

NATIONAL SEMINAR

SMART CITIES:

An interdisciplinary approach

16th & 17th February 2024

VENUE : THE SOUTH PARK, TRIVANDRUM

Sponsored by

DIRECTORATE OF TECHNICAL
EDUCATION



DIRECTORATE OF TECHNICAL EDUCATION
(GOVERNMENT OF KERALA)



GOVTENG COLLEGE, BARTON HILL
Inculcating professionals to transcend the nation



Translational Research and Professional
Leadership Centre
Government Engineering College Barton Hill,
Thiruvananthapuram



IN ASSOCIATION WITH
Smart City
Thiruvananthapuram Ltd.

Welcome to National Seminar on 'Smart Cities: An Interdisciplinary Approach'

The National Seminar on Smart Cities: An Interdisciplinary Approach, aims to provide a platform for professionals to present, discuss and debate about the various aspects of smart cities in terms of Infrastructure, environment, energy management, e-governance, transportation, data management, waste management, tourism. The smart cities evolve towards a strong integration of all dimensions of human intelligence, collective intelligence, and also artificial intelligence within the city.

This platform serves as a pool for of professionals from academia, industry and research organizations, for sharing their ideas/experiences and case studies regarding smart cities and to bridge the gap between the research and the practices with Interdisciplinary approach.

The national seminar, 2024 would be the most potent platform for analyzing the current strategies and technologies for smart cities and the future perspectives from an interdisciplinary approach. Various technologies on smart transportation such as e-mobility, smart traffic control and surveillance, smart vehicle and drone technology will be enlightened in this seminar.

TPLC, GEC BARTON HILL

Translational Research and Professional Leadership Centre [TPLC] is an interdisciplinary centre functioning at Government Engineering College Barton Hill under the Directorate of Technical Education. It started in 2015 in PPP mode with the introduction of the AICTE approved interdisciplinary post-graduate program in Translational Engineering, affiliated to APJ Abdul Kalam Technological University. The centre functions in collaboration with premier institutes like IITs, Technological University Delft, Netherlands, Govt. and semi-Govt. departments, a few NGOs like Thanal, Druvansh (Hyderabad), etc. The centre has been able to bring up four start-ups from among the M.Tech Translational Engineering students, out of which three are incubated in the college campus itself and functioning well. The main aim of the centre is translating the research findings into real-time projects, thereby bridging the gap between academia and practice. The centre strives to mould students into responsible professionals with social commitments.





COLLABORATING INSTITUTE

SMART CITY MISSION

Smart City Thiruvananthapuram Limited is an Special Purpose Vehicle (SPV) set up for implementation of Smart City Mission of Government of India with a project overlay of Rs. 1538 Cr. Thiruvananthapuram was selected in the third round of Smart City Selection and secured first rank in the Smart City Challenge in 2017.

The projects can be grouped into two categories; Pan City Solution (IT based solution) for entire corporation area and Area based development (ABD) Projects which are specifically targeted for 9 wards in the City Centre as a retrofit model.

THEMES

-  **INFRASTRUCTURE**
-  **ENERGY MANAGEMENT**
-  **TRANSPORTATION**
-  **WASTE MANAGEMENT**
-  **SMART TOURISM**
-  **DATA MANAGEMENT**
-  **ENVIRONMENT**
-  **E-GOVERNANCE**

SPEAKERS

KEYNOTE SPEAKER



Shri. Rahul Krishna Sharma IAS
Housing Commissioner & CEO,
Smart City Thiruvananthapuram Ltd.



Shri. Sudhendhu Jyoti Sinha
Advisor, Infrastructure
Connectivity & Electric Mobility
Vertical, NITI Aayog, Govt of India



Dr. Shanti K. Swarup
Professor, Department of Electrical
Engineering, IIT Madras



Dr. Uday Shankar
Associate professor, Rajiv Gandhi
School of Intellectual Property Law,
IIT Kharagpur



Dr. Achuthsankar S Nair
Professor of Computer Science,
University of Kerala (Heading
Dept. of Computational Biology &
Bio-informatics).



Shri. Murali L. S.
Senior Project Advisor,
KIIFB



Dr. Alex James
Dean Academic, Professor,
Dgital University Kerala



Dr. Jayasree T. K.
Assistant Professor, Department of
Architecture and Planning, National
Institute of Technology Calicut



Dr. Saroop Roy B. R.
HoD, Commerce & Coordinator,
Centre for Responsible Tourism,
Kerala Institute of Tourism & Travel
Studies



Shri. Shibu K. Nair
Regional Organics Campaigner,
GAIA Asia Pacific



Er. Shreeganesh V. Nair
Chief Consultant, M/s Ganesh
Technical Consultancy Services



Dr. Suja R.
Associate Professor & Coordinator,
TPLC Govt. Engineering College
Barton Hill



Shri. Anoop Vidyadharan
National Mentor for ICCC's,
Ministry of Housing & Urban
Affairs & Project in Charge (CITIIS),
Cochin Smart Mission Ltd.



Dinesh Kumar A. N.
Joint Director,
Energy Management Centre-Kerala

WHO CAN APPLY

All professionals, practising engineers, faculty from various colleges, research scholars and students who are interested in the various domains of smart cities.

HOW TO APPLY

You can register in the national seminar via the link given below or through the TPLC website. You need to upload the receipt of the registration fees payment for the registration process to be completed. On successful registration, an approval mail will be sent to your registered mail id.

Link for registration: https://bit.ly/smart_city_2024
TPLC website: www.tplc.gecbh.ac.in

Last date for registration is 12th February, 2024

REGISTRATION FEES

Registration Fees : ₹ 500/-

ONLINE PAYMENT DETAILS

Payment can be made online to the account given below:

Account No.: 6731 4066 447

Account Name: TPLC

Bank Name: SBI

Branch: VIKAS BHAVAN

IFS Code: SBIN0070415

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The organization can become sponsors of the event. The estimated budget of each category is mentioned below.

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Shri. Krishna Kumar S.

GM - Operations, Smart City Thiruvananthapuram Ltd.

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