

2016 SATU Joint Research Scheme Program Host Application Form

Date: 2016 / 04 / 21 (year / month / day)

1. Host University

University of Malaya

2. Host Unit

Low Dimensional Materials Research Center

3. Joint Research Project Title

Pb-free piezoelectric and recoverable electro-strain materials for actuators.

4. Principal Investigator

Passport Name	Dr. Thamil Selvi Velayutham		
Nationality	Malaysian	Gender	<input type="checkbox"/> M <input checked="" type="checkbox"/> F
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5. Co- PI from the same unit – If any

Passport Name			
Nationality		Gender	<input type="checkbox"/> M <input type="checkbox"/> F
Address			
Telephone	(Office)	(Home / Mobile)	
Fax Number		E-mail	

6. Project Details

Project Description	<p>Our research is involved with the synthesis and characterization of oxide-based functional ceramics with tetragonal tungsten bronze structure and relaxor ferroelectric character for possible capacitor and microwave dielectric applications. The properties and applications of many functional ceramics depend on the close control of the crystal structure, composition, ceramic microstructure, dopants and dopant (or defect) distribution. Materials of well-defined composition are synthesized and characterized by a variety of diffraction, spectroscopic, microscopic, analytical and thermal techniques. The electrical properties are usually characterized by ac impedance spectroscopy, in preference</p>
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SATU Presidents' Forum

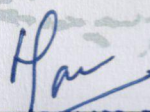
of Southeast and South Asia and Taiwan Universities
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to dc or conventional fixed-frequency measurements.

7. Acknowledgement (Signed by the President or SATU representative to show recognition)

Name
title



(signature)

PROFESSOR DR. NOORSAADAH ABD. RAHMAN
Deputy Vice-Chancellor
(Research & Innovation)
University of Malaya
50603 Kuala Lumpur

Date: 23 / 05 / 16 (yyyy/mm/dd)

Please email satu@email.ncku.edu.tw before 2016.4. 29(Fri.) for application with the subject line: <2016 SATU JRS host application –School Name>. Thank you.