

# Debasish Mahalik

Scientist-B / Assistant Director, Food and Agriculture Department, Bureau of Indian Standards

I am a skilled Standards professional working on food and agriculture Technology with a proficiency of Rural management and Business Acumen. I am driven by my inclination towards a responsible & sustainable future.



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## WORK EXPERIENCE

### Scientist-B, Certification Officer

Jamshedpur Branch Office, Bureau of Indian Standards

09/2020 - 03/2022

Jamshedpur, India

#### Achievements/Tasks

- Have been designated Dealing Officer (DO), Authorized officer for the BIS Certification schemes and Indian Standards pertaining to Food and Agriculture Department.
- Have been assigned as Certification officer to carry out inspections for implementation of BIS certification schemes for Indian standards pertaining to various technical departments.
- Successfully completed the Training for Hallmarking auditor organized by Bureau of Indian Standard.

### Scientist-B / Assistant Director, FAD

Food and Agriculture Department, Bureau of Indian Standards

03/2022 - Present

New Delhi

#### Achievements/Tasks

- Have been assigned as Member secretary for Technical committees FAD 11, FAD 17, FAD 20 till November 2022. These Technical committees deals with the Indian Standards pertaining to Agricultural Machinery and Equipment, Farm irrigation and Drainage systems, Agriculture and Food processing.
- Currently managing technical committees FAD 03 ' Apiary Industry Sectional Committee', FAD 18 ' Slaughterhouse and Meat Industry' and FAD 22 ' Agricultural Systems and Management.
- Facilitating development of national Standards on **Natural farming, Hydroponics, vertical farming, artificial lighting for protected cultivation** and other aspects of **precision agriculture**.
- Representing India at ISO for concerned national Mirror committees ISO/TC 34/SC 6 and ISO/TC 34/SC 19.
- Facilitated Indian representation in **ISO Strategic Advisory group on SMART Farming** as in capacity of Document Monitor.
- Facilitated Indian representation at **Indo-German Working group on Quality infrastructure** with respect to smart farming.
- Undergone study tour as a part of **Indian Delegation to EU, CEN-CENELEC and AFNOR** for understanding standardisation and conformity assessment ecosystem of EU countries.

## EDUCATION

Post Graduate Diploma in Rural Management  
Institute of Rural Management Anand

07/2018 - 04/2020

3.038/4.333, Top 10 percentile of the Batch

Bachelor in Technology in Food Science and Technology

College of Agriculture, Hassan, University of Agricultural Sciences, Bangalore

07/2014 - 05/2018

8.65/10, Top 5 percentile of the Batch

## CERTIFICATIONS

ISO 22000 Lead Auditor

Introduction to Human rights and the Environment (UNITAR)

Food for Profit (Penn State University)

## PROJECTS AND INITIATIVES

Action Research project AR/261 : Monocrotophos SI (2020 - 2021)

- Conducted extensive secondary research and primary reasearch using ZMET technique, FGD technique and semi-structured interview to bring out necessary conclusion regarding revision of the standard.

Action Research project ARP/612 : Code for Farm Drainage Tile and Pipe System (2021 - 2022)

- Conducted thorough interviews and literature surveys to align the standard with current technological advancements and researches. Also, brought out the view point of farming community to maker the standard more implementable.

A study on SHG structuring and impact of MYRADA interventions (10/2018 - 11/2018)

- Undertook case studies to analyze impact of interventions by MYRADA (Mysore Resettlement and Development Agency)

Market Research initiative for Bamboo Toothbrush for Bamboo India (12/2018 - 02/2019)

- Analyzed the current consumer base of bamboo toothbrush to analyze the buying behavior. Also, conducted analysis on the existing promotional strategy. To understand the point of difference (POD), conducted the competitor analysis.

PARARTH : A sustainable Tribal Tourism Model (06/2018 - Present)

- Understanding the tribal eco-system in order to provide sustainable livelihood opportunities in order to provide sustainable livelihood opportunities through an inter and intra cooperative tourism model.

## ACHIEVEMENTS

National Talent Scholarship by ICAR (2014-2018)

Winner of IDEA Connect by IIM Kashipur (2019)

Got a brief case titled 'The revolution of Livelihood cycle : A case of Dry-land farmer' accepted for publication in Mission Grameen Gyan initiative by MGNCRE, MoHRD

Contributed to publication of a brief case titled 'Journey of BIS Labs from Self reliant to PP : A case study' in BIS.

Published Poem "The social Bride' in NMIMS : March Edition of News Letter,(Volume 8, Issue 3, PRAYATNA)

## LANGUAGES

English  
Full Professional Proficiency

Odia  
Native or Bilingual Proficiency

Hindi  
Full Professional Proficiency

Kannada  
Limited Working Proficiency