



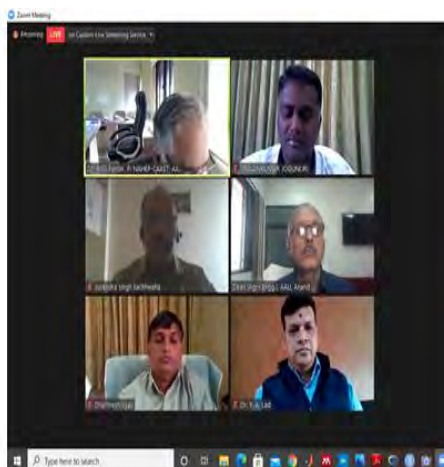
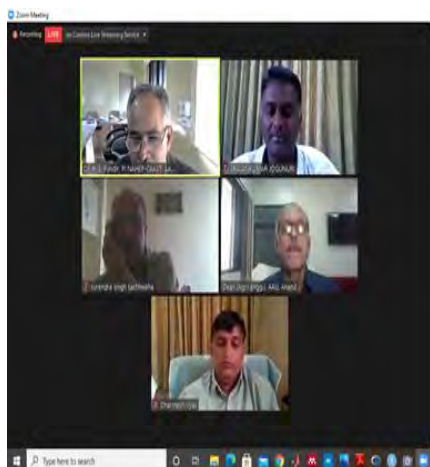
## Report of

# Online seminar on Cost Effective and Innovative Green Energy Initiatives for Futuristic Agriculture

The College of Agricultural Engineering and Technology Godhra & Centre for Agricultural Market Intelligenece, AAU, Anand jointly organized an online seminar on cost effective and innovative green energy initiatives for futuristic agriculture on 11<sup>th</sup> November 2020. About 750 participants registered for this event.

### Inagural session:

Time	Topic	Expert	Coordinator
09:30 to 11:10 Hrs	Inagural Function Key note address	Dr.R.Subbaiah (Chief Guest) Prinicpal and Dean,CAET,Godhra	Dr.R.S.Pundir Dr.D.K.Vyas Dr.Y.A.Lad Dr.S.R.Panigrahy



The event started with the welcome address by Dr.Dharmesh Vyas, organizing secretary of the seminar and introductory remarks by Dr.R.S.Pundir, Professor and PI,NAHEP-CAAST,AAU,Anand. During his introductory speech, highlighted the project objectives and progress so far made and the motto of organizing this seminar.

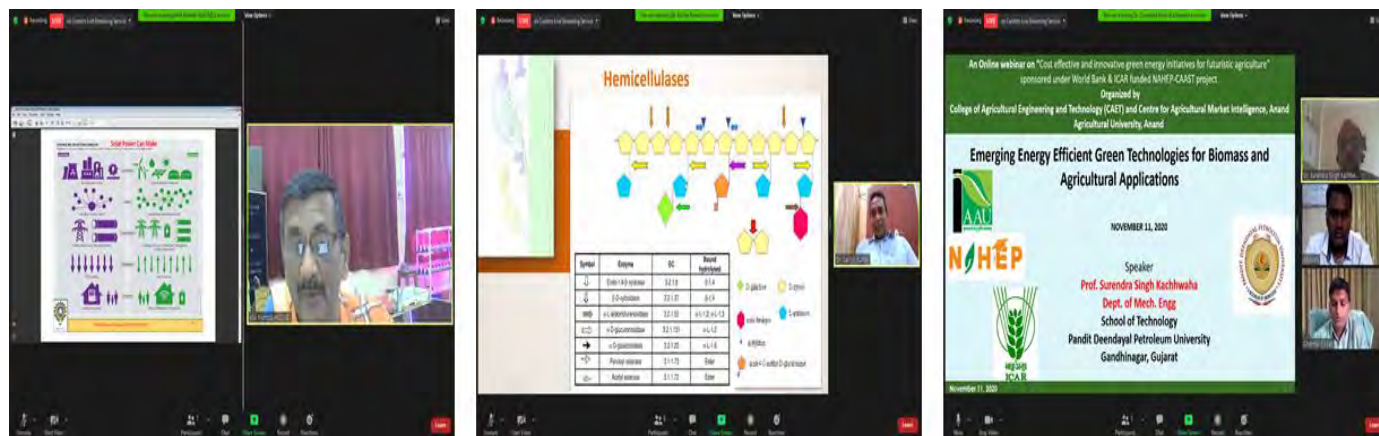
He thanked Dr.R.V.Vyas, Hon. Vice Chancellor of Anand Agricultural University for his continuous support and motivating entire team NAHEP-CAAST in all its activities. He thanked Dr.R.Subbaiah Principal and Dean, CAET,Godhra, who is the Chief guest and key note speaker. He also thanked Dr.A.G.Mohod, Dr.Sachin Kumar, Dr.Surendra Singh who were the guest speakers of the seminar.

Dr.R.Subbaiah, Chief guest and key note speaker delivered his talk on the theme of the day cost effective and innovative green energy initiatives for futuristic agriculture and also on wind energy applications in agriculture. It was an icebreaking session for the entire seminar and oriented all participants towards the goal of the seminar.

Inaugural session came to an end with the vote of thanks proposed by Dr.Y.A.Lad,joint organizing secretary and Co-PI,NAHEP-CAAST,AAU,Anand.

**Technical Sessions:**

Time	Topic	Expert	Coordinator
11:10 to 12:10 Hrs	Solar PV Energy for Agriculture: Today and Tomorrow	Dr.A.G.Mohod	Dr.D.K.Vyas Er.J.Sravankumar
14:30 to : 15:30 Hrs	Bio Reifning of Lignocellulogic Biomass for Energy Generation	Dr.Sachin Kumar	Dr.D.K.Vyas Er.J.Sravankumar
15:30 to 16:30 Hrs	Emerging Energy Efficient Green Technologies for Biomass and Agricultural Applications	Dr.Surendra Singh Kachwaha	Dr.D.K.Vyas Er.J.Sravankumar



Three technical sessions were organized through out the day on different aspects of renewable or green energy initiatives with cost effective approaches as per the schedule and topics mentioned below. All guest speakers added a different color to their presentations which is only possible with a vast experience of research in their respective fields. Emerging trends, challenges to be addressed in integrating the technologies, research scopes, cost effective approaches and many challenges that are yet to be addressed were focused in their talks. Also they shared to the possible extent and permissible research outputs that were being taken up/running at their institute so that, participants know what kind of a esearch is going on currently in premier institutes of the country.

## Plenary Session:

Time	Session	Co-ordinators
16:30 to 17:30 Hrs	Plenary Session	Dr.R.S.Pundir Dr.D.K.Vyas



Plenary session started with the welcome address by Dr.R.S.Pundir, PI of NAHEP CAAST,AAU and extended his greetings to the entire team for conceptualizing and organizing this online seminar successfully on such a theme which is very much as per the objectives of NAHEP.

Later, Dr.D.K.Vyas and Er.J.Sravankumar, coordinators of the technical sessions briefed observations through out the sessions to the chief guest.

Dr.R.Subbaiah, Chief guest in his plenary address appealed all the research experts in the field of Renewable Energy Engineering to aggressively take up the on field challenges, integrating a continuum flow right from research to deployment and from procuring raw material to reaching the end energy consumer to ensure reliability of renewable energy for its adaptability in futuristic agriculture.

Dr.S.R.Panigrahy, joint organizing secretary & Co-PI of NAHEP-CAAST proposed vote of thanks and ended the plenary session.

Whole sessions were anchored by Er.J.Sravankumar,Asst. Professor, CAET,Godhra.