



# World Food Day

16 October 2024

Two - Day National Seminar on

## Innovative Strategies for Global Nutrition Security: Focus on Fortification

16-17 October 2024

College of Agriculture, Vellayani

---

# PROGRAMME

---

Organised by  
Technical Support Unit for Rice Fortification, Kerala  
United Nations World Food Programme  
Regional Agricultural Research Station ( SZ ), Vellayani



Department of Community Science  
College of Agriculture, Vellayani,  
KERALA AGRICULTURAL UNIVERSITY



Kerala State Horticulture Mission

DAY 1  
16 OCTOBER, 2024

## REGISTRATION AND WELCOME DESK

Time: 9.00 AM - 10.00 AM

### LEAD SPEAKERS SESSION

10.00 AM - 2.00 PM

Venue : **First Floor - Smart Class Room**

Welcome : **Dr. Beela G. K.**  
Professor & Head  
Dept. of Community Science  
College of Agriculture, Vellayani

Presidential Address : **Prof. Dr. Anith K. N.**  
Associate Director of Research  
Regional Agricultural Research Station  
Southern Zone, Vellayani

---

### SESSION I

Introduction of the  
Lead Speaker : **Dr. Esakkimuthu M.**  
Assistant Professor  
Department of Agrl. Extension Education  
College of Agriculture, Vellayani

Topic : ***"What, why, where and how of  
Fortified rice"***

Speaker : **Dr. Shariqua Younus**  
Head of Unit, Nutrition and School  
Feeding, United Nations World Food  
Programme

Interactive Q&A Session

Closing Remarks : **Dr. Geetha Lekshmi P. R.**  
Assistant Professor & Head  
Dept. of Post Harvest Management  
College of Agriculture, Vellayani

---

### TEA & NETWORKING SESSION

11.00 AM – 11.30 AM

## SESSION II

Introduction of the Lead Speaker

Presenter : **Dr. Vikram Simha**  
Assistant Professor  
Department of Agrl. Engineering  
College of Agriculture, Ambalavayal

Lead Speaker Presentation

Topic : **"Analysing fortificants in foods:  
challenges that require attention"**

Speaker : **Dr. P. Giridhar**  
Chief Scientist & Director  
Referral Food Laboratory-FSSAI  
CSIR - Central Food Technological  
Research Institute, Mysuru

Interactive Q&A Session

Closing Remarks : **Dr. N. V. Radhkrishnan**  
Professor & Head  
Department of Plant Pathology  
College of Agriculture, Vellayani

---

## SESSION III

Introduction of the  
Lead Speaker

: **Dr. Naveen Leno**  
Assistant Professor  
Department of Soil Science &  
Agricultural Chemistry  
College of Agriculture, Vellayani

Lead Speaker Presentation

Topic : **"Rice Fortification - Recent  
Innovations and Research"**

Speaker : **Dr. Jathindra K. Sahu**  
Professor, Centre for Rural  
Development and Technology  
Indian Institute of Technology, Delhi

Interactive Q&A Session

Closing Remarks : **Dr. Sudha B.**  
Assistant Professor  
Department of Agronomy  
College of Agriculture, Vellayani

---

**LUNCH BREAK**  
1.00PM – 2.00 PM

## LEAD SPEAKER SESSION

2.00 PM – 2.30 PM

Venue : **First Floor - Smart Class Room**

### SESSION IV

Introduction of the Lead

Speaker : **Dr. Reshmi R.**  
Assistant Professor  
Dept. of Community Science  
College of Agriculture, Vellayani

Lead Speaker Presentation

Topic : **"Rice fortification in the context of Kerala"**

Speaker : **Dr. Prashanth Thankachan**  
Nutrition Physiologist, St. John's National  
Academy of Health Science, Bengaluru

Interactive Q&A Session

Closing Remarks : **Dr. Suma Divakar**  
Professor  
Dept. of Community Science  
College of Agriculture, Vellayani

---

### VIDEO PRESENTATION

2.30 PM – 3.00 PM

Venue : **First Floor - Smart Class Room**

Introduction to the

Theme : **Dr. Geetha Radhakrishnan**  
Assistant Professor  
Regional Agricultural Research Station (SZ)  
Vellayani

Presentations : **Shri. Ramakrishna**  
Research Scholar  
Division of Food Science and Post Harvest Technology  
Indian Council of Agricultural Research -  
Indian Agriculture Research Institute  
New Delhi

**Shri. Harshrav Shukla**

Managing Director  
SVHG Agri Solutions LLP, Hyderabad, Telengana

Closing Remarks : **Dr. Chinchu V. S.**  
Assistant Professor  
Training Service Scheme  
College of Agriculture, Vellayani

---

## INAUGURAL SESSION

3.00 PM – 4.00 PM

Venue : **First Floor - Smart Class Room**

Welcome Address : **Dr. Anith K. N.**  
Associate Director of Research, RARS(SZ), Vellayani

Theme Address : **Dr. Roy Stephen**  
Dean of Faculty (Agriculture)  
College of Agriculture, Vellayani

Presidential Address : **Dr. B. Ashok IAS**  
Hon'ble Vice Chancellor, Kerala Agricultural University

Inaugural Address : **Shri. P. Prasad**  
Hon'ble Minister for Agriculture, Government of Kerala

Keynote Address : **Dr. Nozomi Hashimoto**  
United Nations World Food Programme,  
Deputy Country Director, India

*Release of Seminar Proceedings*

Special Address : **Shri. Thomas Manuel**  
Mission Director, State Horticultural Mission, Kerala

**Dr. Madhu Subramanian**  
Director of Research, Kerala Agricultural University

**Dr. Jacob John**  
Director of Extension, Kerala Agricultural University

Felicitations : **Dr. Faizal M. H.**  
Professor (Research Coordination)  
Kerala Agricultural University

**Dr. Thomas George**  
Professor & PI, AINP on Pesticide Residues, PRRAL &  
General Council Member, Kerala Agricultural University

**Dr. Rafeekher M.**  
Assistant Professor & Academic Council Member  
Kerala Agricultural University

**Dr. Sreedaya G. S.**  
Associate Professor and Head  
Training Service Scheme Vellayani & ADE(SZ)

Vote of thanks : **Dr. Beela G. K.**  
Professor & Head, Department of Community Science  
College of Agriculture, Vellayani

---

## TEA & NETWORKING SESSION

4.00 PM - 4.30 PM

EXPOSURE VISIT : 4.30 PM - 6.30 PM

END OF DAY 1

## DAY 2

# 17 OCTOBER, 2024

### TECHNICAL SESSION - I

9.00 AM - 11.00 AM

Venue : **First Floor - Smart Class Room (SESSION 1)**  
Theme : **Technological Innovations and Methodologies in Food Fortification**

Introduction to the theme :

Chair : **Dr. Faizal M. H.**  
Professor (Research Coordination)  
Kerala Agricultural University

**Oral Presentations :**

#### **Dr. Bhosale Yuvraj**

Innovation Hub on Rice Fortification, Agricultural and Food Engineering Department,  
Indian Institute of Technology - Kharagpur, West Bengal

#### **Dr. Siddharth Vishwakarma**

Innovation Hub on Rice Fortification, Agricultural and Food Engineering Department,  
Indian Institute of Technology, Kharagpur, West Bengal

#### **Dr. Sheeja K. Raj**

Department of Organic Agriculture, College of Agriculture, Vellayani  
Thiruvananthapuram, Kerala

#### **Ms. Nongmaithem Babita Devi**

Department of Food Science and Nutrition, Avinashilingam Institute for Home Science  
and Higher Education for Women, Coimbatore, Tamil Nadu

#### **Ms. Shivnam Rana**

Department of Microbiology, College of Basic Sciences and Humanities  
College of Agriculture, Punjab Agricultural University, Ludhiana, Punjab

#### **Ms. M. Ramyasivaselvi**

Department of Food Science and Nutrition, Avinashilingam Institute for Home Science  
and Higher Education for Women, Coimbatore, Tamil Nadu

#### **Ms. Kiruthiga V.**

Research Scholar, School of Sciences, Department of Home Science, The Gandhigram  
Rural Institute - (Deemed to be University), Gandhigram, Dindigul, Tamil Nadu

Closing Remarks

Co Chair : **Dr. Devaraja H. C.**  
Senior Scientist  
Dept. of Dairy Technology, Southern Regional Station  
ICAR- National Dairy Research Institute, Bengaluru

### TECHNICAL SESSION - II

9.00 AM - 11.00 AM

Venue : **Seminar Hall - Social Science Block (SESSION 2)**  
Theme : **Nutritional Impact and Health Outcomes of Fortification**

Introduction to the theme:

Chair : **Dr. P. Hariprasad**  
Professor  
Dept. of Pediatrics  
Govt. Medical College, Thiruvananthapuram, Kerala

**Oral Presentations :**

**Dr. Kavitha Raj K. N.**

Lecturer in Home Science, KILA Centre for Good Governance, Thrissur, Kerala

**Dr. Anila H. L.**

Assistant Professor, Department of Home Science, BCM College, Kottayam, Kerala

**Dr. Soumya P.S.**

Assistant Professor, Dept. of Clinical Nutrition & Dietetics  
St. Teresa's College, Ernakulam, Kerala

**Ms. Shamsiya A. H.**

Assistant Professor (Community Science), Krishi Vigyan Kendra, Kollam, Kerala Agricultural University, Kerala

**Dr. Balasasirekha R.**

Assistant Professor, Department of Food Science and Nutrition, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu

**Ms. Neha Vijayagopal O. R.**

Department of Home Science, St. Joseph's College for Women, Alappuzha, Kerala

**Ms. Swathi B. S.**

Department of Post Harvest Management, College of Agriculture, Vellayani Thiruvananthapuram, Kerala

Closing Remarks :

Co Chair : **Dr. Reshma M.**

Sr. Principal Scientist, Agro-processing & Technology Division  
CSIR - National Institute for Interdisciplinary Science and  
Technology (NIIST), Thiruvananthapuram, Kerala

---

**TEA & NETWORKING**

11.00 AM – 11.30 AM

**VISIT TO EXHIBITIONS AND POSTER PRESENTATION**

**TECHNICAL SESSION III**

11.30 AM - 12.00 PM

Venue : **First Floor - Smart Class Room (SESSION 3)**

Theme : **Policy Frameworks and Implementation Challenges in Fortification**

Introduction to the theme :

Chair : **Dr. Anil A. Kuruvila**

Professor & Head,  
Dept. of Agricultural Economics, College of Agriculture, Vellayani

**Oral Presentations :**

**Dr. Manish Kumar**

Centre for Rural Development and Technology, Indian Institute of Technology Delhi,  
New Delhi, Delhi, India

**Dr. Abhina B.**

Assistant Professor, Dept of Clinical Nutrition and Dietetics, St. Teresa's College,  
Ernakulam, Kerala

Interactive Q&A Session

Closing Remarks

Co Chair : **Dr. Suma Divakar**

Professor, Department of Community Science  
College of Agriculture, Vellayani

## TECHNICAL SESSION - IV

12.00 PM - 1.00 PM

Venue : **First Floor - Smart Class Room (SESSION 4)**  
 Theme : **Innovations of Value Addition in Food**

Introduction to the theme :

Chair : **Dr. Kalpana C. A.**  
 Professor & Deputy Dean, Avinashlingam  
 Institute of Home Science, Coimbatore  
 Tamil Nadu

**Oral Presentations :**

### **Shri. Vittal Kamble**

Indian Council of Agriculture Research – Indian Institute of Horticultural Research, Bengaluru, Karnataka

### **Ms. Rosmia P.**

Research Scholar, Department of Community Science, College of Agriculture, Kerala Agricultural University, Thiruvananthapuram, Kerala

### **Ms. Surya N. A.**

PG Scholar, Dept. of Plantation, Spices, Medicinal and Aromatic Crops, College of Agriculture, Vellayani, Thiruvananthapuram, Kerala

### **Ms. Anjitha Das.**

PG Scholar, Department of Soil Science and Agricultural Chemistry  
 College of Agriculture, Vellayani, Thiruvananthapuram, Kerala

### **Ms. Shruthi P.**

Research Scholar, Department of Community Science  
 College of Agriculture, Vellayani, Thiruvananthapuram, Kerala

Interactive Q&A Session

Closing Remarks

Co Chair : **Dr. Geetha Lekshmi P. R.**  
 Assistance Professor & Head  
 Department of Post Harvest Management  
 College of Agriculture, Vellayani

## LUNCH BREAK

1.00 PM - 2.00 PM

## PLENARY SESSION

2.00 PM - 3.20 PM

Venue : **First Floor - Smart Class Room**

Introduction of the

Speaker : **Dr. Pratheesh. P. Gopinath**  
 Assistant Prof. & Head  
 Department of Agrl. Statistics  
 College of Agriculture, Vellayani

Topic : ***“Rice Fortification : Issues, Challenges and Possible solutions.”***

Speaker : **Dr. H.N Mishra**  
 Emeritus Professor of Food Technology &  
 Director, Agri Business incubation Foundation  
 Indian Institute of Technology, Kharagpur,  
 West Bengal



Interactive Q&A Session

Closing Remarks : **Dr. Archana R. Sathyan**  
Assistant Professor  
Department of Agril. Extension Education  
College of Agriculture, Vellayani

Introduction of the

Speaker : **Dr. Sreekala G. S.**  
Assistant Professor  
Department of Plantation, Spices, Medicinal and  
Aromatic Crops, College of Agriculture, Vellayani

Topic : ***“Challenges In Food Fortification”***

Speaker : **Dr. B. Sesikeran**  
Former Director  
Indian Council of Medical Research  
National Institute of Nutrition  
Hyderabad, Telengana

Interactive Q&A Session

Closing Remarks : **Dr. Beena R.**  
Assistant Professor  
Department of Plant Physiology  
College of Agriculture, Vellayani

---

## VALEDICTORY SESSION

3.20 PM – 4.00 PM

Venue : **First Floor - Smart Class Room**

Welcome Address : **Dr. Anith K. N.**  
Associate Director of Research (RARS)  
Southern Zone, Vellayani

Recap of the Seminar: **Dr. Beela G. K.**  
Professor & Head  
Department of Community Science  
College of Agriculture, Vellayani

Valedictory speech : **Dr. Roy Stephen**  
Dean of Faculty (Agriculture)  
College of Agriculture, Vellayani

Presentation of Awards and Certificates

Participant

Feedback Session :

Felicitation : **Dr. Faizal M. H.**  
Professor (Research Coordination)  
Kerala Agricultural University

Vote of Thanks : **Dr. Suma Divakar**  
Professor  
Department of Community Science  
College of Agriculture, Vellayani

---

## TEA & NETWORKING SESSION

4.00 PM – 4.30 PM

An opportunity for participants to connect,  
discuss ideas and network.



## CONTACT

Department of Community Science  
College of Agriculture, Vellayani, Thiruvananthapuram

Organising Secretary

**Dr. Beela G. K.** - [beela.gk@kau.in](mailto:beela.gk@kau.in)

Convenors

**Dr. Reshmi R.** - [reshmi.r@kau.in](mailto:reshmi.r@kau.in)

**Dr. Esakkimuthu M.** - [esakkimuthu.m@kau.in](mailto:esakkimuthu.m@kau.in)

**Dr. Vikram Simha** - [vikramsimha.hv@gmail.com](mailto:vikramsimha.hv@gmail.com)

## HELP DESK

**Mr. Sathishkumar S** ☎ 7010 743 635

**Mr. Vigneshkumar M** ☎ 9080 108 834