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on  
**"Agro-Tech Industries:  
 Status, Scope and  
 Strategies for Food Security"**  
**Registration Form**

Name \_\_\_\_\_  
 Designation \_\_\_\_\_  
 Organization/Institution \_\_\_\_\_  
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 Mailing Address \_\_\_\_\_  
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 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
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 Registration Fee Rs. \_\_\_\_\_ Paid in  
 Cash/ Cheque/D.D.No. \_\_\_\_\_ Dt. \_\_\_\_\_  
 of Bank \_\_\_\_\_

Category:

- Member of The Institution of Engineer (India)
- Non-Members/ NGO
- Authors
- Students Member/ Technicians

Accommodation required: In Campus Hotel

Date: \_\_\_\_\_  
 Place: \_\_\_\_\_ Signature \_\_\_\_\_

**CONTACT**

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The Institution of Engineers (India)  
 GUJARAT STATE CENTRE

*"96 Years of Relentless Journey Towards  
 Engineering Advancement for Nation Building"*

**29th National Convention of Agricultural Engineers**

on

**"Agro-Tech Industries:  
 Status, Scope and  
 Strategies for Food Security"**

**February 20-21, 2016, Anand**



**Organised by**



**The Institution of Engineers (India)**  
 GUJARAT STATE CENTRE  
 Under the aegis of Agricultural Engineering Division, IEI

**In association with**



**Anand Agricultural University, Anand**



**Indian Society of Agricultural Engineers**



**Gujarat Agro Industries Corporation Ltd.**

**Venue**

**Anand Agricultural University  
 Anand-388110, Gujarat (INDIA).**

## ABOUT THE INSTITUTE 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 to share professional interest. IEI has membership strength of more than 0.7 million. Established in 1920, 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 over 111 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 Examinations in different disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resource Development, Government of India. Every Year as many as 90000 candidates appear for these exams. For details, please see: [www.ieindia.org](http://www.ieindia.org)

## ABOUT ANAND AGRICULTURAL UNIVERSITY

The Anand Agricultural University (AAU) has been carved out of the erstwhile Gujarat Agricultural University (GAU), the dream institution of Sardar Vallabhbhai Patel and Dr.K.M.Munshi, to provide support to the farming community in three facets namely education, research and extension education in agriculture and related sciences and technologies. At present, there are 10 colleges, 5 polytechnics, 23 research centres and 11 extension centres working in nine districts of Middle Gujarat, covering about 16% of geographic area and 22% of cultivable area of the State. So far, 662 technologies have been recommended for farmers/scientists/entrepreneurs and 50 crop varieties released, about 301 research projects are underway in different areas. The head quarter of the University is located at Anand.

## ABOUT THE NATIONAL CONVENTION

Agriculture is facing new and severe challenges in its own right including impact of climate change. With rising food prices that have pushed over 40 million people into poverty since 2010, more effective interventions are essential in agriculture (World Bank, 2011). There is a need to substantially

increase in the food production by 2020. Mechanized agriculture can greatly help in increasing farm worker productivity. This will call for demand of greater engineering inputs for introduction of high capacity, precision, reliable and energy efficient equipment. Irrigation accounts for up to 80% of water use, with the possibility that there will be less water available for irrigation in most regions of the world. This again raises certain issues to be resolved that enable irrigation to realize or increase its contribution to food security. Providing the farmers with information and communication assets and services will increase their productivity and incomes as well as protect their food security and livelihoods.

Agro-based industries have drawn specific attention of the people and business community during the recently held 'Vibrant Gujarat investors' Summit 2015. As farm mechanization, management technologies, information and communication technologies will add on increase in agricultural production, processing and value addition of products will fetch higher market price to the farmers.

Keeping above aspects in mind, a two days National convention is being organised to bring together different stakeholders and deliberate in detail all the relevant aspects.

## SUB-THEMES

- (i) Agro Tech Industry in India : Status and Prospects
- (ii) Farm Mechanization & Technological Advancement for Precision Agriculture.
- (iii) Management of Water Resources.
- (iv) Agro Processing and Value Addition.
- (v) ICT in Agriculture.

## INDUSTRY INTERACTION

There will be separate sessions for the following groups of industries wherein interactive discussion will be held on new innovations and products, market trend, constraints and policy issues to make a bridge.

- i. Plastics and Green House Manufacturers.
- ii. Machinery and Implement Manufacturing Industries.
- iii. Food and Agro Processing Industries, Storage & Structures.
- iv. Industries of Non-Conventional source of Energy.

## STUDENT PAPER AWARD

The student papers winning first three ranks will be awarded with certificates and cash prizes. CL

## CALL FOR PAPERS

Technical papers on the above themes and related topics are invited for presentation in the different sessions of the seminar. The authors should send two copies of extended abstract in IEEE template (not exceeding two A-4 size pages typed in 12pt., 'Times New Roman' font with double spacing) of their original works latest by December 15, 2015. Authors are requested to send a copyright form duly signed by them on email: [gujaratssc@ieindia.org](mailto:gujaratssc@ieindia.org)

## IMPORTANT DATES

Abstract Submission Closes: Dec 15, 2015  
Notification of Abstract Acceptance: Dec 25, 2015  
Full Length Paper Submission: Dec 31, 2015  
Communication of Acceptance for Full Length Paper: Jan 5, 2016

## REGISTRATION

The participants are advised to register in advance by remitting the registration fee as indicated below.

Members (IEI)	:	Rs. 1,000
Non Members	:	Rs. 2,000
Research Scholars/Students	:	Rs. 500

## SPONSORSHIP/ADVERTISEMENT IN THE SOUVENIR

Sponsorship	:	Rs. 1,00,000/-
Fourth cover page	:	Rs. 30,000/-
Second / Third inner page	:	Rs. 25,000/-
Full page colour	:	Rs. 20,000/-
Half page colour	:	Rs. 10,000/-

Free registration of 1-person per Rs. 10,000/- payment of advertisement will be provided.

## PAYMENTS

All payments are to be made through crossed Demand Draft/Cheque drawn in favour of "The Institution of Engineers (India), Gujarat State Centre", payable at Ahmedabad.

## ACCOMMODATION

Participants are requested to book accommodation on their own or ask for assistance to the Organizing Secretary. Accommodation available at Anand Agricultural University campus will be allotted on priority on payment basis.

## VENUE

The seminar will be held at the Anand Agricultural University Campus, Anand (Gujarat) on 20th – 21st February 2016.