



Centre for Bioenergy and Bioproducts

Dr. R. Ravikumar

Professor-Biotechnology

Associate Dean R&D

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Dr. R. Ravikumar has significant expertise in biomethane, hydrogen, and ethanol production using microbial pathways. He specializes in optimizing bioprocess parameters in both small-scale and pilot-scale fermentors. He has also worked on designing photobioreactors for algal growth and product extraction. Currently, he is focused on developing functional foods in the food technology sector. Dr. Ravikumar has successfully completed four funded projects from organizations including DST, SERB, and TNSCST, and has established an industrial pilot plant. His contributions to Algal Technology earned him the Young Scientist Award from DST. His research output includes 45 published papers with an h-index of 15. He also had an experience in working as Chief Consultant in Para industry and given placement for many students

Looking for PhD students to work in the following areas

- ✧ Isolation and Identification of anaerobic bacteria
- ✧ Growth of algae and extraction of bioactive compounds.
- ✧ Functional food from millet
- ✧ Fermentor operation and bioprocess optimization
- ✧ Industrial Pilot Plant

Facilities available

- ✧ Industrial Pilot Plant
- ✧ Open and Flate Pannel Photobioreactor
- ✧ Anaerobic glove box

Benefits and opportunities

- Monthly fellowship of Rs. 25,000/- for three years
- Publication in SCI-indexed high impact journals
- National and International collaborations
- Placement in industries

Contact details

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