

Areas

Research papers from all branches of science and technology are invited for oral and poster presentation. The interested participants are requested to submit the abstract (NOT EXCEEDING 1000 WORDS) at via e-mail : mihirhota@nist.edu. For detail please kindly visit www.nist.edu. Selected abstract will be published in the proceeding of the seminar.

- ✓ Faculty members, students from other college are invited to participate.
- ✓ One person can present only one poster/paper.
- ✓ Best poster and paper will be awarded.

Registration fees

CATEGORY	ISTE MEMBERS	NON-ISTE MEMBERS
FACULTY	200	250
STUDENTS	150	200
SPOT REGISTRATION	250	250

Peper Presentation

Abstract submission opens : 5th Nov. 2019

Abstract submission closes : 20th Nov. 2019

Organizing Committee

Patrons

Dr. Sukant K Mohapatra

Chairman, NIST Governing Body

Program Convener

Dr. Ajit Kumar Panda

Principal, NIST, Berhampur

Program Coordinator

Dr. Mihir Hota

Faculty Advisor, NIST ISTE Student Chapter

Advisory Committee

Dr. PK Desai, President, ISTE

Prof. Vijay D. Vaidya, Executive Secretary, ISTE

Dr. S M Ali, Chairman, ISTE Odisha Section

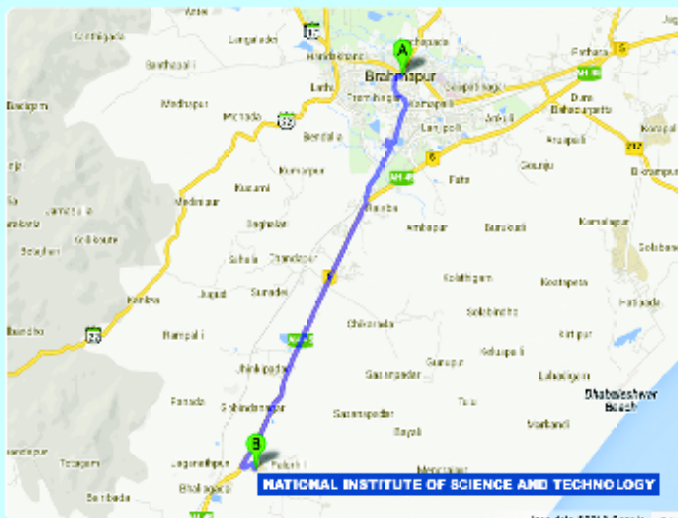
Dr. K KRout, Secretary, ISTE Odisha Section

Dr. Bimal Sarangi, Past Chairperson, Odisha section

Dr. P K Parhi, National Executive Council Member, ISTE

Dr. Manas Ranjan Senapati,

National Executive Council Member, ISTE



Session

Registration: 09.00 A.M. to 10.00 A.M.

Inauguration: 10.00 A.M. to 10.15 A.M.

Address by Chief Guest : 10.15 A.M. to 10.45 P.M.

Address by Guest of Honour : 10.45 A.M. to 11.10 P.M.

Tea Break: 11.15 A.M. to 11.30 A.M.

Talk 1: 11.30 P.M. to 12.30 P.M.

Talk 2: 12.30 P.M. to 01.30 P.M.

Lunch: 01.30 P.M. to 02.30 P.M.

Paper Presentation: 02.30 P.M. to 04.00 P.M.

For Further details contact:

Dr. Mihir Hota

National Institute of Science and Technology

Institute Park, Palur Hills, Berhampur, Odisha – 761008

Mob: 9437621540, Email id : mihirhota@nist.edu

22nd State Level Annual Faculty Convention

&

National Seminar On

Recent Innovation

&

Challenges

In Renewable Energy

For Nation Building



of

ISTE, Odisha Section

7th & 8th December, 2019



Organised by

ISTE Faculty Chapter



Venue : NIST Auditorium

Time: 10.00 A.M. to 04.00 P.M.

NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY

Institute Park, Palur Hills, Berhampur, ODISHA-761008

Registration Form

22nd State Level Annual Faculty Convention of ISTE OdishaSection

(Date : 7th & 8th December 2019)

Name:

Professional Membership No.:

Institute:

Address:

E-mail:

Mobile:

Signature in Full

Date :

Place :

About NIST :

National Institute of Science and Technology (NIST) (www.nist.edu) is an autonomous institute established in 1996 as first engineering college in southern Odisha. NIST is the first NRI higher education initiative in the state established with an objective to have a center of academic excellence and research at par with international universities in the founders' home state of Odisha. Located at foothills of Pallur Hills in Berhampur, spanning over sixty acres of lush green campus, NIST is a premiere research institute in the country offering undergraduate, graduate, and Ph.D. program in Engineering, Science, and Management.

NIST has set benchmark through its outstanding academic programs, quality education, and cutting edge multidisciplinary research in the areas such as VLSI Design, Data Science, High Performance Computing, IoT, Renewable Energy, and Mechatronics etc. NIST faculties are among BOYSCAST and Fulbright scholars, INSA fellows, USRI scientist and Samant Chandrashekar young scientist award recipients including other achievements. NIST has over twenty Centers of Excellence (CoE) and three Centers of Research Excellence (CRE) where students, faculties, and scholars do collaborative research in areas spanning from embedded system, nanotechnology, robotics, analytics, parallel processing, 5G communication to renewable energy. NIST faculties and scholars are recipient of significant research grants from multiple international and national organizations like DSTSERB, DSTWOSA, DSTAMT, MHRD, UGC, AICTE etc. NIST has research collaboration with Universities around the globe [e.g., IAMS (Taiwan), Univ. of Electro-Communication (Japan), Brunel University (London), and NJIT(USA) ...] and strong industry-academia partnership with multiple industries in different sectors. Many of the research and industry collaboration has resulted in innovative product and solution in the area of Specialized ERP, Micro-grid, Smart Agriculture, Home Automation etc. NIST has produced over 14000 alumni who contribute globally in the areas of technology, leadership, entrepreneurship, social and public services.

NIST is NACC "A" and NBA accredited. It is ranked 69th by NIRF, MHRD (Govt. of India) in 2016, 69th in All-India by DATAQUEST in 2017, and 58th and 60th in all India by OUTLOOK in 2018 and 2019 respectively.

ISTE :

The Indian Society for Technical Education is a national, professional, non-profit making Society registered under the Societies Registration Act of 1860. First started in 1941 as the Association of Principals of Technical Institutions (APTI), it was converted into "Indian Society for Technical Education"

in 1968 with a view to enlarge its activities to advance the cause of technological education. The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industries and other organisations. Being the only national organisation of educators in the field of Engineering and Technology, ISTE effectively contributes to various missions of the Union Government. The Ministry of Human Resource Development, AICTE/DST/MIT/State Govts. are well associated with the ISTE for programs relating to technical education.

Objective of the Faculty Convention

The major objective of the ISTE is to provide quality training programs to teachers and students of technical institutions to update their knowledge and skills in their fields of activity and to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organizations.

Focal Theme

The use of renewable can be seen in day to day life basically in four areas electricity generation, air and water heating and cooling transportation and rural(off-grid) energy services. The existence of this energy has been found across wide geographical area as compared to other energy sources. Large application of renewable energy has resulted in significant improvement in energy security, climate change mitigation and economic benefits. The use of renewable energy has directed the people to move forward from conventional fuels due to the environmental reasons. Renewable energy can be defined as a form of energy derived from the natural sources which cannot be depleted such as wind or solar power. They are the natural energy present in all forms ranging from sunlight, wind, waves, geothermal heat and tides. The development in renewable technologies has led to human development both way rural and urban. It won't be wrong to say that renewable energy is leading to sustainable development.

Areas

The seminar includes invited oral / poster and paper presentations in various disciplines as given below :-

- Energy Efficiency, Energy Storage
- Smart Grids, Sustainable Energy
- Distributed Renewable Energy Systems
- Green Energy, Waste-to-Energy
- Hybrid Renewable Energy Sources