

The Institution of Engineers (India)

97 years of Relentless Journey towards
Engineering Advancement for Nation Building

All India Seminar
on
"ROLE OF ENGINEERS FOR SUSTAINABLE
AGRICULTURE RELATED TO MODERN INDIA"

(July 28th-29th, 2017)
(Berhampur)

Organised by



The Institution of Engineers (India)

BERHAMPUR LOCAL CENTRE

under the aegis of

AGRICULTURAL ENGINEERING DIVISION BOARD, IEI

In Association with

Gandhi Academy of Technology & Engineering (GATE) &
BPUT, Rourkela, Odisha



Venue

Gandhi Academy of Technology & Engineering (GATE),
Golanthara, Berhampur

ABOUT THE INSTITUTION OF ENGINEERS (INDIA)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of over 0.7 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from 114 Centres located across the country. The Institution has established R&D Centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examination in different Engineering disciplines, the successful completion of which is officially recognized as equivalent to a Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt of India. Every year as many as 90000 candidates appear for these exams. For details, please visit www.ieindia.org

And the Institution of Engineers(India), Berhampur Local Centre is one of the most progressive and leading local centres with the same objective. It has been functioning in Berhampur since the year 1996 with the engineering professionals of Southern Odisha.

ABOUT GATE-THE ORGANIZER

Gandhi Academy of Technology & Engineering is under the dynamic leadership of **Dr. Satya Prakash Panda**, chairman. It's a technical college with a vision is to be a world class knowledge enterprise with academic and professional excellence in technical education. Its mission is to produce engineers and researchers with technical expertise on par with international standards, professional attitudes and ethical values with the ability to apply acquired knowledge to have a productive career and empower spiritually to serve humanity. The institute is approved and accredited by AICTE, New Delhi, affiliated to BPUT, Odisha and recognized by Govt. of Odisha and it is situated at a distance of 12 K.M. from Berhampur local centre on the right hand side of N.H.16.

ABOUT THE PROGRAMME WITH OBJECTIVE

India is comprised of various states and so also with different languages. According to the localities varied numbers of cultures are being observed by the Indian people. But over and above agriculture is the real culture. It has enabled the ancient men to live a settled life and develop the beginning of civilization. It supports about 70 percent of the population and the most important fact is - "Indian economy is mostly governed by agriculture".

Now looking to the past history of food production we are aware of the fact that at the juncture of independence the national food grain production was very meagre figuring to 50 M.T. only. The country was not self sufficient then relating to agricultural productions. But adoption of engineering technologies in various operations and stages of crop, the productivity was augmented to a remarkable figure of 252 M.T. during the year 2011-12 and this has happened only due to the relentless endeavours of the engineers. However and whatever, the case may be, this rising trend of agricultural production should in no way be ceased. In furtherance with this as we will have to aim for harvesting 350 M.T. of food grains by the year 2025, to cater the demand of exploding population, the crops in the fields have to be perennial and move productive even in spite of major changes in the temperature, solar radiation and precipitation.

But in order to achieve this and make the agriculture sustainable through out the year the engineers have to play their roles significantly.

Still then keeping abreast of the principle that agricultural productivity is not only a function of pure technology but always interacted by the will and preference of the farming people, the engineers concerned shall aim at maximization of productivity consistent with the people acceptability of the changing pattern, They should gear up and accelerate the updated technologies as per the local feasibility in a systematic manner and challenging way for making agriculture sustainable and getting more food production.

THEMES :

“Role of Engineers for Sustainable Agriculture - Related to Modern India”.

SUB THEMES :

- ✿ **Intelligent Agricultural System**
- ✿ **E-Agri**
- ✿ **Agro-Electronics**
- ✿ **Computerised Decision Support Aids**
- ✿ **Electronic Monitoring or Control of any aspect of Crop Production**
- ✿ **Post Harvest Operation**
- ✿ **Food Processing & Storage**
- ✿ **Irrigation & Water Management**
- ✿ **Rain water Management in Drought Prone Areas**
- ✿ **Machine, Vision & Robotics in Agriculture**
- ✿ **Utilization of Renewable Power sources for Agriculture Application**

A Brief Note where in the Host centre is positioned :

Berhampur city now named as Brahmapur is the third most populous urban area in the state of Odisha. It is situated in the eastern coastal line of Ganjam District. Being famous for production of silk sarees by the local weavers the city is also nick named as “Silk City”. It is well connected to all parts of the state and important places of country

by the N.H. Roads, state high way roads and the rail networks. The city being hub of political, Cultural Roads, state high way roads and the rail networks. The city being hub of political, Cultural, Educational and various commercial activities now attract a significant number of outsiders from other parts of the state and country as well.

While Bhubaneswar, the state capital is near about 170 K.M. far from Berhampur, Gopalpur on sea is located at a very short distance. The industrial areas such as IRE Ltd., Aditya Birla Group, Gopalpur Ports Ltd. and the Steel Plant TATA, special economic zone TATA, All India Institute of Science & Research etc. are situated closely to it. So also the combination of famous tourism places and temples such as Narayani, Tara Tarini and Siddha Vairabi now well known as “Golden Triangle” of Ganjam district has contributed much to turn Berhampur into a well developed and modern city.

Climate: The climate of Berhampur during August is very pleasant with maximum temperature of 33°C and minimum temperature of 20°C.

Accommodation:

A number of medium grade hotels are available at Berhampur and Gopalpur on Sea area with ranges from Rs. 500/- to Rs. 10,000/- for depending upon the facilities available.

The desirous delegates may contact the Organizing Secretary Er. Sanjaya Kumar Moharana, AMIE in connection with reservation of hotels on advance payment basis.

Transport:

Berhampur is well connected by road and rail. It is along Chennai-Howrah National Highway (NH-16). Berhampur is an important Railway Station on the Chennai-Howrah Rail Route. The nearest Air Port at Bhubaneswar and Visakhapatnam are located at distance of 180 K.M. and 260 K.M. respectively.

VENUE

Conference Hall, GANDHI ACADEMY OF TECHNOLOGY & ENGG. Berhampur, Odisha

Technical sessions and call for papers :

Members of Engineering fraternity from Industries, Research and Development Organizations, Academic Institutions, Government Departments, Private Sector are welcomed to share their rich and valuable experiences, concepts, thoughts by contributing technical papers / posters having scientific, engineering and economic importance on the theme and sub-themes including opportunity for young entrepreneurs in the application of various imparts for sustainable agriculture.

IMPORTANT DATES:

Last date for receipt of full paper	:	10th July 2017
Intimation of acceptance	:	15th July 2017
Last date for delegate registration	:	25th July 2017
Last date for receipt of advertisement	:	20th July 2017

REGISTRATION FEE:

CATEGORY	AMOUNT (Rs)
Delegates nominated by organizations/Industries	1000/- (per head)
Members of Institution of Engineers (India)	300/- (")
Non Members of Institution of Engineers	500/- (")
Student Engineers	150/- (")
Accompanying spouse (For all categories)	150/- (")

Souvenir:

A colourful Souvenir containing messages, technical papers, advertisements etc. will be brought out on the occasion and shall be made available to all the participants, sponsors and advertisers.

Guidelines for papers & posters:

Authors intending to present paper in the Technical Sessions are requested to submit two copies (4-5 pages) of full paper (A4 size) with a soft copy (CD) on the above themes on or before 10th July 2017 in the following format, MS word with default margin setup, Times New Roman Font 12 Flow charts, equations, image and figures as per requirement. They can send their paper through e-mail to berhampurc@ieindia.org or mohendrakumarpati@gmail.com.

- Posture:
1. Small size (space provided, 2.5 ft(W) x3.5 ft(H))
 2. Big size (space provided, 4.5 ft (W) x 3.5ft (H))

Note: OHP and LCD projector will be provided by the Organizers.

Advertisement Tariff:

We invite advertisements in the Souvenir as a financial support to the Symposium and the tariffs are noted below:

Back cover page (full page, multicolor)	Rs. 25,000/-
Inside cover (front / back, full, multicolor)	Rs. 20,000/-
Inside full page (multicolor)	Rs. 15,000/-
Inside full page (black and white)	Rs. 8,000/-
Inside half page (multi color)	Rs. 5,000/-
Inside half page(black & white)	Rs. 3,000/-

Sponsorship for Event :

Installation of Stalls in Exhibition	Rs. 25,000/-
Display of cloth banner	Rs. 2,000/-
Welcome/ Delegation kit	Rs. 25,000/-

The name of the firm sponsoring the delegates kit will be acknowledged by printing the firms' name on the kits. Two delegates of the firm can participate as guest delegates. One page of advertisement of the firm will be included in the Souvenir in free of cost.

Lunch /Dinner (One Session) Rs. 30,000/-

The name of the firms will be displayed through appropriate banner and also will be acknowledged at respective lunch/ dinner site. Two delegates of the firm can participate as guest delegates. Half page advertisement of the firm will be included in the Souvenir in free of cost.

Inaugural High Tea**Rs. 10,000/-**

The sponsors name will be displayed through cloth banner during the Session. One delegate of the firm can participate as guest delegate.

Valedictory function & prizes**Rs. 15,000/-**

The sponsors name will be displayed through cloth banner during the session. One delegate of the firm can participate as guest delegate.

Technical Session	Rs. 5,000/-
Poster session	Rs. 2,000/-
Inaugural function	Rs. 5,000/-

Payments :

All payments are to be made by a/c payee Local cheque/ Demand Draft drawn in favour of The **Institution of Engineers (India), Berhampur Local centre** on any Nationalized Bank, payable at **Berhampur**.

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Prof. Dr. Pramoda Kumar Sahu, Principal Scientist, IARI, New Delhi

Correspondence address:

ORGANISING SECRETARY :-Er. Sanjaya Kumar Moharana, AMIE, Honorary Secretary,

Address of the Centre:-

The Institution of Engineers (India), Berhampur Local Centre,

O/o: Executive Engineer, Quality Control Division, Courtpeta, Berhampur-760004

Mobile No. : 09438604533/8763183990/9853692899

Email : berhampurlc@ieindia.org , skmoharana@hotmail.com

ALL INDIA SEMINAR ON "ROLE OF ENGINEERS FOR SUSTAINABLE AGRICULTURE RELATED TO MODERN INDIA" [28th-29th July-2017]

DELEGATE REGISTRATION FORM

To **THE HONORARY SECRETARY/CONVENER,**
The Institution of Engineers (India),
Berhampur Local Centre,
O/o Executive Engineer,
Quality Control Division, Courtpeta,
Berhampur-760004, Dist: Ganjam, Odisha.

Sir,

We are/I am interested in attending the All India Seminar on "**ROLE OF ENGINEERS FOR SUSTAINABLE AGRICULTURE-RELATED TO MODERN INDIA**" to be held during **28th-29th July-2017** at (Conference Hall), Gandhi Academy of Technology & Engineering(GATE), Golanthara, Berhampur, as delegate/sponsorer.

We are/ I am interested to join as Donor/Sponsor/Advertiser in the Souvenir of the All India Seminar.

(Strike out whichever is not applicable)

Name: _____

Designation: _____

Organization: _____

Address: _____

Phone: _____ **Fax:** _____

E-mail-ID: _____ **Mobile:** _____

Membership No: (if applicable) _____

(Patron/Donor/Sponsor may indicate the name/s of their nominee/s as Delegates)

Necessary Demand Draft for Rs. _____ Bearing No. _____

Centre, on.....Bank payable at Berhampur is enclosed

(Advance payment towards Accommodations Rs.....)

Should be enclosed along with the registration fees)

Details of Accommodation:

- 1. No of days accommodations required.....**
- 2. Range of tariffs (Rs. 800/- per person to Rs. 2500/-per day.....>>>.....**
- 3. Total Amount for accommodation.....**

SIGNATURE