



OUR EXPERTS

*“The faculty members
were involved in 46
research projects
worth over
RM 4 million”*

Our Experts



Prof. Dr Shahrin Mohammad

Prof Shahrin, is the Dean of Civil Engineering Faculty, Universiti Teknologi Malaysia and currently the President, Society of Engineering Education Malaysia. With over 29 years of academic experiences, deeply involved in the planning, managing and assuring the quality academic programmes nationally he is also the Associate Director at the Engineering Accreditation Department, Board of Engineers, Malaysia and also involved extensively as an auditor for Malaysian Qualification Agency.

He holds B.Eng(Hons) Civil Engineering, Department of Civil Engineering, University of Liverpool, UK, M.Phil in Structural Engineering, Department of Civil Engineering, University of Newcastle Upon Tyne, UK and PhD in Civil Engineering, Department of Civil Engineering, University of Sheffield, UK.

To date he had written four books and more than 60 journals, seminars and conferences papers both at the national and international level. These papers addressed his research findings as well as sharing experiences on the teaching and learning practices. His research interest are in structural analysis and design of steel structures, computational modelling and engineering education. He has also conducted more than 100 lectures/workshops related to Outcome Based Education (OBE), ISO 9000, and Academic Quality Assurance nationwide.



PROFESSOR DR KHAIRUL ANUAR KASSIM

Professor Khairul is known for his work on Soil Stabilisation where he has devised equipment for testing the compressibility of stabilised soil. Received several international awards for his invention and has won Telford Premium Award from the Institution of Civil engineering (ICE), United Kingdom for a research on Electro-kinetic treatment of tropical soil. His work has been extended into the investigation related to microstructure mechanism of stabilised soil and are now working on the use of enzyme for stabilisation purposes.



PROFESSOR DR MOHD WARID HUSSIN

Professor Warid has contributed enormously in the field of modern concrete technology specialising on new innovation using alternative materials in fibre reinforced composites, ferrocement, blended cement concrete and geopolymer concrete. His success in these fields has won him several patents and publications in more than 150 journals and proceedings.



PROFESSOR DR FADIL OTHMAN

Professor Dr Fadil Othman has contributed enormously in the field of environmental engineering specialising on water and wastewater treatment process with new innovation using alternative technology such as low cost available materials for adsorption process, electrocoagulation and magnet process for environmental quality improvement and green technology. Out of the University, he had served actively as The member of Technical Committee for the Code of Practice on Radiation Protection relating to Technological and Natural Occurrence of Radioactive Materials in Oil and Gas Facilities; under The Atomic Energy Licensing Board, Ministry of Science, Technology and the Environment, Malaysia for almost ten years, since 1999.

Besides that, he is also as a Panel member of the Ad hoc Committee for Evaluation of Detail Environmental Impact Assessment Report at the Department of Environment, Ministry of Natural Resources and Environment, Malaysia, since the years of 2008. He had been involved in the societies such Malaysian Society for Engineering and Technology and Nuclear Science, besides Engineering Teaching.



PROFFESOR DR AZLAN ADNAN

Dr. Azlan Bin Adnan is a Professor of Structural Earthquake Engineering and is the Research Head for a research group, "Engineering Seismology and Earthquake Engineering Research" or e-SEER. He is a member of several international associations such as the Earthquake Engineering Research Institute (EERI) of United States and the Seismological Society of America (SSA).

He has received two international awards for his invention, "Digital Triaxial Seismo Accelerograph using Single Mass and Hall Sensors (SEER-SAG)"; a gold medal in the 2005, 33rd International Exhibition on New Techniques, Innovation and Product at Geneva, Switzerland, and a bronze medal in the IENA 2004, International Trade Fair "Ideas-Inventions-New Products" at Nuremberg, Germany. He has also received the Malaysian Construction Industry Excellence Awards for the year 2005 and 2008 under the category "R&D Project of the Year Award". His most recent invention of the "Intelligent Structural Conditional Rating Inspection System (SEER-INTEL)"; has won a gold medal in the Malaysia Technology Expo (MTE), 2008 and a silver medal in the Invention and New Product Exposition (INPEX) 2008 at Pittsburg, Pennsylvania, USA.



PROFESSOR DR ROSLI HAININ

Professor Dr. Mohd Rosli Hainin is currently the Head of the Department of Geotechnics and Transportation. Dr. Rosli started his career as civil engineer with a construction company, Muhibbah Engineering (M) Sdn. Bhd. before joining Faculty of Civil Engineering, UTM in 1990. He had an Associate Degree of Science from Indiana University in 1987. He obtained his B.Sc in Civil Engineering from Clemson University, USA (1990) and M.Sc in Highway Engineering from University of Kansas, USA (1996). He completed his Phd at the National Center of Asphalt Technology (NCAT), Auburn University, Alabama, USA in 2004.

Dr. Rosli's fields of interest are pavement materials, design, construction and rehabilitation. He is a member of Association of Asphalt Paving Technologists (AAPT), USA, technical committee of Pavement for Road Engineering Association of Malaysia (REAM), and an executive committee of International Committee of Pavement Technology (ICPT). He has produced 150 technical papers and supervised more than 70 post graduate students.

Our Experts



PROFESSOR DR AMINATON MARTO

Professor Dr. Aminaton Marto specializes in Soft Soil Engineering. She pioneered the research on Bamboo-Geotextile Composite reinforced soft soils and the used of coal ash as alternative material in soft soil improvement; as vertical column, as soil replacement, as soil filler and as lightweight backfill materials for embankments on soft soils. Other research includes the chemically stabilized soil, soil stabilized with tyre chips, tunneling through soft soils and recently the research involving geothermal energy piles as geostructures that use soil as an intermittent thermal energy storage medium, designed to supply the heating or cooling demands of a building. To date, she had published more than 140 technical papers nationally and internationally.



PROFFESOR DR MUHD ZAIMI ABD. MAJID

Professor Dr. Muhd Zaimi Abd Majid is a Professor in Construction Management and has contributed in the area of Construction Technology; Construction Automation; Planning and Scheduling and Green Construction. He has received more than 20 awards related to research and academic. These include National Award from Construction Industry Development Board of Malaysia, National Intellectual Property Award and International Award on research product and etc. He has received a total of more than RM2 million research grant and has published more than 30 journals and 80 proceeding papers. One of the known research product in the industry which was invented by him is the Fast Track Wall System.



PROFFESOR IR. DR MAHMOOD TAHIR

Professor Mahmood Tahir has a great interest in the field of durability of concrete particularly corrosion of reinforcement. He is also working on sustainable construction materials and forensic structural engineering. He has published more than 35 research articles in reputable academic journal and more than 70 conference papers.



PROF IR. DR. HASANAN MD. NOR

Professor Dr. Hasanan Md. Nor graduated in Civil Engineering at University of Leeds, United Kingdom in 1983 went to study highway engineering at masters level at University of Birmingham, UK and completed in 1987. He came back to teach highway engineering at the Faculty of Civil Engineering, UTM. After a few years, he started his PhD programme in the study of bituminous materials at UTM in collaboration with Australian Road Research Board (ARRB) and obtained his PhD in 1994.

His interest and expertise is in pavement, road and highway materials and construction. His main research at the moment is concrete block pavement (CBP). He is looking into the improvement of concrete blocks and improvement of the pavement. He and his team have fabricated concrete blocks making machines and several pavement loading apparatuses.



PROFFESOR DR. MOHAMMAD BIN ISMAIL

Professor Mohammad graduated with PhD from Aston University, UK. He has a great interest in the field of durability of concrete particularly corrosion of reinforcement.

He is also working on sustainable construction materials and forensic structural engineering. He has published more than 37 research articles in highly reputable academic journal and more than 70 conference papers.

His service in the forensic structural investigation is highly sought after. He has served various government agencies and private sector in assessing civil engineering structures such as flyover, bridges, jetties, buildings and etc. In the administration sector, he has immensely participated and contributed to the UTM as well as Malaysia.

He sits in SIRIM standard committee and MQA auditor also twice become the chairman of APSEC international conference.

