RMIT UNIVERSITY

Testimonial for *Wireless and Mobile Networking* (CRC Press, 2022)

I have used the book Wireless and Mobile Networking (CRC Press, 2022), authored by Professor Mahbub Hassan, as the **main reference text** for the course **EEET2621 Communication Engineering 2 at RMIT University Vietnam** since 2023, and it has remained the primary reference for all subsequent annual offerings. The course typically enrolls around 10 students per delivery from the Electronics and Computer Systems Engineering program. Across three consecutive offerings (2023-2025), the book has been consistently well received by students for its clarity, structure, and strong alignment with modern wireless systems.

One of the book's key strengths is its **systematic and well-organized presentation** of wireless technologies. It introduces core physical-layer concepts such as modulation, coding, and signal propagation, and then progressively builds toward complete wireless systems including Wi-Fi, cellular networks, 5G, and IoT. The material is presented with an intuitive, concept-first approach, introducing mathematical detail only where it adds clear value. This structure has been particularly effective in helping students form a coherent understanding that connects signals, protocols, and networks—an essential foundation in undergraduate communication engineering education.

A distinctive feature that makes this book especially suitable for EEET2621 is its **strong emphasis on standardization and technological evolution**. The discussion of Wi-Fi generations, cellular systems, and IoT standards goes beyond describing what the technologies are, and instead explains why standards are designed the way they are and how they evolve in response to technical, regulatory, and societal factors. This perspective helps students develop a longer-term engineering mindset, enabling them not only to understand current systems but also to anticipate future developments in wireless communications.

Overall, *Wireless and Mobile Networking* has proven to be an **excellent primary reference** for my course due to its conceptual clarity, comprehensive coverage of both established and emerging technologies, and effective pedagogical structure. I would confidently recommend this book for **undergraduate or postgraduate courses** in wireless communications, networking, and mobile systems.

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