



First Announcement International Conference

on

“Technology for Tribal and Rural Development”(IC-TTRD 2021) (29th - 30th January 2021)

Organized by



Government Polytechnic Sakoli

Dist. Bhandara, Maharashtra 441802

In association with



Indian Society
for Technical
Education, New
Delhi



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

Background

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 tribal and rural development so as to contribute towards the national development. It also aims to discuss the important and key issues viz. policies and governance, innovations and technologies, infrastructure, industry interaction & applications. The conference will provide a light on the genuine issues, their possible solutions and better interaction with the local 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

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

INNOVATIONS AND TECHNOLOGIES

- Appropriate technologies
- Science and technical applications
- Digital awareness, applications and solutions
- Smart villages and technologies
- Sustainable Engg. – planning, technology and development
- Material Science
- Non-conventional Energy

- Innovative solutions and impact of technologies
- IoT & Big Data Analysis
- Applications of any engineering/science/management disciplines

INFRASTRUCTURE

- Land and Natural Resources Management
- Low cost & Energy Efficient Housing
- Irrigation and Drainage
- Rural Water Supply
- Rural Transport
- Healthcare, Sanitation and Hygiene

INDUSTRY INTERACTION & APPLICATIONS

- Development & Marketing of Rural/Tribal Products
- Rural employment
- Agro industries
- Cottage and Small Scale industries
- 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 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.

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

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 sent to the Co-convener by email (ujjwalaaher@gmail.com). Upon acceptance, the full paper as per the guidelines of the journals (Please see publication details given below.) and sent by email.

Template link: [Abstract IC-TTRD 2021](#),

Publication Details

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

- International Journal of Innovations in Engineering and Science (ISSN : 2456-3463)(Publication fee Rs. 1100/-) DOI for individual manuscript <http://www.ijes.net/>
- International Journal of Engineering and Creative Science (ISSN: 2581-6667)(Publication fee Rs. 600/-) <http://ijecs.net/>
- A Scopus Indexed Journal.....*details in process*

Important Dates

Abstract Submission: 09/11/2020
Intimation of acceptance: 20/11/2020
Submission of full paper: 16/12/2020

Registration Fees (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/Branch: Canara Bank
Acc. Name: Institute Welfare Fund,
Government Polytechnic Sakoli
Account Number/Type: 5533101002159/Saving
IFSC: CNRB0005533

Registration Link: [IC-TTRD 2021](#)

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.

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 (in case of offline conference)

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.

CHIEF PATRON

Dr. Abhay Wagh
Director, Directorate of Technical Education, M.S., Mumbai

PATRONS

Dr. V. M. Mohitkar
Director, MSBTE, Mumbai

Dr. R. N. Nibudey,
Joint Director, DTE, R. O. Nagpur

Prof. V. R. Jadhav
Secretary, MSBTE, Mumbai

Dr. S. J. Patil
Deputy Secretary, RBTE, Nagpur

PROGRAM CHAIR

Dr. Ashok Upadhyay,
Principal, Government Polytechnic Sakoli
E-mail: principal.gpsakoli@demaharashtra.gov.in
Contact No.: (O) 07186-237470

CONVENER

Dr. V. G. Kondekar
Head, Department of Civil Engg., (M) 7387721252
E-mail: vijaykondekar@rediffmail.com

CO-CONVENER

Prof. U. B. Aher
Computer Technology, (M) 7020396702
E-mail: ujjwala.aher@gov.in, ujjwalaaher@gmail.com

ORGANIZING SECRETARIES

Prof. V. A. Wararkar, Electrical Engineering
(M) 7020082208, E-mail: vijuwararkar@rediffmail.com

Prof. N. S. Pawar, Mechanical Engineering
(M) 9404343235, E-mail: nspawar70@yahoo.co.in

Prof. A. A. Bajpayee, Computer Technology
(M) 8830553931, E-mail: abhijeet.bajpayee1987@gmail.com

Prof. R. B. Sathe, Electronics & Telecommunication Engineering
(M) 9975626527, E-mail: sathe345@gmail.com

LOCAL ORGANIZING COMMITTEE

Prof. R. V. Yenkar, Head, Electronics & Telecommunication Engg.

Prof. B. S. Vaikunthe, Mechanical Engineering

Prof. V. B. Khobragade, Computer Technology

Prof. G. R. Devalkar, Science & Humanities

TECHNICAL ADVISORY COMMITTEE

Dr. U. K. Chaudhary, Former Professor, IIT BHU, Varanasi
Dr. D. P. Kothari, Dir. Research, Former VC, VIT Vellore
Prof. Mrs. Chintha Jayasinghe, Senior Professor, Uni. of Moratuwa, Sri Lanka.

Dr. Daniel Maskell, University of Bath, UK

Dr. D. P. Mishra, Professor, IIT Kanpur

Dr. L. M. Gupta, Professor, VNIT, Nagpur

Dr. R. C. Vaishya, Professor, MNNIT, Allahabad

Dr. R. K. Ingle, Professor, VNIT, Nagpur

Dr. Benny Raphael, Professor, IIT Madras

Dr. O. R. Jaiswal, Professor, VNIT, Nagpur

Dr. R. V. Ralegaonkar, Professor, VNIT, Nagpur

Dr. Eugene Wong, Associate Professor, Newcastle University, Singapore

Dr. Syed Fida Hussain, Associate Professor, King Fahd University of Petroleum and Minerals, Dhahran, Saudi Arabia

Dr. Mrs. S. S. Kulkarni, Director, RIT Rajarampur, Islampur

Dr. M. B. Kumathekar, Principal, GCOE, Nagpur

Dr. Vivek Nanoti, Principal, PIET, Nagpur

Dr. G. Bodhe, Chief Scientist, NEERI, Nagpur

Dr. A. M. Shende, Principal, PJLCOE, Nagpur

Dr. Mrs. Manali Kshirsagar, Principal, RGCOE, Nagpur

Mr. Anant B. Aher, Senior Manager, Bruton, Wolf Wire Rope, Dubai, UAE

Mr. Jaideep Singh, Senior Technical Program Manager, Amazon, New York

Dr. R. C. Ramola, Professor & Dean, SRH Univ., Dehradun

Dr. P.B. Daigawane, Professor, GCOE, Nagpur

Dr. Valsan Verghese, Head, KDKCOE, Nagpur

Dr. Ms. U. Shrawankar, Professor, GHRCE, Nagpur

Dr. S. B. Ingole, Associate Professor & TPO, GCOE Chandrapur

Dr. Nitin K. Mandavgade, Associate Professor, NIT, Nagpur

Dr. G. K. Awari, Head, GP Nagpur

Dr. G. V. Gotmare, Head, GP Gondia

Dr. Mrs. L. Malik (Bhagat), Associate Professor, GCOE, Nagpur

Dr. S. P. Khandait, Professor, KDK College, Nagpur

Dr. P. R. Gandhi, RKNCOE, Nagpur

Dr. Manu Vashistha, DBRAIT, Port Blair, Andaman & Nicobar Islands

Dr. M. M. Raghuvanshi, Professor, YCCE, Nagpur