

**Research Fellow (Flexible Electronics)  
Nanyang Technological University**

Direct Link: <https://www.AcademicKeys.com/r?job=234535>

Downloaded On: Jul. 3, 2024 6:32am

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

<b>Job Title</b>	Research Fellow (Flexible Electronics)
<b>Department</b>	School of Materials Science & Engineering (MSE)
<b>Institution</b>	Nanyang Technological University 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>
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<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