Seminar on

Introduction to Smart City and real case studies of 'Open Data Driven Smart City' in Australia

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Date:
13 December, 2022 (Tuesday)
Time: 4:00 PM
Venue:
IICT Seminar Room (Room 705), 7th Floor, ECE Building, BUET

Synopsis:
In his talk Dr Emran Amin will provide an overview of the Smart City and Open Data initiatives at the City of Casey, Melbourne Metropolitan area, Australia. He will delve into the definitions of today's trendy words ie 'Smart City'/ 'Digital Twin'/ 'Circular Economy'/ 'Open Data' and provide LIVE examples and case studies on how cities around Australia are adopting these technologies. Discussion will be around challenges and opportunities towards future smart campuses within a smart city.

Bio:
Emran Amin has a dynamic career in wireless communication and Smart technology strategic planning and deployment for more than 10 years. He has a PhD from the Electrical and Computer Systems Engineering Department of Monash University (2015) and worked as a visiting researcher at the AutoID lab, Massachusetts Institute of Technology (MIT). He received the B.Eng. degree in Electrical and Electronics Engineering (EEE) Department from Bangladesh University of Engineering and Technology (BUET) in 2009. He served as a lecturer at EEE, BUET.

With a PhD in innovative internet of things (IoT) solution development, he has extensive experience in telecommunication, broadcast and defence industry as a lead project manager and systems engineer. His experience complements through co-founding an IoT start-up and successfully developing innovative solutions through strategic partners with local and state government, IoT service providers and private industries in key development areas of South-East Asian market. Currently, he is working at the Australian Communication and Media Authority (ACMA) as a planning engineer for spectrum management of future technologies ie 5G, IoT and future indoor wireless communication. He is a leading community reference member for the 'Smart Casey' initiative at the City of Casey advocating for smart city, open data platform and digital-twin. He is a presenter, organiser and judge at a number of events and competitions on Smart City and sustainable City deployment initiatives. His ultimate passion is to work for digital inclusion and equity and continue to facilitate awareness and uptake of digital technologies and promote innovation so that technology can benefit the planet and its life.

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