Online Training on Space Technology & Machine Learning for Agriculture

28th & 29th October, 2020

Dr. Sakti Subburayalu
Research Assistant Professor
Dept. Soil Science and Agronomy
Agricultural Research Develop. Program
Central State University, Ohio, USA

Dr. Prakash K. Srivastava
Assistant Professor
Inst. of Environ. and Sustainable Development
Banaras Hindu University, India

Dr. A. K. Verma
Retired Professor
Dept. of Chemical Engg. and Technology
Indian Institute of Technology
Banaras Hindu University, Varanasi, India

Patrons

Dr. R. V. Vyasa
Vice Chancellor
AAU, Anand

Dr. R. C. Agrawal
DDG (Edu) & National Director
NAHEP, ICAR, New Delhi

Chief Guest & Key Note Speaker

Dr. Brian K Slater
Associate Professor & Associate Director
College of Food, Agril and Environmental science
School of Environment and Natural Resources
The Ohio State University, USA

Advisors

Dr. Prabhat Kumar
National Coordinator
NAHEP-CAAST, ICAR, New Delhi

Dr. Y. C. Zala
Principal & Dean
JAUIM, AAU, Anand

Joint Organizing Secretaries

Dr. D. R. Kathiriyana
Dr. Y. A. Lad

Committee Members

Dr. D. K. Parmar
Dr. C. R. Dudhagara
Dr. M. R. Prajapati
Ms. Vishita Khanna
Dr. Vinay Kumar, H. M.

Convener

Organizing Secretaries

Dr. R. S. Pundir
Professor & PI
NAHEP-CAAST
AAU, Anand

Ms. Rucha Dave
Co-PI
NAHEP-CAAST
AAU, Anand

Dr. Prity Kumari
Co-PI
NAHEP-CAAST
AAU, Anand

Registration Link: https://forms.gle/whPxDgxbNzkPDZwa8
# Online Training on ‘Space Technology & Machine Learning for Agriculture’

## Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Expert</th>
<th>Coordinator</th>
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<tbody>
<tr>
<td>28-10-2020 (Day 1)</td>
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<tr>
<td>10:00 to 12:00 hrs.</td>
<td>Inaugural Function</td>
<td>Dr. R. S. Pundir</td>
<td>Dr. Dhaval Kathiriya</td>
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<td></td>
<td>Key Note Address by Dr. Brian K Slater</td>
<td>Dr. Dhaval Kathiriya</td>
<td>Ms. Rucha Dave</td>
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<td>Dr. Prity Kumari</td>
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<tr>
<td>Technical Session I</td>
<td>Ohio-Gujarat Remote Sensing for Agriculture Partnership</td>
<td>Dr. Sakthi Subburayalu</td>
<td>Ms. Rucha Dave</td>
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<tr>
<td>14:00 to 15:00 hrs.</td>
<td>Sensor based soil moisture deficit estimation and visualization through android application for agricultural water management</td>
<td>Dr. Prashant K. Srivastava</td>
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<td>Technical Session II</td>
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<td>15:00 to 16:00 hrs.</td>
<td>Application of Neural Networks in Agriculture</td>
<td>Dr. A. K. Verma</td>
<td>Dr. Prity Kumari</td>
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<td>29-10-2020 (Day 2)</td>
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<td>Technical Session III</td>
<td>Image Processing Applications in Agricultural Sciences</td>
<td>Dr. A. K. Verma</td>
<td>Dr. Prity Kumari</td>
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<td>10:00-11:00 hrs.</td>
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<td>Technical Session IV</td>
<td>Plenary Session</td>
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<td>15:00-16:00 hrs.</td>
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<td>16:00-16:30 hrs.</td>
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