
	<p style="text-align: center;">PLANT PHYSIOLOGY ONLINE TRAINING PROGRAMME</p> <p style="text-align: center;">On</p>	
<p style="text-align: center;">“Biofortification – A Frontier Novel Approach to Enrich Micronutrients in Millets to Encounter Food and Nutritional Security in India”</p> <p style="text-align: center;">Duration (3 days): 5th TO 7th August-2025</p> <p>Course Coordinators/Course Directors: Dr.D.Seva Nayak, Senior Scientist (Plant Physiology) ICAR-IIMR-Hyderabad Mobile: 9454532027 Email: sevanayak@millets.res.in</p> <hr/> <p>Dr. Kethavath Naresh, (Agricultural. Extension) Academic Associate, MANAGE, Hyderabad. Mob: 8185812541, 7842912541 Fax: 040-24015388 Email: naresh.kethavath@manage.gov.in</p> <hr/> <p>Course Co-Coordiators/ Co-Course Directors: Dr. Hariprasanna, K. Principal Scientist, ICAR-IIMR-Hyderabad, Telangana State , India Dr. P. Sanjana Reddy, Principal Scientist, ICAR-IIMR-Hyderabad, Telangana State , India Dr. R. Venkateswarlu, Senior Scientist, ICAR-IIMR-Hyderabad, Telangana State, India Dr. N.Anuradha, Senior Scientist, ICAR-IIMR-Hyderabad, Telangana State, India Dr. A.Srinivas, Senior Scientist, ICAR-IIMR-Hyderabad, Telangana State, India Dr.S.Srividhya Scientist (SS), ICAR-IIMR-Hyderabad, Telangana State, India Dr. M.V. Malathi Scientist (SS), ICAR-IIMR-Hyderabad, Telangana State, India</p> <p>Dear Sir/Madam,</p> <p>Greetings from ICAR-Indian Institute of Millets Research (IIMR) -Hyderabad is organizing an Online Collaborative Training Programme with National Institute of Agricultural Extension Management (MANAGE) on “Biofortification-A Frontier Novel Approach to Enrich Micronutrients in Millets to Encounter Food and Nutritional Security in India” is scheduled during 05-07 August, 2025.</p>		

In view of this, interested officials may join the Collaborative Training Programme. Those who are interested are requested to register for the above training programme on or before (last date) **04th August, 2025 by using the below link:**

<https://iecho.org/public/program/PRGM17519570061871VAU2ZLF87>

Also please join the WhatsApp link created for this Collaborative Training Program, for easy communication.

WhatsApp group link:

https://chat.whatsapp.com/IM0XsWwNs4MJ7xw58qEk6K?mode=ac_c

Program link (Webex) will be shared in this WhatsApp group in due course.

E-certificate will be issued to all the participants who attend all the sessions.

E-book of the all the sessions will also be shared after the training program completion.

Looking forward to see you all on 05th August, 2025 for an enlightening knowledge rich collaborative training program.

LECTURE SCHEDULED FROM 5th TO 7th August-2025

Date and time	Topic	Resource person/responsible
1st Day (05-08-2025, Tuesday)		
05-08-2025 10.00 to 10.15am	Welcome to participants	Dr. D.Seva Nayak,(Plant Physiology) Senior Scientist, Course Director ICAR-IIMR-Hyderabad and all Co- Course Directors from ICAR-IIMR, Hyderabad. Dr. Kethavath Naresh, (Agri.Extension) Academic Associate, Course Director, MANAGE, Hyderabad.
10.15 to 10.30 am	Self-introduction by Participants	Online participants
10.30 to 11 am	Inauguration of training programme	Dr. (Mrs.) C. Tara Satyavathi Director, ICAR-IIMR-Hyderabad
11.00 to 11.15am	Vote of thanks	Dr. R. Venkateswarlu, Sr. Scientist, ICAR-IIMR-Hyderabad
11.15 to 12.15pm	Overview of millets and biofortification in pearl millet	Dr. (Mrs.) C. Tara Satyavathi Director, ICAR-IIMR-Hyderabad
Lunch break		
05-08-2025 2.30 to 3.30 pm	Biofortification and Prospects in Millets	Dr. Hariprasanna, K. (Plant Breeding), Principal Scientist, ICAR-IIMR-Hyderabad
3.30 to 4.30pm	Overview of Biofortified Crops and Their Role in Enhancing Nutrition	Dr. Kethavath Naresh, (Agri.Extension) Academic Associate, MANAGE, Hyderabad
4.30 to 5.30pm	Different Biofortification strategies for enhancing crop nutritional value: Overview	Dr. D.Seva Nayak, (Plant Physiology) Senior Scientist, ICAR-IIMR-Hyderabad
2nd Day (06-08-2025, Wednesday)		

06-08-2025 10.30 to 11.30am	Breeding for Better Nutrition: Case Study of Biofortification in Pearl Millet	Dr. P. Sanjana Reddy, (Plant Breeding), Principal Scientist, ICAR-IIMR-Hyderabad
11.30 to 12.30pm	Physiological Approaches for Biofortification : Millets and Crop Plants	Dr. D.Seva Nayak, (Plant Physiology) Senior Scientist, ICAR-IIMR-Hyderabad
12.30 to 1.30pm	Agronomic Strategies to Increase micro nutrients Concentrations of Edible Crops	Dr. B. Ganaiah, (Agronomy), Principal Scientist, ICAR-IIMR-Hyderabad
Lunch break		
06-08-2025 2.30 to 3.30pm	Fortifying millets: The role of nutrients and PGPRs	Dr.S. Srividhya, (Plant Physiology) Scientist (SS), ICAR-IIMR-Hyderabad
3.30 to 4.30pm	Nutritional relevance of millets in Indian Diets	Dr. Malathi, VM, (Plant Biochemistry), Scientist (SS), ICAR-IIMR-Hyderabad
4.30 to 5.30pm	Biofortification through Biochemical Approaches in Millets and Crop Plants	Dr. Venkateswaru R, (Biochemistry), Senior Scientist, ICAR-IIMR-Hyderabad / Dr. D.Seva Nayak, Senior Scientist/ ICAR- IIMR-Hyderabad
3rd Day (07-08-2025 Thursday)		
07-08-2025 10.30 to 11.30 am	Genome Editing for Crop Biofortification	Dr. Satendra Kumar Mangruthia, (Biochemistry and Biotechnology) Senior Scientist, ICAR-IIRR, Hyderabad
11.30 to 12.30pm	Millets Processing and Value Addition Technologies, Value Chain Development, and Business Opportunities for Empowering Farmers	Dr.A. Srinivas, (Agricultural Extension) Senior Scientist, ICAR-IIMR-Hyderabad
12.30 to 1.30pm	Millets Production and Economic Trends: A Global and National Perspective	Dr. N.Anuradha, (Agricultural Economics) Senior Scientist, ICAR-IIMR-Hyderabad
Lunch break		
2.30 to 3.30pm	Biofortification through Transgenic Approaches: Phytosiderophore pathway	Dr.D Seva Nayak, Senior Scientist, ICAR- IIMR-Hyderabad/ Dr.J. Jinu, Senior Scientist ICAR-IIMR-Hyderabad
3.30 to 4.45pm	Feed back	Dr. D.Seva Nayak, Senior Scientist, Course Director ICAR-IIMR- Hyderabad and all Co- Course Directors from ICAR-IIMR, Hyderabad Dr. Dr. Kethavath Naresh, Academic Associate, Course Director, MANAGE, Hyderabad
4.45 to 5.15pm	Valedictory function	Dr. (Mrs) C. Tara Satyavathi Director
4.30 to 4.15pm	Vote of thanks	Dr. Venkateswaru R, Senior Scientist, ICAR-IIMR-Hyderabad