



Srutee Rout
Department of Agricultural and Food Engineering
Indian Institute of Technology, Kharagpur

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Ph.D
2nd February 1997



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Educational Qualifications

Examination	Institution	CGPA/ Percentage
S.S.C. (2012)	Delhi Public School, Kalinga	95
H.S.S.C. (2014)	Mother's Public School, Bhubaneswar	92.6
B.Tech (2018)	College of Engineering and Technology, Bhubaneswar	8.59
M. Tech (2020)	Institute of Chemical Technology, Mumbai	9.66

M.Tech Food Biotechnology Research Topic

- Studies on effect of cold plasma treatment in combination of enzyme on cellulose

PhD Research Area

- Effect of mango peel powder and cold plasma processed plant protein for the formulation of a vegan product

Training/Internship

- Worked as Trainee in Himedia Laboratories Pvt Ltd, Ghatkopar, Mumbai, Maharashtra from July-November in 2019
- INSA Summer Research Fellow at International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi from May-July in 2017
- Skill and Development Programme on Biotechnology at Global Biotechnology, Tamando, Bhubaneswar, Odisha in June 2016

Teaching Assistantship

- GATE XL (Microbiology) Team Lead at Foodyaari from May 2021 – Feb 2022
- PMRF External TAsip at ICT Marathwada Jalna Campus for 2 weeks in November 2022

Publications

- Srutee, R., R. S, S., & Uday S, A. (2021). Clean meat: Techniques for meat production and its upcoming challenges. *Animal Biotechnology*, 1-9.
- Gnana Eswaran, U., Karunanithi, S., Gupta, R. K., Rout, S., & Srivastav, P. P. (2022). Edible insects as emerging food products—processing and product development perspective. *Journal of Food Science and Technology*, 1-16.
- Rout, S., Tambe, S., Deshmukh, R.K., Mali, S., Cruz, J., Srivastav, P.P., Amin, P.D., Gaikwad, K.K., de Aguiar Andrade, E.H. and de Oliveira, M.S., 2022. Recent trends in the application of essential oils: The next generation of food preservation and food packaging. *Trends in Food Science & Technology*.

Academic Achievements and Awards

- Certificate of Academic Excellence in AISSCE – 2014 (Science Stream)
- Finalist of TECHgum 2017 conducted by L&T Technology Services
- CET Merit Scholarship 2018 for being in the top 10% of the entire batch of students
- Qualified JNU CEEB 2018 exam with AIR 3 in Life Science stream
- Qualified UGC NET December 2020 in Home Science subject
- Awarded with Prime Minister's Research Fellowship (PMRF) by IIT Kharagpur in December 2021

Conferences

- Poster Presentation in International Conference on Advances in Chemistry and Biology of Carbohydrates organized by Chemistry & Bioprospecting Division, Forest Research Institute, Dehradun in association with Azadi Ka Amrit Mahotsav Association of Carbohydrate Chemists and Technologists (India) in December 2021
- Poster Presentation in International Conference on Advances in Agriculture and Food System Towards Sustainable Development Goals organized by University of Agricultural Sciences, Bangalore in August 2022
- Poster Presentation in International Conference on "Sustainable Approaches in Food Engineering and Technology" (Safety-2022) in association with AFSTI Tezpur Chapter in October 2022

Membership in Professional Societies

- Associate Member of All India Agricultural Students Association (AIASA) – LM - 6/2022
- Life Member of Indian Society of Agricultural Engineers (ISAE) – LM - 12478

Positions of Responsibilities

- Co-ordinator of the CET Rising wing of Cetadel, the Literary Society of CET-B

Courses completed

- Potential and diverse applications of Cold Plasma for inactivation and mitigation of Corona virus organised by AFSTI
- COVID – Food Safety Supervisor & Manufacturing (Level 2) conducted by Foodyaari
- Advances in Sustainable Disruptive Technology in Food Processing organised by Department of Food Process Engineering, NIT, Rourkela
- AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Material Science and Engineering Approaches for Food System Design”

Extra Curriculars

- A part of organizing team in XTASY-2K17, the annual Cultural fest of CET-B.
- Participated in the Handball National Championship, Nawasehar, organized by Punjab Handball Association

Computer Knowledge: MS Word, Power Point, C, C++

Language Skills: English, Hindi, Odia

Interests and Hobbies: Dancing, Writing, Blogging