



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

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International Webinar on

Electronic and Transport Properties of Two-dimensional Transition Metal Carbides and Carbonitrides (MXenes)



Mr. Kanit Hantanasirisakul is presently a Ph.D candidate under the supervision of Prof. Yury Gogotsi (MXene Founder) at Department of Materials Science and Engineering Drexel University, Philadelphia, USA. His research focus on "Electronic and magnetic properties of 2D transition metal carbides and nitrides (MXenes)". He has completed his master degree from Department of Materials Science and Engineering, Drexel University, Philadelphia, USA. Apart from this, He has completed Bachelor degree from Mahidol University, Bangkok, Thailand. He has published more than 35 research articles in various esteemed journal including Science, Nat. Commun., Nanoscale Horiz., Chem. Mater., Nat. Commun., Adv. Mater., Adv. Electron. Mater., and etc. Additionally, He had filed two US patents, out of which one is published. His research interest is in various fields including Electronic and magnetic properties of 2D materials, Materials for energy storage devices, i.e., Li-ion and other types of battery, supercapacitors, Photo- and electrocatalysts for fuel production.

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Research Interests

- Electronic and magnetic properties of 2D materials
- Materials for energy storage devices, i.e., Li-ion and other types of battery, supercapacitors
- Photo- and electrocatalysts for fuel production

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Organized by Department of
Electronics & Communication Engineering

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