reflects her expertise and professional contributions in the field of engineering.

Academic Promotion

Congratulations to Associate. Professor. Ir. Ts. Dr. Nor Hasanah Abdul Shukor Lim on her promotion to Associate Professor (DS14), effective 20 February 2026. This achievement recognises her dedication and continued contributions to teaching, research, and professional service.

Research Promotion

Heartiest congratulations to Shek Poi Ngian on his appointment as the Director of the Construction Research Centre, Universiti Teknologi Malaysia (UTM-CRC), effective 1 January 2026. This appointment reflects his distinguished expertise, leadership, and longstanding contributions to research and innovation in the construction field.

INNOVATHON Season 3

Heartiest congratulations are extended to Nur Hafizah Abd Khalid and Azman Mohamed, representing the Faculty of Civil Engineering, Universiti Teknologi Malaysia and Universiti Teknologi Malaysia (UTM),

together with the CO_2 Mortar Team, for their outstanding achievement in advancing to the Grand Finale of Innovathon Season 3.

They are presenting the Faculty of Civil Engineering, Universiti Teknologi Malaysia and Universiti Teknologi Malaysia (UTM), together with the CO_2 Mortar Team, for successfully advancing to the Grand Finale of Innovathon Season 3, a national innovation reality programme organised by Astro Malaysia Holdings in collaboration with several key ministries including the Ministry of Economy Malaysia, Ministry of Science, Technology and Innovation Malaysia (MOSTI), Ministry of Education Malaysia, Ministry of Higher Education Malaysia, and Ministry of Housing and Local Government Malaysia, along with other government agencies. The programme highlights impactful homegrown innovations that contribute to national development.

Competing against numerous innovative teams from across the country, the CO_2 Mortar Team successfully secured 4th place (Top 5) in the competition. As a result, the team was awarded RM250,000 in business support funding along with RM10,000 in cash prize to further develop and commercialise their innovation.

In addition to this achievement, the team also received the People's Choice Award during Week 6 of the competition, reflecting strong public support and recognition for their innovative solution.

The CO_2 Mortar innovation focuses on developing a more sustainable construction material that contributes to reducing carbon emissions in the built environment. By integrating advanced material technologies and environmentally responsible design, the project highlights the potential of engineering research in addressing global challenges such as climate change, carbon reduction, and sustainable infrastructure development.

This remarkable accomplishment not only brings pride to the Faculty of Civil Engineering, Universiti Teknologi Malaysia but also reflects UTM's commitment to impactful research, innovation, and industry engagement. The success of the CO_2 Mortar Team demonstrates the important role that academic research can play in driving technological advancement and supporting the nation's aspiration toward a low-carbon and sustainable future.

Once again, heartfelt congratulations are extended to the team for this proud achievement. It is hoped that this success will serve as a catalyst for further innovation and inspire continued efforts in advancing sustainable engineering solutions for the benefit of society and the environment.

STUDENT'S REPRESENTATIVE COUNCIL

A visit by the Majlis Perwakilan Pelajar Universiti Teknologi Malaysia (MPP) to the Faculty of Civil Engineering, Universiti Teknologi Malaysia (FKA) was successfully held, providing an important platform for dialogue and collaboration between student representatives and the faculty's management.

The session was organized with the objective of discussing potential joint programmes and exchanging ideas on initiatives that could benefit the student community at Universiti Teknologi Malaysia. During the meeting, representatives from the student council shared their perspectives on student needs, while faculty representatives provided insights on academic planning and institutional development. The open discussion enabled both parties to explore opportunities for organizing collaborative programmes, student development activities, and academic enrichment initiatives.

In addition, the session also included discussions on proposals to improve and upgrade several student-related facilities within the faculty. These suggestions were aimed at enhancing the overall learning environment, ensuring that students have access to more conducive, modern, and supportive spaces for academic and co-curricular activities.

The constructive and engaging discussion reflected the shared commitment of both the student representatives and the faculty to continuously improve the quality of student experience at the university. By fostering open communication and active collaboration, the visit served as a valuable step toward strengthening the relationship between the Majlis Perwakilan Pelajar Universiti Teknologi Malaysia and the Faculty of Civil Engineering, Universiti Teknologi Malaysia.

Technical Talk on Spun Piles

The Faculty of Civil Engineering, Universiti Teknologi Malaysia (FKA) successfully hosted a Technical Talk on Spun Piles, providing valuable industry exposure to third-year Civil Engineering students and invited guests. The talk, titled "Understanding Spun Pile: Strength, Efficiency and Applications in Deep Foundations," was delivered by Mr. Westley Tay Wei Quan, Assistant Manager at ICP Piles.

During the session, participants gained important insights into the design principles, structural advantages, and practical applications of spun piles in deep foundation systems. The talk highlighted how spun pile technology contributes to improved structural performance, construction efficiency, and reliability in modern infrastructure projects.

The programme also featured an introduction to ICP Piles by LAr. Chio Kang Er, providing participants with a better understanding of the company's expertise and role in the construction industry. The event was attended by 68 participants, including three representatives from ICP Piles, making it a meaningful platform for knowledge sharing and strengthening industry-academia engagement.

Soil Mechanics Exhibition Day 2026

The Soil Mechanics Exhibition Day 2026 was successfully held on 7 January 2026 at the Geotechnical Laboratory (D03). The programme featured a wide range of student-led exhibits, highlighting their learning outcomes, laboratory experiments, and innovative approaches in the field of soil mechanics. It served as an engaging platform for knowledge sharing, allowing participants to connect theoretical concepts with practical applications while gaining valuable hands-on experience. The event also encouraged, critical thinking, and effective communication among students.

Think. Code. Engineer (TCE) Exhibition 2026

The Think. Code. Engineer (TCE) Exhibition 2026, held on 17 January 2026, showcased innovative software solutions developed by civil engineering students as part of their Computer Programming course. The event highlighted students' ability to integrate programming with engineering problem-solving through pitching sessions, poster presentations, and live demonstrations. Supported by academic mentors and evaluated by both internal and external panels, the exhibition reflected the growing importance of digital skills, creativity, and interdisciplinary thinking in modern civil engineering education.

RAIL TECH EXPO 2026

The Rail Tech Expo 2026, organised by the Faculty of Civil Engineering (FKA), Universiti Teknologi Malaysia (UTM), was successfully held on 11 and 13 January 2026. Featuring both a symposium and exhibition, the programme highlighted the latest innovations and advancements in railway and rail transportation technology. Guided by the theme "Shaping the Future of Innovation in Railway Technology," the event brought together academics, researchers, industry professionals, and students on a dynamic platform for knowledge exchange, research dissemination, and discussions on real-world applications within the rail sector.

Staff Activities

Free Food Program

The Free Food Programme for Students of the Faculty of Civil Engineering, Universiti Teknologi Malaysia was successfully carried out, bringing smiles and appreciation to the faculty's student community. The initiative aimed to support student welfare while fostering a caring and supportive campus environment. The programme took place on 5 February 2025 (Thursday), with food distribution beginning at 11:00 AM at Block M47 and Block C09 within Universiti Teknologi Malaysia.

A total of 272 students from the faculty benefited from this initiative, reflecting the faculty's commitment to supporting student well-being. Special appreciation is extended to the organising committee from the Kelab Keluarga Fakulti Kejuruteraan Awam (KKFKA) for their dedication and efforts in successfully implementing the programme. The event was also graced by the presence of the Dean of the Faculty of Civil Engineering and the Deputy Dean (Academic and Student Affairs), who attended to show their support for the initiative.

Staff Activities

Pesta Makan Durian 2026

The Kelab Keluarga Fakulti Kejuruteraan Awam (KKFKA) successfully organised the FKA Durian Feast, which took place ion 14 January 2026 at the Foyer M46, Administrative Office of the Faculty of Civil Engineering, Universiti Teknologi Malaysia. The event brought together members of the faculty community in a relaxed and friendly setting, providing an opportunity for staff to strengthen bonds and foster a greater sense of camaraderie. Participants enjoyed the delicious taste of the “king of fruits,” durian, while engaging in informal conversations and social interactions. Programmes such as this play an important role in nurturing a positive and supportive workplace culture, while strengthening the spirit of togetherness among staff within the Faculty of Civil Engineering, Universiti Teknologi Malaysia.

Staff Activities

Bowling Competitions

The Staff Bowling Tournament of the Faculty of Civil Engineering, Universiti Teknologi Malaysia was successfully held on 13 February 2026 at Plaza Angsana. The event brought together faculty staff in a fun and friendly competition, promoting teamwork and stronger interpersonal connections beyond the workplace. Participants enjoyed the opportunity to interact in an informal setting while showcasing their bowling skills and sportsmanship. Heartiest congratulations are extended to all the winners for their outstanding performance. Sincere appreciation goes to all staff members who participated in making the event a memorable and successful one. Their enthusiasm and active involvement truly contributed to the vibrant atmosphere throughout the tournament.

Badminton Carnival

The Badminton Sports Carnival organised by the Faculty of Civil Engineering, Universiti Teknologi Malaysia was successfully held on 11-12 February 2026, at Sport Hall 1, Universiti Teknologi Malaysia Johor Bahru. The event was filled with enthusiasm, and strong team spirit, bringing together members of the faculty community in a lively and energetic atmosphere. Participants enjoyed friendly matches while strengthening bonds of camaraderie and promoting a healthy and active lifestyle through sports. Programmes such as this sports carnival play an important role in fostering unity and encouraging well-being among staff and students within the faculty. Heartiest congratulations and appreciation are extended to all participants and organising committee members for their dedication and efforts in making the programme a great success.

Staff Activities

Brisk Walk Series 1/2026

The Brisk Walk Series 1/2026 (Health and Well-being) was successfully organised to promote a healthy lifestyle and enhance the physical and mental well-being of the campus community. The programme encouraged participants to engage in regular physical activity while fostering a positive and energetic environment among staff and students. The event was held on 15 January 2026 (Thursday) starting from the Administration Foyer, Block M46, at the Faculty of Civil Engineering, Universiti Teknologi Malaysia. Programmes such as the Brisk Walk Series reflect the faculty's commitment to promoting a healthy and balanced lifestyle, while strengthening camaraderie and well-being among members of the university community.

Bubur Lambuk Distribution

The Bubur Lambuk Distribution Ceremony was successfully held on 10 March 2026, at the Foyer M46, Faculty of Civil Engineering, Universiti Teknologi Malaysia. The event took place in a lively and warm atmosphere, bringing together members of the faculty community in the spirit of togetherness and goodwill. Organised as part of the faculty's community engagement and festive initiatives, the programme aimed to strengthen bonds among staff and students while fostering the spirit of sharing and generosity. The distribution of bubur lambuk, a traditional dish commonly prepared during the fasting month, symbolised unity, gratitude, and the values of caring for one another within the university community.

Staff Activities

Khatam Al-Quran & Grand Iftar Ceremony

The Khatam Al-Quran and Iftar Perdana Ceremony was successfully held on 13 March 2026, at the Hydraulics Laboratory, M50, Faculty of Civil Engineering, Universiti Teknologi Malaysia. The programme took place in a warm and spiritually enriching atmosphere, reflecting the meaningful spirit of the holy month of Ramadan. The event commenced with the Khatam Al-Quran ceremony, marking the completion of the recitation of the Holy Quran by members of the faculty. This meaningful spiritual activity symbolised gratitude, devotion, and the strengthening of faith among participants. The ceremony was followed by a communal iftar (breaking of fast) session, where staff gathered to share a meal and enjoy the spirit of unity that characterises the Ramadan season.

Beyond the religious observance, the programme served as a valuable platform to foster stronger relationships and deepen the sense of community among the faculty members. The gathering provided an opportunity for staff and theri respective families to interact in a more relaxed and meaningful setting, strengthening bonds of friendship, mutual respect, and collaboration within the academic environment. Programmes such as this reflect the faculty's commitment to nurturing not only academic excellence but also strong values of community, compassion, and harmony. By bringing together individuals from diverse backgrounds within the faculty, the event helped reinforce a culture of togetherness and appreciation during the blessed month of Ramadan.

OUR GROWING TEAM

En. Mohamad Yusree Bin Mohd Yusof
Assistant Engineer
Highway Laboratory

Dr. Siti Nooriza Binti Abd Razak
Senior Lecturer
Department of Structures and Materials

Dr. Siti Nor Hidayah Binti Arifin
Senior Lecturer
Department of Water and Environmental Engineering

Dr. Subhan Ahmad
Senior Lecturer
Department of Structures and Materials

Ir. Dr. Nik Zainab Binti Nik Azizan
Senior Lecturer
Department of Structures and Materials

Dr. Abdulrahman Haruna
Senior Lecturer
Department of Structures and Materials

Puan Maryam Jamilah binti Musa
Manager
Undergraduate & Academic Affairs

ACTIVITY HIGHLIGHTS

SEMINAR, WORKSHOP & TRAINING

Workshop on the Review of Programme CI for JKAAS Postgraduate Studies

Sharing Session: Exploratory & Transformative Research Grants (GET)

Sharing Session: Strategic Global Mobility for Institutional Visibilityy

Workshop on Final Examination Mark Review 2025/2026 - 1

CETU Surveillance Audit 2026

Research Planning Workshop

Jerayawara APEL Q

Mentor-Mentee Programme for Lecturers

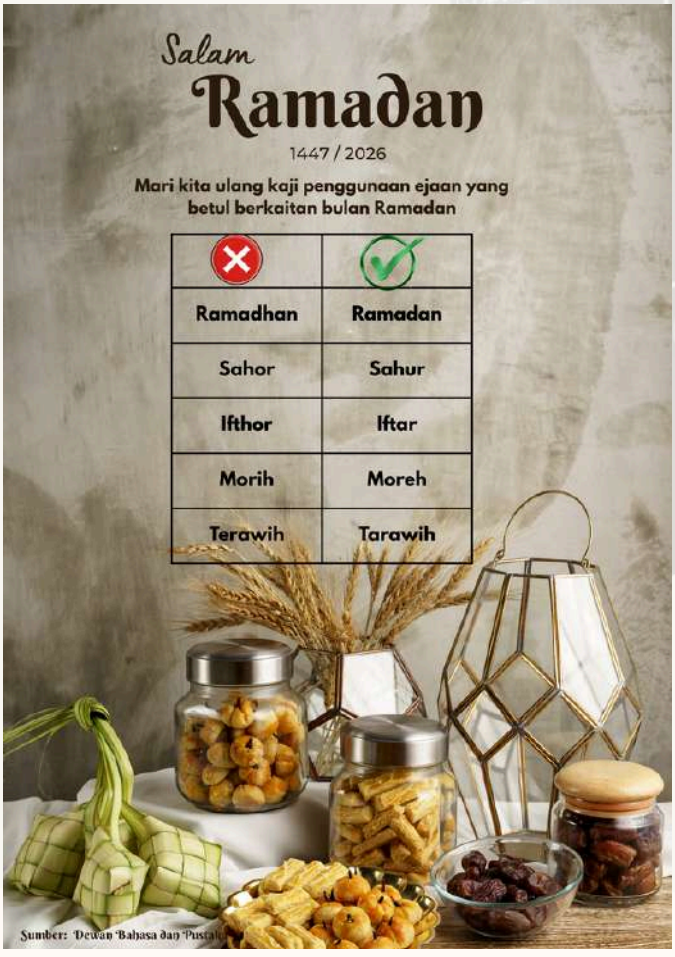
Pre-Workshop: UTM Ascend 2030 Action Plan

SEMBANG BAHASA

"A QUICK AND FUN PEEK INTO THE MALAY LANGUAGE"
BY
PUAN KUNTUM BINTI MD ARIFF
(MUNSYI MUDA BAHASA PERKHIDMATAN AWAM)

Gema takbir telah berlalu dan kemeriahan kunjung-mengunjung sempena Aidilfitri meninggalkan seribu kenangan manis buat kita. Sepanjang sebulan Syawal, daripada deretan kad ucapan digital di WhatsApp hinggalah kepada sepanduk rumah terbuka yang menghiasi jalanan, satu perkara yang tetap mencuri perhatian adalah kepelbagaian variasi ejaan yang digunakan.

Walaupun Syawal kian melabuhkan tirainya, tidak salah untuk kita melakukan sedikit refleksi bahasa. Sering kali, dalam keghairahan berkongsi kegembiraan, kita terlepas pandang akan ketepatan istilah yang digunakan. Bagi memastikan penulisan kita pada masa hadapan—terutamanya apabila tibanya Ramadan dan Syawal pada tahun hadapan—sentiasa selaras dengan Kamus Dewan Bahasa dan Pustaka (DBP), marilah kita menyemak semula ejaan yang tepat bagi istilah-istilah popular yang sering menimbulkan kekeliruan.



KKFKA

KELAB KELUARGA FAKULTI KEJURUTERAAN AWAM

The FKA Family Club serves as a welfare and community platform dedicated to supporting the wellbeing of the Faculty of Civil Engineering (FKA) community. Through various initiatives and activities, the club fosters strong family values, mutual care, and a sense of togetherness among staff and their families.

As part of its ongoing efforts, contributions and support are warmly welcomed to help sustain welfare programmes and community-based initiatives that benefit members of the FKA family.

Support & Contributions

If you wish to support the welfare initiatives of the FKA Family Club, please scan the QR code below. Every contribution is sincerely appreciated and will be utilised for welfare and community purposes.

DuitNow QR

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Together, we care. Together, we strengthen the FKA family