



All India Council of
Technical Education,
New Delhi



Directorate of Technical
Education, Mumbai



Maharashtra State
Board of Technical
Education,
Mumbai



Indian Society for
Technical Education, New
Delhi



National
Environmental
Engineering Research
Institute, Nagpur



International Conference

on

“Smart Villages: Technology for Sustainable Development”

(IC-SVTSD 2021)

(07th - 08th October 2021)

Organized by



Government Polytechnic Sakoli

Dist. Bhandara, Maharashtra 441802

<http://gpsakoli.ac.in/>

Government Polytechnic Sakoli is one of the prominent institutions in Bhandara district of Maharashtra State and is imparting technical education since 1983. We aim to contribute to the weaker sections of the society through quality technical education. The development of society through many innovative technologies and implementation policies is one of the key and thrust areas. Their propagation in the tribal and rural areas through better interaction and efforts will add value and prove to be beneficial for the development.

Aims & Objectives of the Conference

The main objective of the conference is to disseminate awareness of latest advances and innovations in technology for rural development. Due to recent pandemic situation

throughout the world, there is a global interest to minimize the gap between urban and rural communities and improve upon the various important issues viz. environmental protection, rural development, agriculture etc. maintaining balance with industrialization. This will be possible by developing “Smart villages” with sustainable development. In this direction, the conference will provide a light on these genuine issues, their possible solutions and better interaction with the society. It will provide a common platform to various professionals, researchers, students and interested participants to share their thoughts on the theme.

About the Conference

The following topics are proposed for the conference. It is requested to contribute on any topic in your area of interest appropriate for the theme.

POLICIES AND GOVERNANCE

- Rural development policies
- Socio- Economic significance
- Private-Public-Partnership (PPP) for development
- Role of NGOs/organizations
- Rural education
- E-Governance

INNOVATIONS AND TECHNOLOGIES

- Appropriate technologies
- Science and technical applications
- Digital awareness, applications and solutions
- Smart villages and technologies
- Innovative approaches to support sustainable agriculture
- Sustainable Engineering
- Material Science
- Non-conventional Energy
- Innovative solutions and impact of technologies
- IoT & Big Data Analysis
- Agro machineries
- Applications of any engineering/science/management disciplines

INFRASTRUCTURE

- Land and Natural Resources Management
- Low cost & Energy Efficient Housing
- Integrated crop production and plant protection techniques
- Irrigation and Drainage
- Rural Water Supply
- Rural Transport
- Automated fertigation
- Healthcare, Sanitation and Hygiene

INDUSTRY INTERACTION & APPLICATIONS

- Development & Marketing of Rural/Tribal Products
- Rural employment
- Agro industries
- Food Technology
- Cottage and Small Scale industries
- Advances in animal husbandry management
- Eco-tourism
- Impact of industrial development
- Start-up business ideas

About the Institute

It is governed by Higher and Technical Education Department, administered by Directorate of Technical Education and affiliated to MSBTE, Mumbai. The institute is offering five diploma programmes viz. Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Telecommunication Engineering and Computer Technology with total intake of 300 students. Institute has highly qualified and experienced teaching faculty from premier institutes viz. IITs/NITs. It has a training and placement cell to provide information about the career opportunities and arranges various placement drives for students. It has a boy's hostel and two girl's hostels with capacity of 175 and 100 respectively. The campus is spread over the vast area of 19 acres of land surrounded by lush green tall trees.

Location and nearby places of attraction

Sakoli is located on the Nagpur-Raipur National Highway (NH- 06). It is 55 kms from the East of Bhandara Road railway



Bamboo Research and
Training Centre
(BRTC), Chichpalli,
Chandrapur



Science and Technology
Resource Centre (STRC),
Gondwana University,
Gadchiroli



Government College
of Engineering
(GCOEN), Nagpur



Krishi Vigyan
Kendra,
Sakoli, Bhandara



Centre of Science for
Villages (CSV),
Dattapur, Wardha

station on Mumbai–Howrah rail line. Dr. Babasaheb Ambedkar International Airport, Nagpur is 110 Kms away. The city is blessed with a healthy climatic zone and well surrounded by lakes, forest and hills. Nearby tourist places of attraction are Nagzira National Tiger Reserve, @15 km, Navegaon National Park, @25km with several other picnic spots.

Call for Papers

Abstracts (100-300 words) of papers are invited and should be neatly word typed as per template and the softcopy should be submitted at the link [Abstract IC-SVTSD 2021](https://www.icsvtsd2021@gmail.com) of the conference submissions. Upon acceptance, the full paper as per the guidelines of the journals (Appropriate formats are provided in registration link.) shall be prepared and mailed to icsvtsd2021@gmail.com

Publication Details

For publication of selected full-length papers in the conference, the following online international journals / book chapter are made available at concessional publication fees as mentioned. The author can choose one of them.

- Book – “Computing Technologies and Applications : Paving Path Towards Society 5.0”, CRC Press, Taylor & Francis Group, USA (Scopus Indexed) (Shortlisted high quality papers submitted before April 2021 will be considered and processed further.)
- International Journal of Innovations in Engineering and Science (ISSN : 2456-3463) (Publication fee Rs. 1100/-) DOI for individual manuscript <http://www.ijies.net/>
- International Journal of Engineering and Creative Science (ISSN: 2581-6667) (Publication fee Rs. 600/-) <http://ijecs.net/>

Important Dates

Abstract Submission: 09/08/2021
Intimation of acceptance: 20/08/2021
Submission of full paper: 16/09/2021

Registration Fee (per person)

Type	Participation/Presentation Fee
Industry / Professional Delegate	Rs. 2000
Faculty	Rs. 1000
Research Scholar	Rs. 750
Student	Rs. 500
Accompanying person	Rs. 500

Payment (Participation/Presentation Fee + Publication Fee) should be made **Online** as detailed below.

Bank Name: Canara Bank **IFSC:** CNRB0005533

Acc. Name: Convener SVTSD

Account Number/Type: 5533101002159/Saving

Registration Link: [IC- SVTSD 2021](https://www.icsvtsd2021@gmail.com)

The registration fee includes kit, breakfast, lunch, tea/coffee and proceedings of abstracts. Please mail the scanned copy of transaction slip to the Co-convener by email.

Excursion Tour: One day visit to nearby Nagzira National Tiger Reserve / Park will be arranged on 09 Oct'2021 with additional nominal charges depending on the number of interested participants.

Key Note Speakers

Prof. Mrs. Chintha Jayasinghe, Senior Professor, University of Moratuwa, Sri Lanka.
Dr. Devdas Menon, Professor, IIT Madras, India
Dr. Daniel Maskell, University of Bath, UK
Dr. Tarendra Lakhankar, Research Scientist, CESSRST, The City College of the City University of New York
Dr. Soham Pandya, Secretary and Executive Director, Centre of Science for Villages, Wardha, India

Accommodation

Limited accommodation is available in the Institute Guest house and Hostels (Boys and Girls separately). Rooms will be made available on payment basis and availability as per the institute norms. Accommodation can also be arranged in nearby hotels on prior intimation.

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