

<b>Module title</b> Introduction to e-Governance and Smart City				
<b>Module code</b> t.b.a.	<b>Level</b> Bachelor (B.Sc.) IN, IT	<b>Hours per week</b> 4	<b>ECTS credits</b> 5	<b>Duration</b> 3 weeks block course + virtual lectures
<b>Module instructor</b> Amitrajit Sarkar, Ara Institute of Canterbury, Christchurch, New Zealand		<b>Lecture type</b> Literature reading, on line consultations, in- class discussion, Virtual Forum	<b>Prerequisite(s)</b> Basic knowledge of Information System.	<b>Grading</b> Assignment (2), Weekly Participation (7 of 10 for a pass grade)
<b>Objectives</b> There is now a need for new paradigms for cities' governance, knowledge creation and economic development, supported by technology, in every aspect of human life. At the end of this course: <ul style="list-style-type: none"> <li>• Students will be able to appreciate potential of big and open data in enhancing e-government services, openness, government transparency, citizen engagement, and the interaction between governments, citizens, and businesses.</li> <li>• Students will be able to compare and evaluate technical, organizational, managerial, and socio-economic and policy related aspects of e-government implementation and adoption from both the government and citizen's perspective.</li> <li>• Students will be able to understand challenges to successful E-Government diffusion</li> <li>• Understand key themes and critique literature on current business analysis research.</li> <li>• Students will have an understanding of topics such as smart grids and the Internet of Things, Big Data and collective intelligence for cities, ubiquitous sensing and public mobility.</li> </ul>				
<b>Content</b> E-Government definition and advantages, taxonomy of e-Government services, business need for e-Government, e-Government IT landscape and technologies, public participation in e-Government 2.0, challenges of e-Government, e-Government adoption and implementation.				
<b>Textbook/teaching material</b> <ul style="list-style-type: none"> <li>• Various eBooks on the topics and additional readings from journal articles and conference proceedings will be provided by the lecturer.</li> </ul>				

Note: this is not the official course descriptor according to the "Studien- und Prüfungsordnung" (SPO)