



Metal Casting Technology Station

The **Metal Casting Technology Station [MCTS]** is a technology transfer partner for the metal casting industry, pioneering development through training, research and technology support.

A non-profit initiative funded by the Department of Science and Technology through the Technology Innovation Agency [TIA]. The Technology Station operates from the University of Johannesburg in the Department of Research and Innovation and in partnership with the Department of Metallurgy.

The **MCTS** supports and assists the metal casting industry – foundries, suppliers, related industries – to improve the sectors innovation ability for increased competitiveness and sustainability.

Our focus:

- Research
- Casting Design and Simulation
- Education and Training
- Physical Metallurgy
- Rural and Emerging Foundries
- Sand Technology

Our core services:

- CAD Design
- Casting Simulation
- Additive Manufacturing

- Technology Demonstration
- Training
- Technology Development
- Materials Testing
- Metallurgical and Failure Analysis
- Moulding Systems Analysis and Troubleshooting
- Moulding Material Analysis and Development
- Internship

Connect with us

Metal Casting Technology Station
101 John Orr Building
Doornfontein Campus
University of Johannesburg
Cnr Siemert and Beit Streets
2094 Doornfontein

Postal address:
PO Box 17011
2028 Doornfontein
South Africa

+27 11 559 6019 [Tel]
+27 11 559 6743 [Fax]
mcts@uj.ac.za [email]

www.metalcasting.co.za

Station manager:
Kulani Mageza
+27 11 559 6952 (Tel)
+27 11 559 6743 (Fax)
kimageza@uj.ac.za (email)



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Department:
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