

Mahatma Education Society's

Pillai College of Engineering, New Panvel

IEEE Conference on Technologies for Future Cities 2021 (CTFC-2021)

8th - 9th October 2021

Program Schedule

Day 1: 8th October 2021

Time	Activity	Speaker/Session
8.30 - 9.45	Registration Breakfast	Main reception area Canteen
9.30 - 10.45	Inauguration Function <i>Venue: Main Auditorium 7th Floor</i>	9.30: Welcome 9.40: Address by Chief Guest Dr. R K Shevgaonkar (Professor Emeritus, IIT Bombay) <i>Inaugural Address</i> 10.05: Keynote Address by Dr. Pradipta Banerji (Professor, IIT Bombay) <i>Future Cities: A Case for Urban Observatories in India</i>
10.45 - 11.00	Tea Break	
11.00 - 11.30	Plenary Talks <i>Venue: Main Auditorium 7th Floor</i>	Talk 1: Dr. Sanjay Oak (Ex-Vice Chancellor, Padmashree Dr. D. Y. Patil Vidyapeeth) <i>Emerging Technologies in Future Healthcare</i>
11.30- 12:00		Talk 2: Dr. Saurabh Mehta (Chief Academic Officer and Professor, Vidyalkar Institute of Technology, Mumbai) <i>IoE: The Next Generation Technology for Future Cities</i>
12.00 - 13.30	Contributed Oral Papers <i>Venue: Room G 502 Room G 503 Room G 504 Room G 402 Room G 403</i>	Session A - ST [Paper ID: 4, 67, 87, 119, 124, 145, 248] Session B - HT [Paper ID: 90, 190, 198, 203, 263] Session C - SY [Paper ID: 36, 105, 106, 137, 187, 234] Session D - MT [Paper ID: 98, 212, 226, 227, 252] Session E - PG [Paper ID: 202]
13.30 - 15.00	Lunch & Poster Session <i>Venue: Ground Floor</i>	All conference tracks mixed [Paper ID: 39, 64, 65, 74, 79, 80, 104, 115, 134, 135, 138, 169, 173, 186, 205, 237]
15.00 - 15.30	Plenary Talk <i>Venue: Main Auditorium 7th Floor</i>	Talk 3: Dr. S. N. Talbar (Professor, SGGSIE&T, Nanded) <i>Brain Tumor Segmentation and Analysis</i>
15.30 -16.00		Talk 4: Dr. P. Sekhar (Chairman, Global Smart Cities Panel, Micro Tech Global Foundation) <i>Self-Sustained growth of Smart Cities through Secured Governance</i>
16.00 - 16.15	Tea Break	
16.15 - 17.45	Contributed Oral Papers <i>Venue: Room G 502</i>	Session F - ST [Paper ID: 69, 91, 97, 122, 126, 147, 150] Session G - ST [Paper ID: 27, 78, 103, 129, 131, 146] Session H - ST/SY [Paper ID: 1, 7, 112, 151, 161, 157, 200, 230, 247] Session I - HT/PG/MT/HC [Paper ID: 159, 264, 149, 113, 166, 204, 93, 139]

Day 2: 9th October 2021

9:00 – 10:00	Registration Breakfast	Main reception area Canteen
09.30 - 10.30	Contributed Oral Papers Venue: Room G 502 Room G 503	Session J - HT [Paper ID: 37, 130, 132, 167] Session K - MT [Paper ID: 192, 222]
10.45 - 11.15	Plenary Talks Venue: Main Auditorium 7 th Floor	Talk 5: Dr. Milind Kulkarni (Director, Prachi Services Inc., Mumbai) <i>Solid Waste Management in Future Cities</i>
11.15 - 11.45		Talk 6: Dr. Priam Pillai (COO, Mahatma Education Society) <i>Studying Cities at the Urban Expansion Observatory</i>
11:45 -12:00	Tea Break	
12.00 - 13.30	Contributed Oral Papers Venue: Room G 502 Room G 503 Room G 504 Room G 402	Session L - ST [Paper ID: 85, 123, 196, 233, 249, 260, 266] Session M - HT [Paper ID: 45, 86, 88, 261, 228] Session N - SY [Paper ID: 95, 114, 154, 189, 242, 243, 267] Session O - HC [Paper ID: 21, 84, 99, 108, 136, 177, 209, 246]
13.30 - 15.00	Lunch & Poster Session Venue: Ground Floor	All conference tracks mixed [Paper ID: 92, 100, 109, 110, 120, 125, 127, 133, 201, 206, 224, 236, 241, 254]
15.00 - 15.30	Plenary Talks Venue: Main Auditorium 7 th Floor	Talk 7: Dr. Padmaja Joshi (Senior Director C-DAC, Mumbai) <i>Future Cities and The Role of Blockchain</i>
15.30 - 16.00		Talk 8: Dr. Veerle Vandeginste (Professor, Department of Materials Engineering, KU Leuven) - Online Session <i>Advanced materials for smart buildings</i>
16.00 - 16.15	Tea Break	
16.15 - 17.15	Panel Discussion Venue: Main Auditorium 7 th Floor	Topic: Impact of Technologies on Future Cities Shri G. Udayabhaskar, Dr. Satyanarayana Bheesette, Dr. B. Ramaswamy, Dr. Priam Pillai, Dr. Milind Kulkarni, Dr. Vijay Kulkarni, Shri Bhupendra Bhate, Ms. Anupama Karanam, Dr. P. S. Goyal
17.15 - 17.45	Best Paper Award Distribution and Valedictory Function Venue: Main Auditorium 7 th Floor	Chief Guest: Dr B Ramaswamy (Vice-Chancellor, OPJS University)

ST - Software Technologies

HT - Hardware Technologies

SY - Systems for Future Cities

MT - Materials for Future Cities

PG - Policies and Governance for Future Cities

HC - Health Care for Future Cities

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Complimentary Workshops for Participants

WORKSHOP: RF Component Design in CST	
Faculty: Dr. Shishir Jagtap and Dr. Avinash R. Vaidya	
Date: 8 th October 2021 from 1:00 PM to 5:00 PM	
Venue: R-102, 1 st Floor, Pillai College of Engineering	
Content	Time
Basic Wire antenna Design	1:00 pm to 1.45 pm
Lunch Break 1.45 PM to 2.30 PM	
Microstrip Patch Antenna Design	2.30 pm to 3.15 pm
Microstrip Filter Design	3.15 pm to 4:00 pm
CPW Monopole Antenna Design	4:00 pm to 5:00 pm

WORKSHOP: Insights of AI/ML/DL Technologies	
Faculty: Prof. Varunakshi Bhojane and Prof. Ninad Gaikwad	
Date: 9 th October 2021 from 10:00 AM to 12:00 PM	
Venue: S-103, 1 st Floor, Pillai College of Engineering	
Content	Time
Introduction to Artificial Intelligence, Machine Learning, Deep Learning	10:00 am to 10.30 am
Designing Regression Application	10:30 am to 11:00 am
Designing Classification Application	11:00 am to 11:30 am
Designing Deep Learning Application	11:30 am to 12:00 noon