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ASEAN Engineering Journal (AEJ) is an official publication of the JICA Project for AUN/SEED-Net as a fruit of collaboration with the main support from the Government of Japan through Japan International Cooperation Agency (JICA), Member Governments from 10 ASEAN countries and 26 Member Institutions (MIs) selected from leading institutions in engineering field with support from 14 leading Japanese Universities.

Over the years, AEJ developed a strong international academic network from extensive human resources established by network of professionals and continuous collaborations via the journal.

ASEAN Engineering Journal is published online with a frequency of four (4) issues per year (March, June, September, and December). A double-blind peer review system is adopted to ensure the transparency and integrity of the review process. The journal is open access and does not charge any publication fee for AUN/SEED.net Member of Institution in ASEAN.

Scope of Publication

AEJ intended to be an international platform for scholars, researchers, and students from all over the world to publish innovative knowledge addressing ASEAN common issues from academic research outcomes and to improve research capacity through review process. AEJ publishes full academic papers covering 10 different engineering fields including Chemical Engineering (CE), Civil Engineering (CE), Computer and Information Engineering (CIE), Electrical and Electronics Engineering (EEE), Energy Engineering (EneE), Environmental Engineering (EnvE), Geological and Geo-Resource Engineering (Mate), Materials Engineering (Mate), Mechanical and Manufacturing Engineering (Me/ManuE) and Natural Disaster (ND).

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History of ASEAN Engineering Journal

ASEAN Engineering Journal (AEJ) is the official publication of Japan International Cooperation Agency (JICA) Technical Cooperation Project for ASEAN University Network (AUN) and Southeast Asia Engineering Education Development Network, with strong supports from the Government of Japan and ASEAN Member Governments, 26 ASEAN Member Institutions (MIs), ASEAN Secretariat and AUN Secretariat with support from 14 leading Japanese Universities.

Over the years, AEJ developed a strong international academic network from extensive human resources established by network of professionals and continuous collaborations via the journal.

First launch in 2011, AEJ was initially divided into 3 parts with its own ISSN. Two issues of each division were published yearly in June and December with both online and printed versions were released.

Journal TitleISSN Scope

ASEAN Engineering Journal Part A ISSN 2229-127X Computer & Information Engineering (CIE) Electrical & Electronics Engineering (EEE) Energy Engineering (EneE) Mechanical & Manufacturing Engineering (ME/ManuE) ASEAN Engineering Journal Part B ISSN 2286-7694 Chemical Engineering (ChE) Materials Engineering (MatE) ASEAN Engineering (MatE) ASEAN Engineering (CE) Environmental Engineering (EnvE) Geological & Geo-Resource Engineering (GeoE)

Natural Disaster (ND)

From 2017 onwards, AEJ is no longer divided into Part A, Part B and Part C, but the three parts have been merged together. Currently, AEJ only publishes electronic full papers with e-ISSN 2586-9159 under "ASEAN Engineering Journal."

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The practice of peer review (double blind) is to ensure that good paper is published. It is an objective process at the heart of good scholarly publishing and is carried out on all reputable scientific journals. Our referees therefore play a vital role in maintaining the high standards of ASEAN Engineering Journal

Special issues and/or conference proceedings may have different peer review procedures involving, for example, Guest Editors, conference organisers or scientific committees. Authors contributing to these projects may receive full details of the peer review process on request from the editorial office.

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Universiti Teknologi Malaysia (UTM) is a leading innovation-driven entrepreneurial research university in engineering science and technology located both in Kuala Lumpur, the capital city of Malaysia and Johor Bahru, the southern city in Iskandar Malaysia, which is a vibrant economic corridor in the south of Peninsular Malaysia.

With a strength of more than 2,000 academic staff, of which more than 200 are foreign graduate faculty members, UTM continuously strives to develop and enhance quality academic and professional programmes of international standard and global recognition. The student population consists of more than 11,000 full-time undergraduate students, more than 6,000 enrolled on distance learning programmes as part-time students and more than 9,000 postgraduate students in various fields of specialisation. Out of this, more than 3,000 are foreign students.

UTM's mission is to lead in the development of creative and innovative human capital and advanced technologies that will contribute to the nations wealth creation. This is in line with the aspiration of the country towards becoming a knowledge-based, innovation-led economy grounded in creativity and innovation with high value creation. Through a strategic transformation of its organizational structure, UTM is focused in creating a vibrant academic culture and fertile intellectual ecosystem that inspire creativity and innovation.

Innovation is thus central to its core value, with the innovation culture permeated across all dimensions of the university including teaching and learning, research and development, writing and publication, management and administration, staff and student development, consultancy and professional services and also university social responsibility. Innovation is expedited by the university community through concerted effort and strong team spirit with shared mission and purpose.

UTM has also established a reputation for innovative education and leading-edge, proven by becoming the three-time winner for the National Intellectual Property Award for organization category. A

stimulating research culture exists in UTM through 11 Research Alliances (RA) in strategic disciplines namely Sustainability, Infocomm, Water, Cybernetics, Biotech, Construction, Materials & Manufacturing, K-Economy, Energy, Transportation and Nanotechnology. In addition there are 28 Centres of Excellence (CoE) in addition to academic faculties to service technological education and research needs of the university.

UTM is also actively engaged in research collaboration with renowned institutions such as Harvard University, MIT, University of Oxford, Imperial College of London, University of Cambridge, Tokyo University and Meiji University on areas of mutual interests. To facilitate further engagement and networking in academic and research undertakings, international satellite offices have been established in Tokyo, and already in the pipeline are plans to establish satellite offices in Doha (Qatar), Madinah (Saudi Arabia), and in Boston (USA).

UTM is thus renowned for being at the forefront of engineering and technological knowledge and expertise, contributing to the technical and professional workforce of the nation since 1904. Being a graduate-focused university, UTM has the highest number of postgraduate enrolment in engineering and technology, which is one of the important components in contributing towards the development of an innovation-led economy. Having produced more than 200,000 technical graduates and qualified professionals over the years, UTM has earned its place as Malaysia's premier university in engineering and technology which inspires creativity and innovation.

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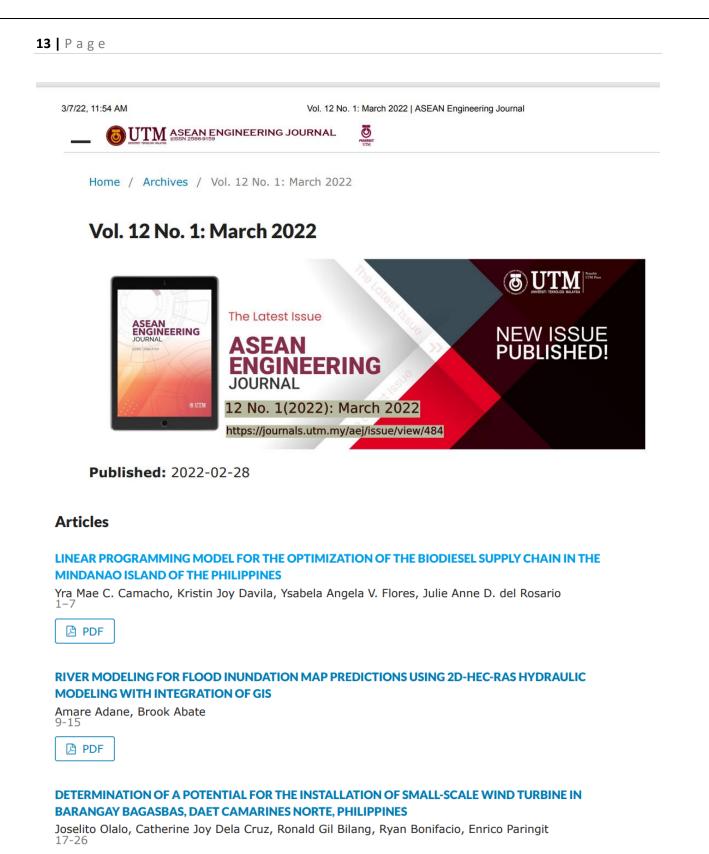
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