

IFMBE NOMINATION FORM

IFMBE Affiliated Society	Malaysia society of medical and biological engineering (MSMBE)
Name of President	Dr. Mohd Yazed Ahmad
Name of Secretary	Ir. Dr. Marni Azira Markom
e-mail address for contact	marni@unimap.edu.my
Country/Transnational	Malaysia

Send to: IFMBE Secretary General nominations@ifmbe.org

Open positions:

- a) Vice-president (Term of office 2025 -2028)
- b) Secretary General (Term of office 2025 -2028)
- c) Treasurer (Term of office 2025 -2028)
- d) Council of Societies Chair (Term of office 2025 -2028)
- e) Ordinary Administrative Council member (three positions) (Term of office 2025 -2031)
- f) Regional Representative for (Term of office 2025 -2028), regions in random order:
 - i. Europe,
 - ii. Africa,
 - iii. Asia-Pacific,
 - iv. North America,
 - v. Latin America
- g) Clinical Engineering Division Board member (5 positions)
- h) Health Technology Assessment Division Board member (5 positions)
- i) Digital Health Division Board member (10 positions)

Our Society nominates the following members for the position(s) within the IFMBE (please, add rows if necessary):

Name of Nominee	Nominated for the Position of:	Current position in IFMBE	Highest position held in the affiliated Society
Prof. Dr. Fatimah Ibrahim	Health Technology Assessment Division Board Member	-	Advisor MSMBE
Dr Marni Azira Markom	Digital Health Division Board Member	-	Secretary MSMBE
Assoc. Prof. Dr. Nashrul Fazli Mohd Nasir	Health Technology Assessment Division Board Member	-	Executive committee member of MSMBE
Dr. Noraisyah Mohamed Shah	Digital Health Division Board Member	-	Executive committee member of MSMBE



INTERNATIONAL FEDERATION FOR MEDICAL AND BIOLOGICAL ENGINEERING

Affiliated with the International Union for Physical and Engineering Sciences in Medicine (IUPESM)

www.ifmbe.org

I confirm that all the above-mentioned nominee(s) is (are) members of our national/transnational Society.

A handwritten signature in black ink, appearing to be "Marni Azira Markom", written over a horizontal line.

Signature of National/Transnational Society Secretary
Marni Azira Markom

15 March 2025

Date:

Please, copy the Nominee Information Form for each nominee.

Nominee Information Form

Nominated for the position of:	Health Technology Assessment Division Board Member
Name of Nominee	Prof. Ir. Dr. Fatimah Ibrahim
Constituent Society:	Malaysia society of medical and biological engineering (MSMBE)

Brief Biography of Nominee (not to exceed 200 words)

Fatimah Ibrahim is a renowned Professor in Biomedical Engineering at Universiti Malaya (UM), Malaysia, and the Founder/Director of UM's Centre for Innovation in Medical Engineering. She earned a BSc in Electrical Engineering (Marquette University, 1989), MSc in Electronics (University of Hertfordshire, 1994), and a PhD in Biomedical Engineering (UM, 2005). A certified Malaysian Chartered Professional Engineer (PEPC) and entrepreneurship trainer, she is a Senior IEEE Member and Fellow of the Institution of Engineers Malaysia (IEM) and the Academy of Sciences Malaysia (ASM).

A global leader in biomedical innovation, her research spans infectious disease detection, foodborne pathogen analysis, and AI/IoT-integrated biosensing technologies. She holds 45 Intellectual Property Rights, including 3 commercialized patents, and has developed groundbreaking solutions like SMARTMF (2020 Malaysia Commercialization Award) and "PULIH" health device for low back pain.

Her numerous accolades include the Women Scientist Award, MEDEX Young Innovator Award (2018), Top Research Scientist Malaysia (2019), and recognition among Stanford University's top 2% global scientists (2022). She also received the Royal Academy of Engineering's Leaders in Innovation Fellowship (2017), IFMBE Laura Bassi Award (2022), and a Lifetime Achievement Award from Malaysia's Medical Device Authority (2024). Her work exemplifies impactful interdisciplinary collaboration and commercialization in global health.

Nominee's Position Statement (not to exceed 200 words) (do not include CV)

Professor Fatimah Ibrahim is a leader in biomedical engineering (BME) and a global advocate for health technology assessment (HTA) and innovation. As a co-founder of the Department of BME at the University of Malaya (UM), she shaped BME education in Malaysia, achieving the country's first Engineering Accreditation Council (EAC) accreditation in 2005. Her development of over 100 Malaysian Standards and advisory role in the Medical Device Act 2012 reflect her commitment to robust regulatory frameworks, ensuring the safety and efficacy of medical technologies.


A prominent IFMBE member, she has served as a conference editor since 2006 and contributed to the Asia-Pacific Working Group and the Women in MBE (WiMBE) committee. Her editorship of the 2017 ICIBEL IFMBE proceedings, recognized for supporting the UN Sustainable Development Goals (SDGs), underscores her dedication to global health equity.

With 45 Intellectual Property (IP) Rights, including three commercialized patents, she has driven deep-tech commercialization, fostering 13 UM start-ups. Her groundbreaking research in medical device technology, biosensors, and dengue infection has had a profound global impact. Professor Ibrahim's contributions to HTA, education, and innovation solidify her role as a leading advocate for advancing health technologies and improving healthcare outcomes worldwide.



Nominee's Photo (recommended size (48 x 33 mm))

Declaration by Nominee: I agree to have my name placed on the list of nominated candidates for the above-mentioned open position, and if elected, to serve in IFMBE for the specified term.

Nominee's Signature			
Nominee's Business Address	Department of Biomedical Engineering, Faculty of Engineering, Universiti Malaya, 50603, Kuala Lumpur, Malaysia		
Nominee's Mobile Phone Number	+60123352921	Email address	fatimah@um.edu.my

NOMINEE INFORMATION

Nominated for the position of:	Digital Health Division Board member
Name:	Ir Dr Marni Azira Markom
Affiliated Society:	Malaysia Society of Medical and Biological Engineering (MSMBE)

Brief Biography (not to exceed 200 words)

Ir Dr. Marni Azira Markom is a Senior Lecturer at Universiti Malaysia Perlis (UniMAP), Malaysia, with over 7 years of experience teaching in the Biomedical Electronic Engineering Program. She earned her bachelor's and master's degrees in computer engineering in 2006 and 2009, respectively, and completed her Ph.D. in Mechatronic Engineering in 2018, all from Universiti Malaysia Perlis. In 2024, she furthered her academic journey by obtaining an MBA in Engineering Management.

Her research interests include signal and image processing, the development of systems incorporating artificial intelligence, and the creation of autonomous and robotic systems. In the field of biomedical engineering, Dr. Marni has developed medical devices such as an IoT-enabled dental extraoral suction system and an ECG feature extraction algorithm aimed at assisting medical professionals in interpreting key ECG values. She has also secured numerous research grants from the Malaysian government, industries, and corporate organizations.

Dr. Marni serves as the Secretary of the Malaysia Society of Medical and Biological Engineering (MSMBE), where she actively contributes to various initiatives, including organizing conferences and publishing proceedings in IFMBE Proceedings Springer. She also supports and participates in IUPSEM and IFMBE activities, such as ICMBE 2024 in Singapore and the IUPSEM 2024 Townhall.

Position Statement (not to exceed 200 words)

I am honored to be nominated for a position on the Digital Health Division Board, IFMBE, and I am eager to leverage my expertise in biomedical engineering, signal and image processing, and artificial intelligence to drive the advancement of digital health.

As a Senior Lecturer, Professional Engineer, and Secretary of the Malaysia Society of Medical and Biological Engineering (MSMBE), I actively contribute to initiatives that foster the integration of technology in healthcare. I am passionate about the potential of IoT and AI to revolutionize healthcare, creating smarter, more efficient devices and systems that can improve patient outcomes and healthcare delivery.


With my experience in research, particularly in developing AI-driven healthcare solutions, and my active involvement in MSMBE, I am well-positioned to support the Digital Health Division's mission. I am committed to promoting cutting-edge research, strengthening collaborations between academia, industry, and healthcare providers, and supporting initiatives that enhance patient care through digital innovation.

I am excited about the opportunity to contribute to the Digital Health Division's efforts and to help shape the future of healthcare through digital technologies.



Nominee Photo (48 x 33 mm)

Declaration by Nominee: I agree to have my name placed in nomination for the above-mentioned position, and if elected, to serve for the specified term.

Signature of Nominee			
Nominee's Business Address	Faculty of Electronic Engineering & Technology, Universiti Malaysia Perlis 02600 Arau, Perlis, Malaysia		
Mobile Phone	+60192309733	Email	marni@unimap.edu.my

N.B. PLEASE USE THIS FORM - DO NOT SEND C.V.

Fully completed Nomination documents should be converted to pdf format and submitted to:

IFMBE Secretary General nominations@ifmbe.org

Closing Date for Nominations: 15th March 2025

NOMINEE INFORMATION

Nominated for the position of:	Health Technology Assessment Division Board member
Name:	Associate Professor Dr. Nashrul Fazli Bin Mohd Nasir
Affiliated Society:	Malaysian Society of Medical and Biological Engineers (MSMBE)

Brief Biography (not to exceed 200 words)

Dr. Nashrul Fazli Bin Mohd Nasir is an Associate Professor at the Faculty of Electronic Engineering Technology, Universiti Malaysia Perlis (UniMAP), and the Deputy Dean (Academic and Research) of the faculty. He holds a Bachelor's degree in Biomedical Engineering from Universiti Malaya and specializes in biodegradable materials technology and medical implants.

Currently, he is actively engaged with professional bodies such as the Institution of Engineers Malaysia (IEM), a life member of Malaysian Society for Engineering and Technology (MySET), Malaysian Society of Medical and Biological Engineers, Malaysian Biomaterials Society, Asian Federation of Biotechnology and a Full Member of Sigma Xi.

Nashrul regularly shares insights on medical technology advancements in seminars, webinars, and conferences. He is also passionate about public engagement, promoting biomedical engineering through mainstream media outlets like Malaysian News channels like Berita Harian and RTM. He is also actively involved with Medical Device Authority (MDA), Malaysia especially for the assessment of the Biomedical Technical Personnel (BTP). He also has a good relation with the Malaysian medical device manufacturers such as with the Malaysian Medical Device Manufacturers Association (known as PERANTIM) and The Association of Malaysian Medical Industries (AMMI).

Position Statement (not to exceed 200 words)

I am honored to express my interest in serving on the Health Technology Assessment (HTA) Division Board of IFMBE. As an Associate Professor at Universiti Malaysia Perlis (UniMAP) in Biomedical Engineering for the past 6 years, I have dedicated my career to advancing biomedical engineering and biomaterials researches. My research focuses on developing innovative medical devices and sustainable biomaterials to enhance patient care and healthcare sustainability. I have actively contributed to biomedical research, product development, and commercialization, ensuring that emerging technologies meet scientific, regulatory, and clinical standards.


With experience in international collaborations, industry partnerships, and policy advocacy, I am committed to advancing evidence-based assessments of medical technologies, ensuring their clinical efficacy, affordability, and global accessibility. I have actively engaged in mainstream media and professional forums to promote biomedical research and innovation, bridging the gap between academia, industry, and healthcare providers.

If elected, my expertise will be used to enhance HTA frameworks, support emerging medical technologies, and foster interdisciplinary collaborations. I believe in a future where cutting-edge biomedical innovations can be effectively evaluated and implemented to improve global healthcare outcomes. It would be a privilege to contribute to IFMBE's mission as outlined.



Nominee Photo (48 x 33 mm)

Declaration by Nominee: I agree to have my name placed in nomination for the above-mentioned position, and if elected, to serve for the specified term.

Signature of Nominee			
Nominee's Business Address	Faculty of Electronic Engineering & Technology, Universiti Malaysia Perlis 02600 Arau, Perlis, Malaysia		
Mobile Phone	+60135880435	Email	nashrul@unimap.edu.my

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IFMBE Secretary General nominations@ifmbe.org

Closing Date for Nominations: 15th March 2025

Nominee Information Form

Nominated for the position of:	Digital Health Division Board member
Name of Nominee	Dr. Noraisyah Mohamed Shah
Constituent Society:	Malaysia society of medical and biological engineering (MSMBE)

Brief Biography of Nominee (not to exceed 200 words)

Noraisyah Mohamed Shah is a dedicated academic and researcher with over 20 years of experience as a Lecturer in the Department of Electrical Engineering, Faculty of Engineering, Universiti Malaya. Since 2003, she has been actively engaged in cutting-edge research in signal processing, computer vision, and biomedical engineering, with a particular focus on EMG signal analysis, machine learning applications in healthcare, and medical image processing. Her work bridges the gap between engineering and medicine, contributing to advancements in digital health technologies.

Dr. Shah has been an active member of the Malaysian Society of Medical and Biological Engineering (MSMBE) since 2015, serving in various committee roles. She has played a pivotal role in organizing the International Conference for Innovation in Biomedical Engineering, which is now in its 5th iteration, showcasing her leadership and commitment to fostering innovation and collaboration in the field. She was given the responsibility as Publication Co-Chair and is also the co-editor for the conference proceedings which is part of IFMBE proceeding series.

With her extensive research background, organizational experience, and passion for advancing digital health, Dr. Shah is well-positioned to contribute to the IFMBE Digital Health Division. Her vision is to leverage emerging technologies to improve healthcare delivery and promote global collaboration in biomedical engineering.

Nominee's Position Statement (not to exceed 200 words) (do not include CV)

As a nominee for the IFMBE Digital Health Division Board Member, I am committed to advancing digital health innovation and strengthening biomedical engineering education globally. With over 20 years of experience as a lecturer and researcher in biomedical signal processing, machine learning, and medical image analysis, I have dedicated my career to bridging engineering and healthcare. My work focuses on developing cutting-edge technologies, such as EMG signal analysis and AI-driven medical imaging, to address real-world healthcare challenges.


In addition to my research, I have been actively involved in the Malaysian Society of Medical and Biological Engineering (MSMBE) since 2015 and have played a key role in organizing the International Conference for Innovation in Biomedical Engineering. These experiences have deepened my understanding of the importance of education and collaboration in driving progress in biomedical engineering.

If elected, I will prioritize initiatives that enhance biomedical engineering education, promote the adoption of emerging digital health technologies, and foster global partnerships. I believe that empowering the next generation of engineers with the skills and knowledge to innovate in digital health is critical to addressing future healthcare challenges. I am eager to contribute my expertise and passion to the IFMBE's mission of advancing biomedical engineering for the benefit of society.



Nominee's Photo (recommended size (48 x 33 mm))

Declaration by Nominee: I agree to have my name placed on the list of nominated candidates for the above-mentioned open position, and if elected, to serve in IFMBE for the specified term.

Nominee's Signature			
Nominee's Business Address	Department of Electrical Engineering, Faculty of Engineering, Universiti Malaya, 50603, Kuala Lumpur, Malaysia		
Nominee's Mobile Phone Number	+6018 2192 531	Email address	noraisyah@um.edu.my