

# Skill Development Program workshop on Food Safety and Quality Assessment

## About the Course

Demonstration on isolation of microorganisms from contaminated food and feed matrices. Phenotypic, and molecular identification of bacteria, fungi, and yeast. Genomic DNA isolation, 16s/18s rRNA gene, polymerase chain reactions (PCR), and phylogenetic tree based identifications.

This course also covers principles and basics of chromatography, high-pressure liquid chromatography (HPLC) instrumentation, method development. In addition to theoretical aspects, demonstration of quantitative assessment of mycotoxins, antibiotics and pesticide adulteration of food/ feed samples to ensure the food quality.

**Course content:** Introduction to food regulations, General safety guidelines, preparation of SOPs, Demonstration of important analytical tests and basic trouble shooting.

**Course Instructors:** Dr. V. Koteswara Rao and team

## Eligibility:

Bachelors completed/Masters or higher degree (completed/pursuing) in any Science subject or equivalent

Duration: One Day

Number of Participants: 10

Course Fees for different categories :

- Student: Rs.500 + 18%GST
- Faculty: Rs.500 + 18%GST
- Industry Participants: Rs.1000 + 18%GST

## How to Apply

Application form is available at <http://www.ncl-india.org/files/SDP/Default.aspx>

## Mailing Address

Coordinator, CSIR-NCL Skill Development Program, CMC Division, CSIR-National Chemical Laboratory, Dr. Homi Bhabha Road, Pune-411008, India.  
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Accommodation: Participants has to make their own arrangements.