



# National Webinar on **Sustainable Agriculture through Natural Resource Management**

to be held on  
**4<sup>th</sup> to 8<sup>th</sup>  
January, 2021**

Organized by  
**Department of Agronomy  
College of Agriculture  
Navsari Agricultural University  
Campus Bharuch – 392012 (Gujarat)**



### Chief Patron

**Dr. Z. P. Patel**

Vice-Chancellor  
Navsari Agricultural  
University, Navsari



### Chief guest

**Dr. Sureshkumar Chaudhari**

Deputy Director General  
(NRM), Krishi Anusandhan  
Bhavan-II, New Delhi



### Patron

**Dr. S. R. Chaudhary**

Director of Research  
Navsari Agricultural  
University, Navsari



### President

**Dr. K. G. Patel**

Dean, Faculty of Agriculture  
College of Agriculture  
NAU, Campus Bharuch



### Convener

**Dr. D. D. Patel**

Professor & Head



### Co-convener

**Dr. T. U. Patel**

Assistant Professor



### Organizing secretary

**Dr. H. H. Patel**

Assistant Professor



### Organizing secretary

**Dr. A. D. Raj**

Associate Professor

### Co-organizing secretary



**Dr. Neeraj Kumar**

Assistant Professor



**Dr. Swapnil Deshmukh**

Assistant Professor



**Dr. Vaishali Surve**

Assistant Professor



**Shri. D. K. Patel**

Agriculture Officer



**Shri. M. L. Patel**

Assistant Professor



**Dr. Manish J. Zinzala**

Research Associate

## Eminent speaker - Day 1

### **Dr. Ajit Singh Nain**

Director Research & NABARD-Chair Professor, GB Pant Uni. of Agriculture & Tech., Pantnagar -263145, Uttarakhand, India

### **Dr. C. R. Chinnamuthu**

Professor and Head cum Director CAFTA & Professor, IFFCO Chair, Department of Agronomy, Tamil Nadu Agricultural University, Coimbatore-641003, India

### **Dr. Punit Mehta**

Assistant Professor (SSAC) College of Agriculture, Anand Agricultural University VASO- 387 380 Dist. Kheda, Gujarat, India

### **Dr. N. Ravishankar**

Programme Facilitator (CU) ICAR- IIFSR, Modipuram (UP), India

### **Dr. Neeraj Kumar**

Assistant Professor(Agrometeorology) Department of Agronomy, College of Agriculture, Navsari Agricultural University, Bharuch - 392012, Gujarat, India

## Eminent speaker - Day 2

### **Dr. Himanshu Pathak**

Director, ICAR- Natural Institute of Abiotic Stress Management, Malegaon, Baramati – 413115, (MH), India

### **Dr. N. K. Sharma**

Principal Scientist (Agronomy) ICAR- Indian Institute of Soil & Water Conservation, Dehradun (UK), India

### **Dr. Sidramappa A. Gaddanakeri**

Professor of Agronomy PI, ICAR- Network project on organic farming, Institute of Organic Farming, UAS, Dharwad (KA), India

### **Dr. Jaimin R. Pandya**

Assistant Professor, Department of Plant Pathology, College of Agriculture, Navsari Agricultural University, Bharuch - 392012, Gujarat, India

### **Dr. H. M. Patel**

Assistant Professor, Department of Soil science, Polytechnic in Horticulture, Navsari Agricultural University, Navsari - 396450, Gujarat, India

## Eminent speaker - Day 3

### **Dr. Y. P. Singh**

Principal Scientist  
ICAR- CSSRI  
Regional Research Station,  
Lucknow (UP), India

### **Dr. R. A. Jat**

Senior scientist  
ICAR-Indian Institute of Soil  
& Water Conservation,  
Research Centre, Vasad,  
Anand, Gujarat, India

### **Dr. N. N. Gudadhe**

Assistant Professor, Department  
of Agronomy, N. M. College of  
Agriculture, Navsari Agricultural  
University, Navsari - 396450,  
Gujarat, India

### **Dr. Anil Dixit**

Principal Scientist  
ICAR-National Institute of  
Biotic Stress Management,  
Raipur, Chhattisgarh, India

### **Dr. T. U. Patel**

Assistant Professor,  
Department of Agronomy,  
College of Agriculture,  
Navsari Agricultural University,  
Bharuch - 392012, Gujarat, India

## Eminent speaker - Day 4

### **Dr. Shekharappa**

Professor of Agricultural  
Entomology, Institute of  
Organic Farming, UAS,  
Dharwad, (KA), India

### **Dr. Lalit Mahatma**

Associate Professor  
Department of Plant  
Pathology, N.M. College  
of Agriculture, NAU,  
Navsari – 396450,  
Gujarat, India

### **Dr. D. M. Jethwa**

Associate Research Scientist  
(Entomology), Bio-Control  
Research laboratory, Junagadh  
Agricultural University,  
Junagadh, Gujarat, India

### **Dr. Brishketu Kumar**

Assistant Professor,  
Department of Animal Science,  
College of Agriculture,  
Navsari Agricultural University,  
Bharuch - 392012, Gujarat, India

### **Dr. H. H. Patel**

Assistant Professor,  
Department of Agronomy,  
College of Agriculture,  
Navsari Agricultural University,  
Bharuch - 392012, Gujarat, India

## Eminent speaker - Day 5



### Mr. Mat Newland

Senior Carbon Systems Agronomist  
Institute-Ferti-Tech, Melbourne,  
Australia

### Inaugural Function, Monday, 04-01-2021 (Time: 10.00-10.30 AM)

Welcome address	<b>Dr. K.G. Patel</b> Dean, Faculty of Agriculture Navari Agricultural University, Navsari
Chief Guest address	<b>Dr. Suresh Kumar Chaudhari,</b> Hon'ble Deputy Director General (Natural Resource Management) Division of Natural Resource Management, Krishi Anusandhan Bhawan-II New Delhi
Chief Patron address	<b>Dr. Z. P. Patel</b> Hon'ble Vice Chancellor, Navari Agricultural University, Navsari
Vote of Thanks	<b>Dr. D. D. Patel,</b> Professor and Head, Department of Agronomy, College of Agriculture, Navsari Agricultural University, Bharuch

### Valedictory Function, Friday, 08-01-2021 (Time: 10.45-11.55 AM)

#### Technical Committee

#### Advisory committee

- Dr. Alok Shrivastava, Associate Professor (Statistics)
- Dr. N. H. Garaniya, Assistant Professor, (SSAC)
- Dr. Priti R. Faldu, Assistant Professor, (Biochemistry)
- Dr. S. M. Bambhaniyya, Assistant Professor, (SSAC)
- Shri. V. T. Parmar, Agriculture officer
- Shri . S. L. Sangani ,Assistant Professor (Horticulture)
- Shri. P. M. Sankhla, Assistant Professor (Horticulture)
- Mr. N. N. Patel , Assistant Professor (PBG)
- Dr. Dinisha Abhishek, Assistant Professor, (PBG)
- Dr. S. G. Patel, Assistant Professor, (Pl. Pathology)
- Dr. R. D. Dhandhukia, Assistant Professor (Extension)
- Dr. S. S. Patil, Assistant Professor (PBG)
- Dr. Deepa Hiremath, Assistant Professor (Economics)
- Dr. Brishketu Kumar, Assistant Professor (Animal Sci.)
- Shri. Dhaval P. Kamani (Agromet-Observer)

- Dr. D. K. Sharma, Professor (Horticulture)
- Dr. J. J. Patel, Associate Professor (Entomology)
- Dr. H. U. Vyas, Associate Professor (Extension)
- Dr. K. H. Patel, Associate Professor (SSAC)
- Dr. D. M. Pathak, Associate Professor (Pl. Pathology)
- Dr. S. R. Patel, Associate Professor (PBG)
- Dr. H. N. Patel , Associate Professor (PBG)
- Dr. K. N. Chaudhary, Associate Professor (PBG)
- Dr. D. R. Patel, Associate Professor (Entomology)
- Dr. M. R. Bhatt, Associate Professor (Extension)
- Dr. J. R. Pandya, Assistant Professor (Pl. Pathology)
- Dr. R R. Waghunde, Assistant Professor (Pl. Pathology)
- Shri. R. B. Patel, ARS (Entomology)
- Shri. R. R. Patel, ARS (Plant pathology)

#### IT Committee

#### Publicity Committee

- Mr. Akash Machhi, Computer operator
- Miss. Urvashi Gohil, Computer programmer
- Miiss Bhavini Rana

- Mr. Sunil Parmar, Agri. Assistant
- Miss. Rekha Patel, Lab technician
- Miss. Archana Mali, Agri. Assistant

## Introduction

One of the greatest development challenges facing the world in the 21<sup>st</sup> century is meeting the rising demand for food while maintaining the sustainability of the natural resource base. Increases per capita income, population growth and urbanisation are expected to double global food demand in the next 40–50 years. Natural resource management (NRM) aims for the efficient and sustainable utilisation of renewable and non-renewable natural resources. NRM in agriculture refers to human administration and sustainable utilisation of biophysical resources for the production of food, feed, fibre and fuel. Well-managed natural resources generate flows of benefits that provide the basis for maintaining and improving livelihoods, improve the quality of life, and contribute to sustainable growth.

However, the combined effects of population growth, higher levels of economic activity per capita, and mismanagement are putting pressure on the natural resource base. There is abundant evidence of natural resources degradation worldwide. Degradation of natural resources has real economic, social, and human costs with substantial impacts on national economies. It also directly threatens the long-term growth of agricultural productivity, food security and better livelihood. Hence, effort has been made to enlighten good management practices to help reduce agriculture's pressure on natural resources and build more efficient and resilient production systems.

## Who can participate

Students, Faculties, Scientist, Govt. officers, Non Govt. officers, Extension personnel, or any individual who is working and/or is interested in the field of agriculture.

## Certificate

The participant who will attend all the lectures and submit feedback form then he/she should receive the certificate after completion of the webinar .

## Registration link

<https://docs.google.com/forms/d/e/1FAIpQLSf4I8hDaD442445LDbTNYgAMdD90gr25bjjU2Pfr2RpfpgJig/viewform?vc=0&c=0&w=1&flr=0&gxids=7628>

## Registration closing date

Registration is closed on 1<sup>st</sup> , January, 2021.

## How to Join Webinar

Zoom meeting link and YouTube link will be sent on registered email address

