

# Non-contact Thermometry

## Course Objectives

The objective of this course is to teach the basic principle of infrared thermometers, the physics behind its operation, method of calibration and traceability.

## Course Content

The course consists of four chapters with the following:

- Basic theory of Radiometric temperature measurement
- Types of radiation thermometers and operating principles
- Radiation thermometry calibration and uncertainty
- Application of Radiation thermometers

## Course Date

19 – 23 August 2024

## Duration

5 days

## Cost

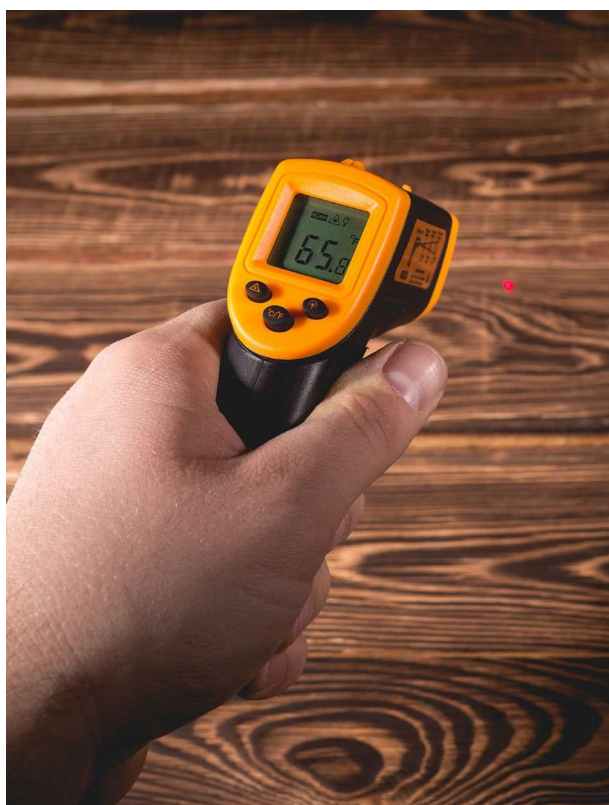
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## Who should attend?

The course is aimed at non-contact thermometry and radiometry metrologists, optical researchers and University students.

## Course Information

NMISA courses are developed and narrated by experts in the field. The theoretical courses are presented in person and a practical training supplements the course. Once the student completed the theoretical and practical session the knowledge and experience obtained will be tested via exam. On successful completion of the examination a certificate of achievement is issued.



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