

# BHEKTI INDAH KUSUMA

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## SUMMARY

A detail oriented and well organized Biology graduate with hands-on experience in food safety implementation, laboratory-based testing, and quality control activities. Experienced in structured documentation, compliance reporting, and data management across food and fisheries product testing. Certified in Food Safety Management System ISO 22000:2018, GMP, HACCP, and FSSC 22000 v7.0, with strong understanding of Food Safety Management System (FSMS) implementation, food safety documentation, internal audit support, corrective and preventive actions (CAPA), and sanitation program compliance. Proficient in Microsoft Office for quality documentation and data processing. Demonstrates strong analytical thinking, problem-solving, attention to detail, time management, teamwork, and effective communication skills.

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## EDUCATION

### INSTITUT TEKNOLOGI SEPULUH NOPEMBER (ITS) SURABAYA

2022 - 2026

Bachelor of Science – GPA: 3.45/4.00

Conducted a thesis entitled “*Isolation of Cellulose-Producing Bacteria from Fisheries Waste and Their Application as a Candidate Drug Carrier*”

Relevant Courses: Research Methods & Biostatistics

### SMA Negeri 1 Krian

2019 - 2022

Science Major

Final Score: 93.13/100

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## WORK EXPERIENCE

### Biomaterial & Enzyme Tech. Research Group – Research Technician

Jan 2025 – Dec 2025

- Executed 20+ enzyme application trials in renewable biomaterials, improving process efficiency by 15%..
- Collaborated with 8+ researchers to troubleshoot enzyme inconsistencies, reducing material waste by 10% through structured documentation.
- Delivered biomaterial sessions across 5+ community programs in Sumenep, reaching 100+ participants.

### Lab In To Go – Chief Operation Officer

Sept 2024 – Dec 2025

- Ensured 100% compliance with standardized laboratory analytical procedures across all testing activities.
- Supervised 10+ laboratory analysts, improving result accuracy and reducing reporting errors by 20%.
- Oversaw 50+ sample analyses per week, ensuring timely and validated reporting..

### Biologi ITS – International Laboratory Teaching Assistant

Aug 2023 – Okt 2025

- Assisted 30+ international students in laboratory courses including Fermentation, Industrial Microbiology, Enzymology, and Biochemistry.
- Delivered structured lab guidance for 5+ practical sessions, ensuring 100% module completion rate.
- Evaluated student performance across 4+ assessments, contributing to a 20% improvement in practical exam scores.

### BPPMHKP II Surabaya – Laboratory Analyst Intern

Jul 2025 – Aug 2025

- Conducted microbiological testing (E. coli, Salmonella, Vibrio, APC) on 50+ fish product samples in compliance with food safety standards (ISO 4833, ISO 6579, SNI 2332), supporting food safety hazard identification and control.
- Performed 100+ lab procedures including sample preparation, dilution, inoculation, and incubation in accordance with established SOPs and sanitation protocols.
- Achieved 100% traceability and documentation accuracy across all test results, supporting corrective action and audit trail requirements.

### Rumah Pintar Surabaya – Tutor / Instructor

Feb 2025 – Jul 2025

- Taught 40+ students (elementary to high school) in Science and Biology subjects.
- Monitored student progress through regular assessments, contributing to a 25% improvement in average scores over 3 months.
- Facilitated hands-on learning sessions, achieving 90% student satisfaction and improved concept retention.

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## ORGANIZATION EXPERIENCE

### Biology Student Association, ITS – Steering Committee of Cadreization

Feb 2025 – Dec 2025

- Designed and implemented a structured cadreization program to develop leadership skills for 102 students across multiple sessions.
- Delivered guidance on organizational values, roles, and responsibilities through 10+ mentoring sessions, ensuring all participants met cadreization benchmarks.
- Coordinated with internal committees, achieving a 100% program completion rate.

### Ini Lho ITS! 2025 – Faculty Roadshow Presenter

Jan 2025

- Delivered faculty presentations to 300+ prospective students across multiple schools during the ITS roadshow program.
- Engaged directly with 100+ students per session, addressing questions and increasing faculty interest.
- Showcased Biology faculty research and academic programs, contributing to a 20% increase in prospective student inquiries post-session.

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| <b>Biology Student Association, ITS – External Relations Department</b>                                                                                                                                                                                                                                                                                                                                                 | <b>Feb 2024 – Dec 2024</b> |
| <ul style="list-style-type: none"> <li>Led BERSEMI as Project Officer, coordinating event logistics and engaging 50+ alumni across graduation batches.</li> <li>Coordinated cross-divisional teams, ensuring 100% on-schedule delivery of program milestones.</li> <li>Developed alumni communication channels, improving outreach response rate by 30%.</li> </ul>                                                     |                            |
| <b>Student Executive Board, Faculty of Science and Data Analytics–Research Department</b>                                                                                                                                                                                                                                                                                                                               | <b>Feb 2024 –Dec 2024</b>  |
| <ul style="list-style-type: none"> <li>Led 5+ faculty-wide scientific discussions and writing training programs with 100+ participants.</li> <li>Secured 50+ partnerships/sponsorships, increasing event reach to 1,000+ participants.</li> <li>Coordinated internal teams, ensuring 100% on-schedule execution of research programs.</li> </ul>                                                                        |                            |
| <b>GERIGI ITS 2024 – Mentor</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>Jul 2024 - Aug 2024</b> |
| <ul style="list-style-type: none"> <li>Mentored 15–25 new students during university orientation, supporting their transition into campus life.</li> <li>Facilitated group discussions to build peer connections, achieving a 90% positive feedback rate from mentored students.</li> <li>Coordinated with 20+ fellow mentors to ensure consistent and seamless delivery throughout the orientation program.</li> </ul> |                            |

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## AWARDS & HONORS

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| • <b>Silver Medalist – 37th National Student Scientific Week (PIMNAS 37)</b> | <b>Oct 2024</b>            |
| • <b>Most Creative PKM Award – Program Kreativitas Mahasiswa (PKM-PI)</b>    | <b>Oct 2024</b>            |
| • <b>Funded Research Grant – PKM-PI, Kemdikbud DIKTI</b>                     | <b>May 2024 - Jul 2024</b> |
| • <b>Funded Research Grant – PKM-PM, Kemdikbud DIKTI</b>                     | <b>May 2023 - Jul 2023</b> |

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## CERTIFICATIONS & LICENSES

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| • <b>Food Safety Management System (FSMS) – Intensive Bootcamp Makin Ahli – Batch 187</b><br><i>(ISO 22000:2018, GMP, HACCP, FSSC 22000 v7.0, QA &amp; QC Complaint Handling)</i> | <b>May 2026</b> |
| • <b>Student Management Skills Training (Basic Level) – HIMABITS</b>                                                                                                              | <b>Jun 2023</b> |
| • <b>Leadership on Training (LoT) – HIMABITS</b>                                                                                                                                  | <b>Dec 2024</b> |
| • <b>Basic Media Schooling – HIMABITS</b>                                                                                                                                         | <b>Jun 2023</b> |
| • <b>Basic Level Scientific Writing Training – BEM ITS</b>                                                                                                                        | <b>Dec 2022</b> |
| • <b>Entrepreneurship Management Skills Training – ITS Career Center</b>                                                                                                          | <b>Dec 2022</b> |

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## Skills & Languages

- Skillset** : Food Safety Documentation, Internal Audit Support, Corrective & Preventive Action (CAPA), Sanitation Program Compliance, Allergen Awareness.
- Laboratory Instruments:** (Spectrophotometer, Microscopy, Centrifuge, Autoclave and HPLC)
- Toolset** : Microsoft Office (Word, Excel, PowerPoint), Google Workspace (Gsheet, Gdocs, Gdrive)
- Language** : Indonesian (Native), English (Intermediate) TOEFL Score: 477

