

## ENGINEERING SCIENCE SEMINAR SERIES

ENGINEERING SCIENCE PROGRAMME

FACULTY OF ENGINEERING

National University of Singapore

Blk EA #05-34, 9 Engineering Drive 1, Singapore 117575

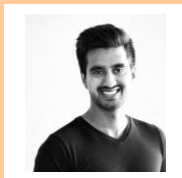
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TOPIC	Talk on Smart Cities
SPEAKER	ESP Alumnus, Mr Waqas Hassan
HOST	Assoc Prof Erik Birgersson, Engineering Science Programme
DATE	Friday, 19 October 2018
TIME	1.00 pm to 2.00 pm
VENUE	Seminar Room, Block EA #06-02 Faculty of Engineering, National University of Singapore. Click here for the location map. <a href="#">Interactive Map of NUS</a>

SYNOPSIS	<p>Cities around the world are looking towards utilizing new digital technologies to deliver economic growth, social progress, safety, and public services. With rapid urbanization, rising individualism, and influx of people towards the megacities of the world, it is becoming impossible for city governments to keep increasing infrastructural capacity to meet the ever rising demand. Smart City initiatives help manage the city more effectively and increase its productivity by relying on data and technology solutions.</p> <p>In this talk, Mr Waqas Hassan will share with you examples of Smart City initiatives in the areas of mobility, healthcare, education, environment, safety and governance, from around the world. He will also share Singapore's approach towards becoming the first Smart Nation in the world. Lastly, he will discuss employment opportunities in both private sector as well as public sector in the area of Smart City technologies.</p>
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### BIOGRAPHY



Mr Waqas Hassan is a Smart City Consultant who trains government officials around Southeast Asia on planning cities of tomorrow. His 5-day extensive trainings have been attended by 300+ ministry representatives in Singapore, Vietnam, Cambodia, Myanmar and Laos. Before that, he worked with Singapore Ministry of Transport and Land Transport Authority in designing and conducting a foresight study on Singapore Future Urban Transport System. His areas of interest include Digital Government, Intelligent Transport Systems, Smart Healthcare, Smart Education, Open Data & Connectivity, and Urban Planning.

Mr Waqas was a USP Scholar who graduated from the National University of Singapore with a Major in Engineering Science and Minor in Business Management Technology. Outside of academics, he was the President of ASEANpreneurs (2011-2013), student entrepreneurship society with presence in 15 ASEAN universities. For his leadership achievements, he was awarded the prestigious Student Leadership Award as well as Gold Medal in Engineering Colors Award.

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