

Research Fellow (Mechanical Engineering/Physics)
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=234536>

Downloaded On: Jul. 3, 2024 3:29am

Posted Apr. 12, 2024, set to expire Apr. 1, 2025

Job Title	Research Fellow (Mechanical Engineering/Physics)
Department	Singapore Centre for 3D Printing (SC3DP)
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Apr. 12, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Mechanical Engineering
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Mechanical-Engineering-Physics-_R00016746-1
Apply Online Here	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Mechanical-Engineering-Physics-_R00016746-1
Apply By Email	
Job Description	

We are looking for a motivated research fellow to work on functional and geometrical optimisation of heart valve implants using a combination of experimental investigation, numerical simulation, and 3D printing. We are interested in hiring a candidate with expertise in experimental fluid mechanics and experience in using numerical simulation software. Knowledge of 3D printing technologies will be highly valuable in this project.

Research Fellow (Mechanical Engineering/Physics)
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=234536>

Downloaded On: Jul. 3, 2024 3:29am

Posted Apr. 12, 2024, set to expire Apr. 1, 2025

Key Responsibilities:

- Designing experimental setups, conducting experiments, and analysing experimental results.
- Setting up numerical simulations and conducting numerical studies.
- Assisting the PI with paper and proposal preparation beside conducting research work.
- Providing guidance to junior staffs in the group to carry out research works.

Job Requirements:

- Having PhD in Mechanical Engineering, Physics, or similar degrees.
- Experienced in design and conducting experiment in fluid mechanics.
- Experienced using MATLAB, Python, and simulation software.
- Having some experience in using 3D printers and design software.

We regret that only shortlisted candidates will be notified.

Research Fellow (Mechanical Engineering/Physics)
Nanyang Technological University

Direct Link: <https://www.AcademicKeys.com/r?job=234536>

Downloaded On: Jul. 3, 2024 3:29am

Posted Apr. 12, 2024, set to expire Apr. 1, 2025

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Singapore