



**University of
Nottingham**
UK | CHINA | MALAYSIA

**Faculty of Science
and Engineering**
STRATEGIC PLAN
2023-2026



Faculty of Science and Engineering

Our Purpose

The Faculty of Science and Engineering (FOSE) is committed to providing an exceptional educational experience to our students and providing creative and innovative solutions to problems faced by the industry and the community.

This Strategic Plan outlines our vision, mission and goals for the next three years. We will develop and support people and partnerships to create compelling and innovative education offerings, increase and diversify our income, improve quality research outputs, and accelerate the impact of our work in the region. Our focus on these goals will ensure that we continue to be a leader in Science and Engineering in the higher education sector and maintain our excellent graduate outcomes.

Our work will be characterised by a strong commitment to the UN Sustainable Development Goals, an embodiment of the values of UNM in everything we do, and a culture of teamwork to achieve our collective goals.





Our Mission

- We have inspiring campuses in three countries, energising us to be a globally engaged university that is also committed to making a difference in our cities and regions.
- We empower and support students and staff to collaborate in learning, scholarship and discovery across all realms of knowledge, solving problems and improving lives.
- We are stewards of a pioneering and entrepreneurial tradition of creativity and innovation.

Our Vision

is to be a university without borders, where we embrace the opportunities presented by a changing world, and where ambitious people and a creative culture will enable us to change the world for the better.

Our Values

Inclusivity	Ambition	Openness	Fairness	Respect
We are a community where everyone can contribute and be appreciated for who they are.	We set the highest standards for ourselves and our work and support each other to achieve them.	We adopt a straightforward and transparent way of communicating with each other and with the world, championing the free exchange of ideas.	Our decisions and actions are consistent, impartial and ethical.	We have regard for each other's rights and feelings, and demonstrate this in our behaviour, treating each other with consideration and kindness.



Education

At the Faculty of Science and Engineering we believe that education is a transformative experience and we are committed to providing our students with a world-class education and international learning experience. Excellence in teaching and learning is at the heart of everything we do at FOSE, and we appreciate the diversity of our talents. We strive to create a supportive and inclusive environment that fosters student success, where students can explore their passions, broaden their horizons, and achieve their full potential.

The Education plan has two objectives:

1.

To advance teaching innovation through attracting, recognising and supporting our dedicated teachers.

We will:

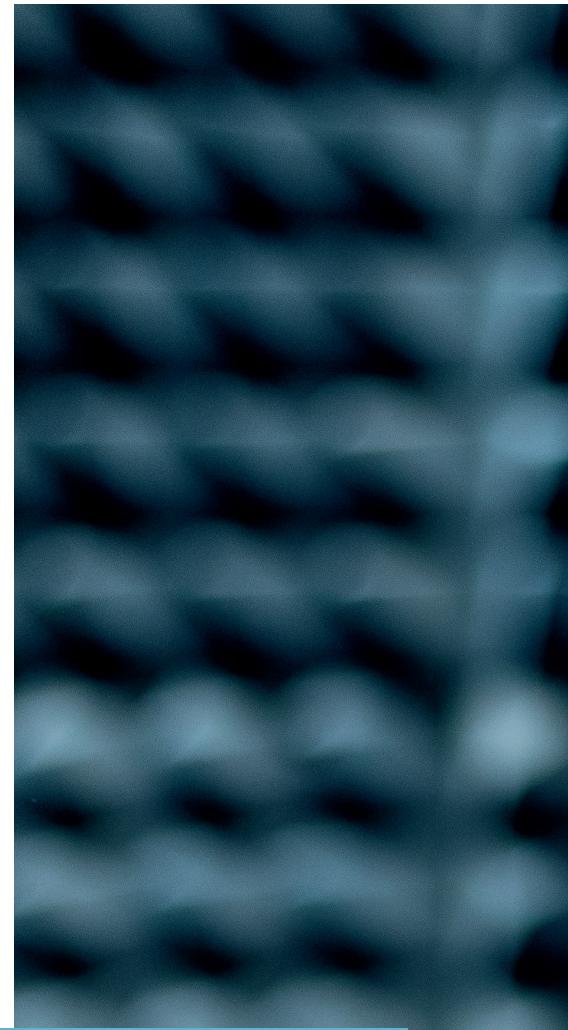
- Encourage and reward cross-school teaching and curriculum development as normal practice.
- Recognise and reward excellence in teaching and learning and appreciate the diversity of our talents.
- Invest in staff development including expanding opportunities for staff mobility between all Nottingham campuses.
- Invest in our teaching and learning methods and teaching environments to enhance the learning experience for students.

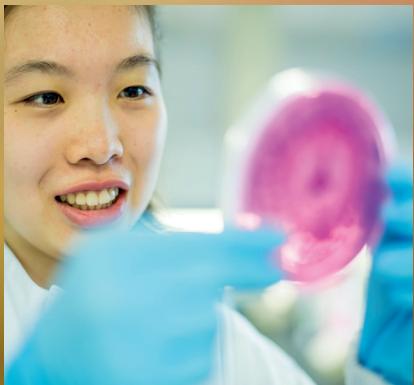
2.

To develop adaptive learning experiences co-created with community, industry and alumni.

We will:

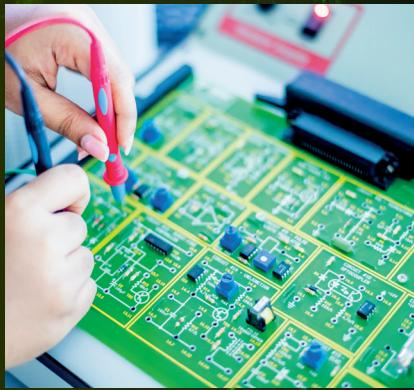
- Create multi-school offers in FOSE and with FASS (Faculty of Arts & Social Sciences) underpinned by better optionality, multi-disciplinarity, industry connectivity, and leading research.
- Provide a guarantee of work like experience and input of industry experts on all undergraduate courses.
- Develop high-quality tailored programmes with and for partner organisations.
- Nurture powerful and actively engaged external advisory boards and alumni networks who shape our curriculum, provide guest lectures and contribute to the life of the university, particularly our student experience.





Excellence in teaching and learning is at the heart of everything we do at the Faculty of Science and Engineering.





We strive to provide a vibrant dynamic research and knowledge ecosystem.



Research and Knowledge Exchange



Our role in driving innovation, solving complex problems and shaping the future is critical. The future of higher education requires a focus on discovery and dissemination of knowledge. We strive to provide a vibrant dynamic research and knowledge ecosystem to foster excellence in research and knowledge exchange.

The Research and Knowledge Exchange Plan has two objectives:

1.

To develop a culture of performance across the spectrum of research and knowledge exchange.

We will:

- Support and promote our leading interdisciplinary research.
- Provide tailored development for all researchers from ECRs (Early Career Researchers)/Postdoc to Professor.
- Identify focussed areas for investment in research infrastructure.
- Improve research outputs in terms of quality and quantity of publications in reputable journals. Increase, year on year, the quantum of outputs in the top 10% of journals.
- Attract high quality full-funded PhD students through new entry criteria and funding model prioritising quality of candidates over the number of PGRs enrolled.

2.

To influence and impact societal contribution through partnerships.

We will:

- Nurture powerful and actively engaged external advisory boards and alumni networks who shape our research and contribute to our research impact.
- Increase research grants and revenue through partnerships with industry, NGOs and Governments in ASEAN thereby solving problems in the region.
- Attract a new pool of Industry PhD students through partnerships with industry and government.



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