



## International Seminar on “Advances and Challenges in Engineering for 21<sup>st</sup> Century”

7, 8 February 2019

**VENUE: ADMIN BLOCK – 5<sup>TH</sup> FLOOR SEMINAR HALL,  
VIT CHENNAI**

### Schedule

Date/ Day	Time	Event
07.02.19 Thursday	08:00 a.m. – 09:00 a.m.	Registration
	09:00 a.m. – 10:15 a.m.	Inauguration
	10:15 a.m. – 10:30 a.m.	Refreshments Break
	10:30 a.m. – 12:00 Noon	<i>Intelligent Machine Vision Technologies and Applications –</i> <b>Dr Michael Cree, University of Waikato</b>
	12:00 Noon – 01:00 p.m.	<i>Nano Fabrication Facilities in India –</i> <b>Dr G Velmathi, VIT Chennai</b>
	01:00 p.m. – 02:00 p.m.	Lunch Break
	02:00 p.m. – 03:30 p.m.	<i>Benefits of Million-Times Larger Capacitance in EDLCs: Supercapacitor Assisted Novel Circuit Topologies –</i> <b>Dr Nihal Kularatna, University of Waikato</b>
	03:30 p.m. – 03:45 p.m.	Refreshments Break
	03:45 p.m. – 05:15 p.m.	<i>Security issues in Sensor Clouds –</i> <b>Dr Vimal Kumar, University of Waikato</b>
08.02.19 Friday	08:00 a.m. – 09:00 a.m.	Registration
	09:00 a.m. – 10:30 a.m.	<i>Scientific Insights on the Near Net Shaping of Light Materials</i> – <b>Dr Leondro Bolzoni, University of Waikato</b>
	10:30 a.m. – 10:45 a.m.	Refreshments Break
	10:45 a.m. – 12:15 p.m.	<i>Energy and Water Research at the University of Waikato –</i> <b>Dr Martin Atkins, University of Waikato</b>
	12:15 p.m. – 01:15 p.m.	<i>Solid waste for energy storage : electrode fabrication and evaluation for high performance supercapacitor application –</i> <b>Dr L John Kennedy, VIT Chennai</b>
	01:15 p.m. – 02:15 p.m.	Lunch Break
	02:15 p.m. – 03:45 p.m.	<i>Structural Dynamics and Computational Mechanics Research at the University of Waikato –</i> <b>Dr Siniah Ilanko, University of Waikato</b>
	03:45 p.m. – 04:00 p.m.	Refreshments Break
	04:00 p.m. – 04:30 p.m.	Valedictory