

CURRICULAM VITAE

SOURAV MISRA

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Current research

Microencapsulation of probiotics and development of functional food products.

Academic profile

Degree	Board/University	Year	Percentage/GPA
M. Tech (Food Process Engineering)	Orissa University of Agriculture and Technology	2018	9.29/10
B.Tech (Agriculture Engineering)	Orissa University of Agriculture and Technology	2016	8.56/10
12 th	CHSE	2012	75%
10 th	BSE	2010	90.5%

Areas of interest

- Microwave application in food engineering
- Microencapsulation technologies
- Development of probiotic food products
- Grain handling, processing and storage

Key projects

- **Ongoing PhD research** on “Lactic Acid bacteria based biorefineries for converting agro and food based biomass into PLA and high value added products”. Different technologies are explored for microencapsulation of LAB and GABA in order to maintain the viability of bacterial cells and development of probiotic food products enriched with GABA will be carried out.
- **M. Tech Project** on “Efficacy of microwave heating in enhancing the shelf life of groundnut”. Groundnut seeds were exposed to microwave radiation which resulted in increasing the storability as well as maintaining the quality attributes of grains and seeds during the storage period.

Training & Certification

- B. Tech In-plant training at Odisha Lift Irrigation Corporation (OLIC), Bhubaneswar, Odisha.
- B. Tech one month summer training on “Development of processed products and their preservation” in Department of Agricultural Process & Food Engineering, CAET, OUAT, Bhubaneswar, Odisha.
- M.Tech In-plant training on ‘Practical training on operation/maintenance of agro processing equipment/technologies’ at ICAR-CIAE, Bhopal during May-June, 2017.
- Certificate of Participation for the poster entitled “Development of low calorie multigrain biscuits with probiotic effect” at National Conference on Advances in Food Processing for Sustainable Food Security (AFP 2019), 17th – 18th May 2019, NIT Rourkela, Odisha, India.

Conferences

- Presented poster entitled “Development of low calorie multigrain biscuits with probiotic effect” at National Conference on Advances in Food Processing for Sustainable Food Security (AFP 2019), 17th – 18th May 2019, NIT Rourkela, Odisha, India.

Awards and professional recognition

- University Gold medalist in M. Tech in the Department of Agricultural Processing and Food Engineering, OUAT, Bhubaneswar.
- Qualified NET-2018 in Agricultural Structure and Process Engineering (Marks obtained: 81.00(54.00%).
- 152 rank in AIEEA-PG 2016.
- Won 3rd prize in dance competition at ALMA FIIESTA’15, the annual socio-cultural festival of Indian Institute of Technology, Bhubaneswar in 2015.
- Participated as University representative in NSS-National Integration Camp organized by UAS, Dharwad, Karnataka in 2014.
- Received university merit scholarship for 4 years in B. Tech programme and for 2 years in M.Tech programme.

Personal details

Date of Birth:	December 17, 1994
Gender:	Male
Nationality:	Indian
Languages Known:	English, Hindi, Oriya
Mailing Address:	At-Bhanjanagar, Bypass Square, Po-Bhanjanagar, Dist- Ganjam Pin-761126, Odisha India.

Declaration

I hereby declare that all the information furnished above is true and correct to the best of my knowledge and believe.

Place: ODISHA

Date: 08. 04. 19

Sourav Misra