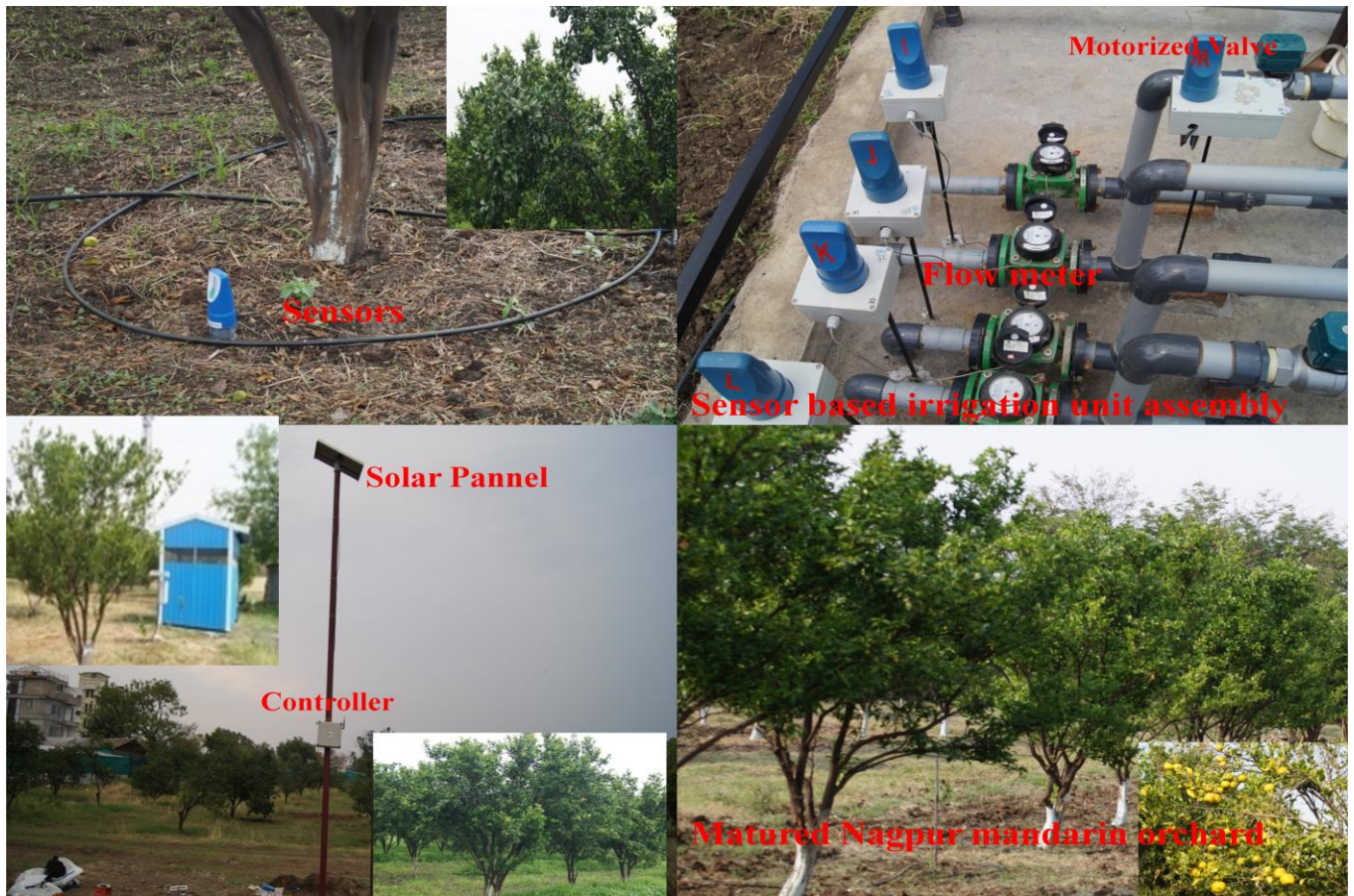




ICAR-Central Citrus Research Institute,
Amravati Road, Nagpur-440 033
Website: <https://ccri.icar.gov.in>



**One day training on
IoT Based Micro-Irrigation System for Nagpur Mandarin
March 21st, 2024**



ABOUT

Project entitled “Development of Sensor Based Fertigation Scheduling to Enhancing the Water Productivity and Nutritional Density of Nagpur mandarin (*Citrus Reticulata Blanco*)” is being implemented at ICAR-Central Citrus Research Institute, Nagpur under Sponsorship of Science and Engineering Research Board of Department of Science and Technology (DST-SERB), Government of India, New Delhi, since 2022. The objective of this

DST-SERB project is to develop and adaption of the IoT based Micro- Irrigation System and mobile application for Nagpur mandarin and advancing agricultural practices through IoT based and precision technology. With these view, one day training programme on “**IoT Based Micro-Irrigation System for Nagpur Mandarin**” is being organised by ICAR-Central Citrus Research Institute, Nagpur on March, 21st, 2024.

AIM

The training programme aims to develop an overall understanding of IoT based Micro-Irrigation system for Nagpur mandarin by sharing knowledge and skills with the stakeholders under citrus domain. Basics of IoT in irrigation and fertigation, controllers, sensors, software’s and accessories required for precise irrigation and water management using digital platform will be covered.

CONTENTS

• Concept of IoT based MI scheduling based on Nagpur Mandarin water requirement.	• Scope of IoT based MI system for doubling the framer income in water scares area	• Solar panel
• Climatological approach for micro-irrigation scheduling for Nagpur Mandarin	• Controllers	• Router
• Digital Farming in Irrigation and Fertilizer	• Sensors	• Software
• Water meter	• Gateway	• PRV
• Motorised valve	• Dosing mechanism	• Accessories etc.

REGISTRATION

Faculties, Scientists, SMS, Farmers and Students are eligible to register and requested to take advantage of training course. Interested candidates can submit registration form to the Email: dtmeshram8@gmail.com on or before 14th March, 2024 upto 17.00 hrs. After preliminary screening, a total of 50 trainees will be selected for the training program. There will be no registration fees for participating in the training. No TA/DA will be provided to the trainees.

Patron

Dr.Dilip Ghosh
Director, ICAR-CCRI, Nagpur

Organizer

Dr. D. T. Meshram
Principal Scientist (L&WME) and PI of Project, ICAR-CCRI, Nagpur

Resource Persons

Dr.D.T.Meshram, Principal Scientist (L&WME) and PI of Project, ICAR-CCRI, Nagpur
Dr.A.R.Pimple, Associate Professor, Dr.PDKV, Akola



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Science and Engineering Research Board (SERB)
Department of Science and Technology (DST)
Govt. of India

REGISTRATION FORM

Address/Affiliation	Dr.	Mr	Ms
Name	:		
Designation/Position	:		
Department/Division/Section	:		
Institute/Organization	:		
Street/Building/P.O	:		
Town/City/State	:		
Postal Code	:		Country:
Telephone/Mobile	:		Email:

Return this form before March 14th, 2024 to:

Dr.D.T.Meshram

Training Organizer

Contact No:0712-2500813

7507192606; 7057519660

Email: dtmeshram8@gmail.com