



2019 - PhD Scholarship in Drilling Optimisation and Automation

Status: **Closed**

Applications open: 15/05/2019

Applications close: 30/05/2019

About this scholarship

Description/Applicant information

The candidate will join the Drilling Mechanics Group working on MinEx CRC project related to Drilling Optimisation and Automation.

Student type

- Future Students

Faculty

- Faculty of Science & Engineering
 - Western Australian School of Mines (WASM)

Course type

- Higher Degree by Research

Citizenship

- Australian Citizen
- Australian Permanent Resident
- New Zealand Citizen
- Permanent Humanitarian Visa
- International Student

Scholarship base

- Merit Based

Value

The successful candidate will receive a stipend valued at \$27,596 per annum (2019 RTP rate). The duration of the scholarship shall be for three years.

The scholarship covers the international tuition fee of international students for the duration of the award.

The student will benefit of joining our research team working on an industry funded project with opportunities of interactions with research and industry colleagues.

Scholarship Details

Maximum number awarded

2

Eligible courses

Higher Degree by Research: PhD

Eligibility criteria

Candidate 1

- Master and bachelor degree of mechanical, civil or petroleum engineering.
- Language requirement (IELTS, Overall 6.5, Speaking, Writing, Reading and Listening 6.0 or TOEFL, Overall 79, Reading, 13, Listening 13, Speaking 18, Writing 21).
- Students with below skills are encouraged to apply:
 - Strong background in fluid mechanics of compressible fluids
 - Previous modelling experience



- Previous lab experience
- Engineering skills in signal processing and analysing experimental data using Matlab
- Previous research experience and publications
- Previous background two/three phase flow

Candidate 2

- Master and bachelor degree of mechanical, civil or petroleum engineering.
- Language requirement (IELTS, Overall 6.5, Speaking, Writing, Reading and Listening 6.0 or TOEFL, Overall 79, Reading, 13, Listening 13, Speaking 18, Writing 21).
- Students with below skills are encouraged to apply:
 - Strong background in rock mechanics
 - Previous experimental research experience
 - Previous experience in bit-rock interaction
 - Engineering skills in signal processing and analysing experimental data using Matlab
 - Previous research experience and publications

Enrolment requirements

Must be enrolled full-time.

How to apply

Application process

Please send your expression of interest with your CV, selected publication, and English score to Dr Masood Mostofi (Masood.mostofi@curtin.edu.au)

Need more information?

Enquiries

Dr. Masood Mostofi

Email address: Masood.mostofi@curtin.edu.au