

JAYSHREE MAJUMDAR

Ph.D Agricultural and Food Engineering
Indian Institute of Technology Kharagpur
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Date of Birth: August 17th, 1990

Place of Birth: Jhargram, India

EDUCATION

- | | |
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| 1/2017- present | Ph.D Agricultural and Food Engineering
Indian Institute of Technology Kharagpur <ul style="list-style-type: none">➤ Topic: Development of Process technology for the preparation of Essential Amino Acid Balanced Nutri dalAdvisor: Prof. H N Mishra |
| 8/2013- 6/2015 | Master of Technology (Food Technology & Biochemical Engineering)
Jadavpur University, Kolkata, India <ul style="list-style-type: none">➤ Topic: Study on incorporation of post harvested natural sources in bakery productAdvisor: Prof. Dr. Runu Chakraborty➤ Final Grade: 8.66/10 (1st Rank) |
| 6/2009- 5/2013 | Bachelor of Technology (Food Technology)
SHIATS, Allahabad, India <ul style="list-style-type: none">➤ Project: Study of pearl millet vermicelli fortified with skimmed milk powderAdvisor: Prof. Dr. B.R Shakya➤ Final Grade: 9.68/10 (1st Rank) |
| 6/2008 | High School Degree (Science)
Kendriya Vidyalaya , DVC, Bokaro thermal, Jharkhand, India (CBSE Board) <ul style="list-style-type: none">➤ Final Grade: 73.4% (Regional topper of chemistry) |

PROFESSIONAL EXPERIENCE

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|-----------------|---|
| 7/2016- 1/2017 | Asst Professor, Dept Of Food Technology
AKS University, Satna, Madhya Pradesh, India |
| 7/2015- 7/ 2016 | Asst Professor, Dept Of Food Processing and Quality Control
Karunya University, Tamil Nadu, India |

PUBLICATIONS

- Pathak, D., **Majumdar, J.**, & Raychaudhuri, U. (2016). Characterization of physicochemical properties in whole wheat bread after incorporation of ripe mango peel. *Journal of Food Measurement and Characterization* doi: 10.1007/s11694-016-9335-y
- Pathak, D., **Majumdar, J.**, & Raychaudhuri, U. (2016). Dynamic role of Natural Antioxidant sources on different parameters of Bread quality - A Review. *Nutrafoods* doi: 120.1607/s116953f4-016-9335-
- Pathak, D., **Majumdar, J.**, & Raychaudhuri, U. (2016). Study on enrichment of whole wheat bread quality with the incorporation of tropical fruit by-product. *International Food Research Journal*
- Pathak, D., **Majumdar, J.**, & Raychaudhuri, U. (2016). Study on enrichment of whole wheat bread sensory parameters with the incorporation of tropical fruit by-product. *Journal of sensory sciences*

CONFERENCES/ PRESENTATIONS

- Oral paper presentation on Effect of extrusion process on the machine parameters, functional and cooking properties of Essential Amino Acid Balanced Nutri Dal. AFP, NIT Rourkela, 2019
- Poster presentation on Study of extrusion process on the rheological, functional and cooking properties of Essential Amino Acid Balanced Nutri Dal, IUFOST, Mumbai, 2019
- Oral paper presentation on “Properties and qualities of gluten free pearl millet vermicelli fortified with skimmed milk powder, ICFNH–2016, June 2016
- Oral paper presentation on “Overcoming Technological constraints in the development of probiotics in dairy industry”. International satellite symposium on emerging trends in nanotechnology, IIT chennai, 2015
- Poster presentation at National seminar on recent advances in biotechnology, CSIR- Indian Institute Of Chemical Biology, Kolkata, India, April 2015

FELLOWSHIPS AND AWARDS

- **Gandhian Young Technological Innovation (GYTI) Awards, SRISTI**, Department of Biotechnology, Government of India
- **1st Prize winner** in Oral paper presentation at AFP, NIT Rourkela, 2019
- **1st Prize winner** in Oral paper presentation at International satellite symposium on emerging trends in nanotechnology, Kilakarai, India
- **Merit Certificate** for securing 1st Rank in B.Tech Food Technology, SHIATS, Allahabad, 2013
- **Merit Certificate** for securing 1st Rank in M.Tech Food Technology, Jadavpur University, 2013
- **Scholarship** through Earn while You Learn Scheme, SHIATS, Allahabad, 2010-2013
- **Prime minister scholarship for CPO**, Govt. of India, 2013
- **CISF Students Welfare scholarship** for academics, CISF, Ministry of Home, Govt. of India, 2002-2008
- Secured **GATE score card** in **GATE- 2013 & 2015**

RESEARCH INTEREST

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|---------------------------------|--------------------------|
| ➤ Food safety | ➤ Cereal sciences |
| ➤ Micronutrient supplementation | ➤ Protein and amino acid |
| ➤ Functional food | ➤ Extrusion |
| ➤ Food security | ➤ Nutrition |

REFERENCES

- **Prof. H N Mishra**
Professor
Department of agricultural and food engineering
Indian Institute of Technology Kharagpur
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E-mail- hnm@agfe.iitkgp.ernet.in

DECLARATION: I hereby declare that, the above-mentioned information furnished by me are true to the best of my knowledge and belief.

Jayshree Majumdar

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