



## **SPEECH TEXT**

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**DEPUTY PRIME MINISTER**

**IN CONJUNCTION WITH**

**BEM CONVENTION 2024**

**1 OCTOBER 2024 (TUESDAY)**

**DEWAN BANKUET MENARA FELDA**

**MENARA FELDA, PLATINUM PARK**

**KUALA LUMPUR**

Bismillahirrahmanirrahim....

“Assalamualaikum Warahmatullahi Wabarakatuh,  
Salam Sejahtera dan Salam Malaysia MADANI”

< Refer salutation >

1. First and foremost, I wish to express my gratitude for the opportunity to come together at the BEM Convention 2024.
2. On this occasion, I would like to congratulate the Board of Engineers Malaysia for organizing the BEM Convention 2024 starting today until 4th October 2024.
3. It is an honour to deliver a topic that holds immense significance for our nation’s future: **EMPOWERING ENGINEERING** in Malaysia.
4. As we stand on the threshold of a new era, we are entrusted with unprecedented opportunities and

challenges to harness the power of engineering to drive our country forward.

5. Engineering is more than just a profession; it is the backbone of innovation, the engine of economic growth, and the key to solving the challenges that lie ahead.

Ladies and gentlemen,

### **The Role of Engineering in Malaysia's Development**

6. Malaysia has always been a nation that embraces progress. Engineering has been at the heart of our development, from the iconic Petronas Twin Towers that stand as a testament to our engineering prowess to the cutting-edge technologies emerging from our universities and research centres.
7. As we work towards the objectives set in the New Industrial Master Plan 2030 or NIMP 2030, engineering will become increasingly pivotal in transforming Malaysia into a high-income, sustainable, and technologically advanced nation.

8. The NIMP 2030 is a crucial element of Ekonomi MADANI, aimed at supporting economic reforms. It will rejuvenate the manufacturing sector to ensure Malaysia's resilience amid emerging challenges and megatrends.
9. The NIMP is crafted to propel Malaysia towards becoming a global leader in industrial development, to enhance domestic linkages to generate nationwide wealth, and bolstering its position in the global value chain. This Plan is timely, accelerating the transformation of Malaysian industries to align with the country's vision.
10. With over 200,000 engineers and engineering technologists registered with BEM, and an additional average of 15,000 new registrations annually, this pool represents a readily available resource to meet the growing demand for engineering work.
11. However, to maintain this steady influx of registrations, ongoing efforts are essential to

encourage more students to pursue engineering courses and careers.

Ladies and gentlemen,

### **Empowering Through Education and Innovation**

12. The foundation of empowering engineering lies in education. Our educational institutions must be equipped to provide the next generation of engineers with the skills, knowledge, and creativity needed to excel in an ever-evolving global landscape.
13. We must invest in STEM (Science, Technology, Engineering, and Mathematics) education, ensuring that our young minds are not only being prepared and inspired to take on the challenges of tomorrow.
14. Innovation is the driving force behind engineering excellence. Malaysia has the potential to become a hub for technological innovation in Southeast Asia.
15. By fostering a culture of creativity and entrepreneurship, we can empower our engineers to

develop solutions that are not only locally relevant but also globally competitive.

16. This requires collaboration between the government, private and academic sectors, to create an ecosystem that nurtures innovation at every level.
17. Referring to BEM President's speech earlier, BEM has implemented Continuing Professional Development (CPD) programs for all Professional Engineers and Inspector of Works as part of its efforts to empower the engineering profession through education.
18. One of the noble efforts is a program that focuses on leadership and management, preparing individuals to become leaders in organizations related to the engineering profession.

Ladies and gentlemen,

## **Sustainable Engineering for a Better Tomorrow**

19. As we progress, it is essential that our engineering practices be aligned with the principles of sustainability.
  
20. Malaysia is blessed with rich natural resources, and it is our responsibility to ensure that these resources are managed wisely for future generations.
  
21. Sustainable engineering practices, such as the development of green technologies, renewable energy, and efficient infrastructure, will be crucial in achieving our environmental goals while driving economic growth.

## **Engineering Ethics and Social Responsibility**

22. Empowering engineering also means embracing the highest standards of ethics and social responsibility.
  
23. Engineers have to ensure that their work benefits society as a whole. Whether it is in the design of safe

infrastructure, the development of accessible technologies, or the protection of our environment, ethical considerations must be at the forefront of every engineering decision.

Ladies and gentlemen,

### **Closing**

24. In conclusion, empowering engineering in Malaysia is not just about advancing technology; it is about building a future where all Malaysians can thrive.
25. It is about equipping our engineers with the tools they need to innovate, ensuring that our progress is sustainable, and upholding the ethical standards that will guide us towards a better tomorrow.
26. Let us all commit to supporting and empowering the engineering community in Malaysia. Together, we can create a future where our engineers lead the way in shaping a prosperous, sustainable, and inclusive nation.



27. I once again express my thanks and congratulations to the BEM for making this convention a platform to enhance knowledge, exchange opinions, and gather feedback from registered persons and stakeholders in fulfilling its roles as outlined in the Registration of Engineers Act 1967.
  
28. Finally, with the words Bismillahirrahmanirrahim, I hereby officially inaugurate the BEM Convention 2024.

Thank you.