

WORKSHOP

What values demonstrate Inclusion of Indigenous people, culture and knowledges in Engineering Education?

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WORKSHOP MODE

This workshop will be facilitated **in-person**.

OVERVIEW OF WORKSHOP

In this workshop participants will have the opportunity to explore how engineering education can produce graduates who value Aboriginal and Torres Strait Islander perspectives and knowledges and the importance of these for future engineering practice

ACTIVITIES

We will explore the values outlined in the Universities Australia Indigenous Strategy 2022-25, and how they can be embodied within the engineering curriculum. Some of the values articulated in the Universities Australia Strategy include:

- Commitment to the advancement of Aboriginal and Torres Strait Islander peoples and cultures in and through universities.
- Truth-telling about our shared history as an essential step forward in addressing racism and improving the safety and advancing the prosperity of Aboriginal and Torres Strait Islander peoples in and through universities.
- Commitment to cultural safety for Indigenous students and staff and all Indigenous people.
- Respect for Aboriginal and Torres Strait Islander peoples' unique knowledge and knowledge systems which are foundational to Australia's intellectual, social and cultural capital.
- Accountability to Aboriginal and Torres Strait Islander peoples for the use of Indigenous knowledge and cultures in higher education and research.
- True partnership between universities and Aboriginal and Torres Strait Islander communities both within and outside the university as essential to delivering the best outcomes. Such partnerships should give voice to Indigenous people in decision making that affects them
- Equality of opportunity and outcome as a central objective of policy and practice.
- Recognition that universities manage the resources and processes required to achieve the aims set out in this Strategy.

TARGET AUDIENCE

The target audience is engineering educators engaged in, or intending to engage in, reviewing engineering education and curriculum development to include Indigenous people, knowledges, culture, and perspectives. No prior knowledge is required; however, it is appreciated that participants come with a mindset that this work is important and needs to be undertaken.

OUTCOMES

Clearer perspective on the how the importance of values and how they translate to actions within engineering education and positive outcomes for Indigenous peoples

KEYWORDS

Indigenous values, Indigenous inclusion, engineering education

PRESENTERS' BACKGROUNDS

The facilitation team includes Indigenous and non-Indigenous academics actively engaged in, and with experience and expertise in, Indigenous engagement, knowledges and pedagogies, facilitation, and collaborative education design, development and delivery.