

Conference on Technologies for Future Cities 2019
Pillai College of Engineering, New Panvel

Program Schedule

Day 1: 8th January, 2019

Time	Activity	Speaker/Session
9.00 – 9.45	Registration	
09.30-10.45	Inauguration Function <i>Venue: Main Auditorium 7th Floor</i>	9.30 Welcome 9.40 Inaugural Address Dr S. Ramani (Founding Director of the National Centre for Software Technology) 10.05 Keynote Address Dr Rakesh Kumar (Director CSIR-NEERI, Nagpur)
10.45- 11.00	Tea	
11.00 – 11.30 11.30-11.45	Plenary Talks <i>Venue: Main Auditorium 7th Floor</i>	Dr Dhiren Patel (Director, VJTI, Mumbai) <i>Inclusive development of future cities</i> Dr Priam Pillai (COO, Mahatma Education Society) <i>Building High Fidelity Maps For Urban Planning Using Satellite Imagery</i>
12.00 – 13.30	Contributed Oral Papers <i>Venue: A- G401 B- G402 C- G403 D- G404</i>	A (ST 002, ST014, ST022, ST030, ST044) B (ST 012, ST032, ST045, ST061) C (MT-Sponsored session by SFA) D (HT 001, HT002, HT003, HT004, HT007, HT008)
13.30 – 15.00	Lunch & Poster Session <i>Venue: Ground Floor</i>	All categories mixed (ST020, ST021, ST025, ST029, ST033, ST039, ST055, ST073, HT012, HT015, HT025, HT026, MT001, SY002, SY004, SY009)
15.00 – 15.30 15.30-16.00	Plenary Talk <i>Venue: Main Auditorium 7th Floor</i>	Dr M Sasikumar (Director, C-DAC, Mumbai) <i>Behavioral data: Opportunities and Threats</i> Dr P Shrivastava (Team Leader, Padeco India Pvt. Ltd., Mumbai) <i>Sustainable Development through Multi – Modal Integration</i>
16.00 – 16.15	Tea	
16.15 – 17.45	Contributed Oral Papers <i>Venue: A- G401 B- G402 C- G403 D- G404</i>	A (ST034, ST047, ST063, ST070, ST071, ST080) B (HT005, HT013, HT019, HT020, HT022, HT040) C (PG003, PG007, PG012, PG010, PG009, PG001) D (MT002, MT003, MT004, MT005, MT006, MT007)

Day 2: 9th January, 2019

09.15-10.15	Contributed Oral Papers <i>Venue:</i> A- G401 B- G402 C- G403 D- G404	A (ST011, ST058, ST062, ST066) B (HT009, HT021, HT038) C (SY001, SY006, SY012, SY014) D (ST018, ST048, ST052)
10.15- 10.30	Tea	
10.45 – 11.15 11.15- 11.45	Plenary Talks <i>Venue: Main Auditorium</i> <i>7th Floor</i>	Dr. Patrik Hall (Urban Planner, NYU Stern Urbanization Project) <i>Data Driven Urbanism - Measuring Urban Expansion</i> Dr Bernard Menezes (Professor, CS, IITB) <i>Recent Cyber Security Attacks and their Mitigation</i>
12.00 – 13.15	Contributed Oral Papers <i>Venue:</i> A- G401 B- G402 C- G403 D- G404 E- G501	A (ST019, ST036, ST046, ST060) B (HT016, HT024, HT035, HT036) C (SY005, SY007, SY008, SY015) D (ST017, ST026, ST067, ST076, ST79) E (HT023, HT010)
13.30 – 15.00	Lunch & Poster Session <i>Venue:</i> <i>Ground Floor</i>	All categories mixed (ST057, ST078, ST082, HT030, HT037, HT039, MT008, MT009, SY011, SY016)
15.00 – 15.30 15.30 - 16.00	Plenary Talk <i>Venue: Main Auditorium</i> <i>7th Floor</i>	Dr M V Rane (Institute Chair Professor, IIT Bombay) <i>Addressing Sustainability: Options for Distributed Poly-Generation</i> Dr Satyanarayana Bheesette (Scientific Officer (H),TIFR) <i>Modern sensors and actuators, signal processing and applications</i>
16.00 – 16.15	Tea	
16.15 – 17.15	Panel Discussion <i>Venue: Main Auditorium</i> <i>7th Floor</i>	Dr S. Ramani, Dr Priam Pillai, Dr Patrik Hall, Dr M V Rane, Mr V Venu Gopal, Dr Satyanarayana Bheesette, Dr S K Ukarande, Dr S M Khot, Dr Bernard Menezes, Mr Udaybhaskar G
17.15 – 17.45	Valedictory Function <i>Venue: Main Auditorium</i> <i>7th Floor</i>	Chief Guest: Mr V Venu Gopal (Additional Chief Planner (NAINA), CIDCO)

ST: Software Technologies

HT: Hardware Technologies

SY: Systems for Future Cities

MT: Materials for Future Cities

PG: Policies and Governance for Future Cities

WORKSHOP : MACHINE LEARNING**Faculty** : Dr. Priam Pillai, Dhiraj Amin**Date** : 8th January 2019 from 12: 30 to 6:00**Venue** : R 101

Content	Time
Introduction to Machine Learning	12:30 to 1:30 PM
Case Studies	
Lunch Break	
Introduction to pandas,numpy,matplotlib	2:30 to 3:30 PM
Performance measures	
Tea Break	
Classification	3:30 to 6:00 PM
Regression	
Clustering	

WORKSHOP: GIS AND REMOTE SENSING TECHNOLOGY

Faculty : Sharad Shingade, Suman Kumar with UXO Staff

Date: 9th January 2019 from 9:30 AM to 3:30 PM

Venue: UXO Lab,O-704, Orchid Wing, 7th Floor, Pillai College of Engineering

Content	Time
Basic introduction of GIS and Remote sensing	9:30 AM to 10:15 AM
Examples and case studies	10:15 AM to 11:00 AM
Tea Break	11:00 AM to 11:15AM
JOSM and QGIS Practical Session <ul style="list-style-type: none">● Types of spatial data● Basic data creation● Getting data from open source (raster and vector data) resources and basic processing	11:15 AM to 1:30 PM
Lunch Break	1:30 PM to 2:30 PM
JOSM and QGIS Practical Session <ul style="list-style-type: none">● Georectification and Image processing● Data generation from High Resolution Satellite imagery● Basic spatial analysis tools● DEM and 3D visualization● Basic cartography concepts● Layout and Map preparation	2:30 PM to 3:30 PM