

## FACULTY PROFILE



**Name : Dr. KIRAN MOHAN**

Assistant Professor - Faculty of Fisheries Engineering

HoD (i/c) - Department of Food Process Engineering

Ph.D (NIT Calicut)

Mechanical Engineering

### Contact details



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Dr. Kiran Mohan, an Assistant Professor in the Faculty of Fisheries Engineering and serves as the Head in charge of the Department of Food Process Engineering. He holds a Ph.D. in Mechanical Engineering from National Institute of Technology Calicut, where his pioneering research on ergonomic practices in agricultural hand tools has significantly enhanced work efficiency, safety, and user experience. He is further supported by an M. Tech in Industrial Engineering and Management and a B. Tech in Mechanical Engineering.

In his teaching role, Dr. Kiran excels in employing modern pedagogical methods, including the flipped classroom and e-learning tools, to foster a dynamic and engaging learning environment. His expertise encompasses a wide range of fields including ergonomics, human factors engineering, time and motion studies, supply chain management, and operations research. His background as an industrial engineering consultant provides valuable real-world insights into streamlining operations and improving organizational efficiency, which he integrates into his curriculum to bridge theory and practice.

Dr. Kiran's contributions extend beyond classroom teaching and research. He has authored several book chapters that delve into topics such as ergonomic design and posture analysis, further showcasing his expertise and commitment to advancing the field. His work has been recognized at international conferences and published in reputable journals.

Dr. Kiran's approach to teaching and research not only inspires students but also equips them with the skills needed to excel in Food Process Engineering. His ongoing efforts in optimizing work environments and enhancing productivity continue to make a significant impact in both academia and industry.

### **Teaching:**

- ❖ Food Thermodynamics
- ❖ Heat and Mass Transfer in Food Processing
- ❖ Business Management and Economics
- ❖ Marketing Management and International Trade
- ❖ Project Preparation and Management
- ❖ Entrepreneurship Development
- ❖ Engineering Drawing and Graphics
- ❖ Workshop Technology

### **Research Areas:**

- ❖ Food Process Engineering
- ❖ Human Factors and Ergonomics
- ❖ Time and Motion Studies
- ❖ Machine Learning
- ❖ Supply Chain Management
- ❖ Operation Research

### **Key Management Roles:**

- ❖ Head of the Department (i/c) of Food Process Engineering
- ❖ Ph.D Coordinator in the Faculty of Fisheries Engineering
- ❖ Class Coordinator of B. Tech Food Technology (2021 Batch)
- ❖ Editorial Board Member of NEERADHAM (Biannual Publication)

### **Publications:**

- ❖ Google Scholar: <https://scholar.google.co.in/citations?user=9iYubeQAAAAJ&hl=en>
- ❖ Research Gate: <https://www.researchgate.net/profile/Kiran-Mohan-5>