Research Day 2025

THEME:

Entrepreneurship in Engineering and The Built Environment: Optimising Value Chains through Digital and Sustainable Innovation.

It is not limited to the following sub-themes but should address the conference theme.

SUB-THEMES

- Digitalising entrepreneurship in manufacturing
- Optimisation for value addition in engineering
- Sustainable architecture and engineering in solutions
- Value chains of engineering in X-engineering
- Globalising African engineering innovations
- Commercialising the digitised innovations
- Entrepreneurial models for scalable housing solutions
- Social entrepreneurship models in engineering and the built environment

- AI in entrepreneurship
- Geospatial solutions for supporting value chain management
- Materials Innovations
- Materials and processing
- Life-cycle management and circular economy in buildings
- Connected smart world
- Indigenous knowledge integration in architecture and engineering design for sustainable product and systems innovation

FRD'2025 invites participants to present how engineering expertise, combined with entrepreneurial action, can drive sustainable development and economic growth. Innovation and entrepreneurship in engineering and the built environment are crucial for developing sustainable products, services, and technologies that effectively address pressing environmental challenges and societal needs. By engaging in this area, you will contribute to advancing technical solutions and cultivating entrepreneurial mindsets that are vital for transforming innovations into impactful, market-ready ventures. Join us in shaping resilient and economically viable engineering and built environments for the future. Participations will be for paper presentations, poster presentations and technology demonstrations. A jury will announce the award winners after assessing the submissions.

Top papers presented at the FRD stand a chance to be published in reputable, peer-reviewed journals indexed in recognised academic databases.

SUBMISSIONS

All submissions are to be made online via Microsoft Forms, click here
All questions to be directed to the Ms Zanele Sibiya ✉ SibiyaZ1@tut.ac.za

Microsoft Forms

The timelines are as follows:

22 August 2025	Closing date for Abstracts
05 September 2025	Extended deadline for abstract submissions
15 September 2025	Abstract Review Starts
29 September 2025	Abstract Review Feedback
01 October 2025	Selected students notified of acceptance and formats for submissions disseminated
24 October 2025	Submission of Posters and Final Abstracts
27 to 31 October 2025	Conference Final Registration
18 and 19 November 2025	Faculty Research, Innovation and Tech Days

18-19 November 2025

08:00-16:00
Building 13,
Room G19
Pretoria Campus

#fromGood2Great