



05 MAY 2026
TO
03 JUNE 2026

ICAR-IISR

Summer Internship Programme 2026

Advanced techniques in Microbiology, Biochemistry, Biotechnology and Bioinformatics

Overview

ICAR-Indian Institute of Spices Research, Kozhikode offers a Summer Internship Program on “Advanced Techniques in Microbiology, Biochemistry, Biotechnology and Bioinformatics” from 05 May to 03 June 2026, providing hands-on training and practical exposure through expert lectures and laboratory sessions to enhance students’ scientific skills and research knowledge.

Eligibility

Undergraduates/Postgraduates/Post M.Sc./Ph.D. students (currently enrolled or completed) in any stream of Life Sciences.

Course content

The course includes orientation lectures to build foundational knowledge. It also provides hands-on training in various laboratory techniques.

Laboratory approaches

- DNA/RNA isolation, PCR/qRT-PCR & electrophoresis
- Tissue culture & plant extract analysis
- HPLC, GC-MS, LC-MS/MS techniques
- Stress screening & plant disease studies

in silico approaches

- Bioinformatics & R, Linux basics
- NGS data analysis & comparative genomics
- PCR primer design & machine learning basics
- Data visualization techniques

How to apply

- Interested candidates should register via the Google Form: <https://forms.gle/ro1a3DxZvs95baQE6>
- Selected candidates will be informed by email.
- Registration fee is ₹11,800 (incl. 18% GST).
- Food and accommodation are not included and must be arranged by the candidate.

IMPORTANT DATES

Online registration ends on: 17 April 2026

Intimation to selected candidates on: 21 April 2026.

Last date for registration fee payment: 28 April 2026

CONTACT US

☎ 0495-2731410 (Ext 330/208/413/207)

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🌐 <http://spices.res.in>

QR Code for payment



Coordinators: Dr. Balaji Rajkumar, Dr. B Manimaran, Dr. P V Alfiya & Dr. Sona Charles