



## CIRRICULUM VITAE

### MONALISHA PATTNAIK



**Date of birth** 21<sup>st</sup> June 1994  
**Nationality** Indian  
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### EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2018	M.TECH	IIT KHARAGPUR	9.29 / 10
2016	BACHELOR OF TECHNOLOGY	ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY	8.44 / 10
2012	SENIOR SECONDARY EXAMINATION	CBSE	90%
2010	SECONDARY EXAMINATION	ICSE	89.28%

### SKILLS AND EXPERTISE

- Programming Language- C, C++, Java, HTML, Matlab
- Design Software- AUTO- CAD, Design Expert
- Working Knowledge- MS- Office

### TRAINING

- Two Months of Training on Rooftop Rainwater Harvesting Ground Water Recharge and Water Quality Testing of Groundwater at Directorate of Groundwater Survey and Investigation, Bhubaneswar, Odisha.
- Two Months Practical Training on Manufacturing/Operation of Agro-Processing Equipment/Technologies and Agricultural Energy and Power at Central Institute of Agricultural Engineering, Bhopal, Madhya Pradesh.
- Two months Practical Training on Development of Processed Products and their Preservation at Dept. of APFE, OUAT, Bhubaneswar, Odisha.

## PROJECTS

- Project on "Microencapsulation of Oil Blends and Preparation of Shelf- Stable Oil Powder" at Indian Institute of Technology Kharagpur.  
GUIDE: Prof. H.N Mishra  
Duration- 1 year
- Project on "Physical Properties of Pumpkin Seed" at College of Agricultural Engineering and Technology, Odisha University of Agriculture and Technology.  
GUIDE: Dr. C Bakhara  
Duration- 6 months

## AWARDS AND ACHIEVEMENTS

- Received 1st prize in poster presentation at National Conference Advances in Food Processing for Sustainable Food Security (AFP-2019) held in NIT Rourkela.
- Received Young inventor award at IIT Kharagpur.
- AFST (I) Kharagpur Chapter Anurag Kanti Award for best project work in Food Process Engineering in M Tech.
- MHRD fellowship for M Tech Study 2016 – 2018.
- Scored All India Rank(AIR)- 43 in Gate 2016.
- Completed B-Tech "First Class with Honors".
- Recipient of CAFAS Scholarship throughout my bachelor's degree sponsored by State Govt. (2012-2016)
- Received Two 2<sup>nd</sup> Prize in Running Race (100,200m) at College of Agricultural Engineering and Technology.
- Received 2<sup>nd</sup> Prize in Long Jump at College of Agricultural Engineering and Technology.
- Awarded for Excellent Academic Achievement in Class 12<sup>th</sup> Board.
- Received Frist Prize in Class 11<sup>th</sup> Science Exhibition.

## CERTIFICATIONS

- Certification of appreciation in Dupont Nutrischolar Awards 2018 for Gluten Free cookies category.
- AFST (I) Kharagpur Chapter Anurag Kanti Award for best project work in Food Process Engineering in M.tech.
- Certification for Working on Project Title "HARMFUL EFFECTS OF SOFT DRINKS".
- Certification of Excellence in National Talent Search Examination.

## CONFERENCES

- Presented poster at 3<sup>rd</sup> International Conference on Food Properties on “Effect of Microwave Treatment on Drying Characteristics and Physico-chemical Properties of Microencapsulated Oil Powder” at Sharjah, UAE.
- Presented poster at “Indo-Japan Bilateral Symposium on Future Perspective of Bio Resource Utilization in North-East India” on “Novel Method for Microencapsulation of Vegetable Oil” at IIT Guwahati, India.
- Presented poster at IUFoST-World Congress of Food Science and Technology on “Effect of Microwave-Vacuum Treatment on Physico-chemical Properties of Microencapsulated Vegetable Oil Powder at Mumbai, India.
- Presented poster at National Conference on Advances in Food Processing for Sustainable Food Security (AFP-2019) on Preparation of PUFA rich vegetable oil powder: microwave-vacuum drying technique, its drying behaviour and quality parameters at NIT Rourkela.

## PATENT

Title: Microencapsulated oil blends and preparation of shelf stable oil powder

Application No: 201831037151

Inventors: Hari Niwas Mishra, Mousumi Ghosh, Monalisha Pattnaik

