

## Research Fellow (Flexible Electronics) Nanyang Technological University

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Downloaded On: Sep. 11, 2024 6:17am

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

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|-----------------------------|---|
| <b>Job Title</b>            | Research Fellow (Flexible Electronics)  |
| <b>Department</b>           | School of Materials Science & Engineering (MSE)   |
| <b>Institution</b>          | Nanyang Technological University<br>Singapore, , Singapore  |
| <b>Date Posted</b>          | Apr. 12, 2024   |
| <b>Application Deadline</b> | Open until filled   |
| <b>Position Start Date</b>  | Available Immediately   |
| <b>Job Categories</b>       | Professional Staff  |
| <b>Academic Field(s)</b>    | Material/Metallurgy   |
| <b>Job Website</b>          | <a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Flexible-Electronics-_R00016745">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Flexible-Electronics-_R00016745</a> |
| <b>Apply Online Here</b>    | <a href="https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Flexible-Electronics-_R00016745">https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Flexible-Electronics-_R00016745</a> |
| <b>Apply By Email</b>       |   |
| <b>Job Description</b>      |   |

A Research Fellow position is available at Singapore Nanyang Technological University (NTU). The main role is to design and fabricate next-generation flexible sensory devices. Potential candidates should be able to independently conduct research with strong self-motivation and exploration spirit.

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### Key Responsibilities:

- Develop flexible and stretchable sensors for complex IR signal detection, advancing wearable device functionality.
- Regularly perform materials and device synthesis, fabrication and characterization.
- Publish research findings in high-impact journals and present at international conferences .
- Contribute to the mentoring and guidance of junior researchers and students, fostering an environment of learning and innovation within the project team.

### Job Requirements:

- Candidates should hold a Ph.D. Degree in Materials Science and Engineering, Mechanics, Biomedical Engineering or related field.
- Expertise in IR radiation sensing, IR emission regulation.
- Solid knowledge in human-machine interaction.
- Solid knowledge in advanced manufacturing of nanomaterials and soft structures.
- Capable of design and assemble of device prototypes.

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We regret that only shortlisted candidates will be notified.

**Contact Information**

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

**Contact**

Singapore