



## CALL FOR APPLICATION

### PhD Scholarship - Industrial Postgraduate Programme (IPP)

Industry:	Electronics
Company:	WinTech Nanotechnology Services
Website:	<a href="http://www.wintech-nano.com">www.wintech-nano.com</a>
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Company Profile:	<p>WinTech Nano-Technology Services Pte Ltd was founded in Singapore in 2004 by Mr. Li Xiaomin. WinTech prides itself as a leading High-Tech Laboratory situated in Singapore Science Park II that provides 24/7 one-stop analytical services. Our professional services cover failure analysis &amp; Nano-materials characterization. WinTech has world-class analytical instruments including HR-SEM/EDX, FIB, HR-TEM/EDX/EELS, XPS, TOF-SIMS, D-SIMS, FTIR, AFM, 3D-XRAY, OBIRCH/EMMI and many other advanced spectroscopic and analytical instruments.</p> <p>Wintech has a talented team of highly experienced analysts from industries, research institutes and world class universities with more than 10 years' experience on average. WinTech has successfully provided integrated analytical services to more than 500 customers worldwide for their business process in R&amp;D, manufacturing, quality control and customer services. WinTech is the winner of Emerging Enterprise 2011 and has expanded to include another high-end sister laboratory in Suzhou, China, with the aim to become one of the largest world-class laboratories in Asia.</p>



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IPP Trainees  
Position:

The Industrial Placement Programme (IPP) places a trainee in a corporate working environment at WinTech Nano-Technology Services Pte Ltd, whilst pursuing a doctorate degree at a local university. It will be a work-study programme which allows the trainee to tap into a wealth of industrial experience while completing higher studies.

1. Perform failure analysis jobs, and identify root cause of failures using modern electrical fault isolation methods and physical failure analysis techniques.
2. Investigate and explore into methods of failure analysis techniques via projects.
3. Provide technical report of findings and recommendations.
4. Collaborate with other analysis function groups internally to expand on technical skills and expertise.

Requirements:

1. Singaporean/PR (to be eligible for IPP program);
2. Honours Degree (preferably 2nd upper and above) in Material Sciences/Engineering, Chemistry, Physics and EEE
3. Interested in full-time PhD program while working with full-time salary sponsorship in WinTech;
4. Prefer candidates with experience in failure analysis and material characterization (D-SIMS/TOF-SIMS/Auger, FIB/TEM etc);
5. Fresh degree holders with good academic results are also considered.