

Research Fellow (Polymer Nanocomposite) Nanyang Technological University

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Posted Mar. 22, 2024, set to expire Jul. 22, 2024

Job Title	Research Fellow (Polymer Nanocomposite)
Department	NTI-NTU Corporate Laboratory
Institution	Nanyang Technological University Singapore, , Singapore
Date Posted	Mar. 22, 2024
Application Deadline	Open until filled
Position Start Date	Available Immediately
Job Categories	Professional Staff
Academic Field(s)	Material/Metallurgy Engineering - Other
Job Website	https://ntu.wd3.myworkdayjobs.com/en-US/Careers/details/Research-Fellow--Polymer-Nanocomposite-_R00016592
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Job Description	

NTI-NTU Corporate Laboratory is a collaboration between Nanofilm Technologies International Limited ("Nanofilm", "NTI"), Nanyang Technological University ("NTU") and supported by Singapore under RIE2025. The Laboratory's objective is to propel Innovation and Technologies commercialisation through NTU's innovation and NTI's deep technology. NTI-NTU Corporate Laboratory aligns with Singapore's RIE2025 handbook – which emphasises the nation's commitment to research and

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innovation, aiming to drive economic growth and address national challenges.

The Nanyang Technological University NTI-NTU Corporate Laboratory is seeking to hire a Research Fellow.

Key Responsibilities:

- Lead the research, development, and optimization of polymer nanocomposite materials for subsequent product development
- Design and conduct experiments, analyzing data, and collaborating with cross-functional teams to advance the understanding and application of polymer nanocomposites.
- Require a strong background in polymer science, nanotechnology, and materials characterization.

Job Requirements:

- Ph.D. from a reputable university in a relevant engineering or science discipline is required.
- Strong background in polymer science, nanotechnology, and materials characterization.
- Experience in the synthesis, processing, and characterization of polymer nanocomposite materials.
- Knowledge of nanomaterials and their interactions with polymer matrices.
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Understanding of polymer processing techniques and their impact on nanocomposite properties.

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