

JAYANT KUMAR

Permanent Address:

Village and post- Jokia,

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Current address:

FCT Lab, AGFE

IIT Kharagpur, West Bengal, 721302



EDUCATIONAL QUALIFICATION

Year	Examination/Degree	Institution/Board	Percentage / CGPA
2016-2018	M. Tech (Food Process Engineering)	IIT Kharagpur	8.51/10
2011-2015	B.Tech (Food processing technology)	Anand Agricultural University, Anand	7.81 / 10
2010	Intermediate science	St. Xavier's College (Ranchi)	66.40%
2008	Senior Secondary Education	Residential High School, Netarhat	88.40%

RESEARCH INTEREST

- Novel food processing technology
- Process Analytical technology for rapid detection
- Numerical Modeling and simulation of food processes
- Food Engineering and Process optimization

RESEARCH EXPERIENCE

- Junior Research Fellow on project entitled: 'Development of Processing Technology and Prototype Unit for Manufacture & Shelf Life Extension of Sugarcane Juice'.
- Composition analysis of Malted Milk Formulations using FT-NIR Spectroscopy. (As a part of my M Tech project work)
- Extension of shelf life of Thepla (Unleavened flat bread) using hurdle technology. (Summer Research Fellowship sponsored by Indian Academy of Science, Bangalore India)

TEACHING EXPERIENCE

- **Teaching Assistantship** from May 2017 to May 2018 at Indian Institute of Technology, Kharagpur, West Bengal, India
- **Assistant Professor from June 2018** to now at VFSTR, Deemed to be University, Guntur, Andhra Pradesh, India

ACADEMIC ACHIEVEMENT

- **All India Rank 18** in Graduate Aptitude Test in Engineering (GATE Engineering science) -2016
- Scored **312 out of 340 in GRE.**
- An **IELTS score of 7 bands out of 9 bands.**
- Recipient of **MHRD Scholarship** for PG program through GATE.
- Recipient of **Jharkhand state scholarship** for distinction performance in Matriculation (class 10th).
- **ICAR National talent search scholarship** for under graduate program duration **2011-2015.**
- Selected for **Summer Research Fellowship Program 2013** funded by **IASc.**
- Qualified **ICAR-ASRB NET 2018.**
- **Winner of technical paper presentation award** on the event Adroit'13, a national level food festival.
- Work experience under the food packaging technology department of **CFTRI Mysore**, a CSIR lab.
- **Attended GIAN course** on “Innovative food processing and packaging technology” conducted by Dr Shyam S Sablani from Washington State University.

CONFERENCES AND SEMINARS

- E-Poster presentation at **46th Dairy Industry Conference** Kochi
- Poster Presentation at **IUFoST- World Congress of Food Science and Technology 2018**

INDUSTRIAL TRAINING

Organization	Freshtrop Fruits Ltd.
Post	Senior Quality Assurance officer
Duration	Jan 2015 to May 2015

INDUSTRIAL VISITS

- Hindustan Coca-Cola. Beverages Pvt. Ltd. (Atmakuru, Andhra Pradesh)
- Amul Dairy GCMMF (Anand Gujarat)
- Ruchi Soya Industries Limited (Indore Madhya Pradesh)
- Makson- Innovative Sweet Technologists, Gujarat
- Unique Foods (Muzaffarpur, Bihar)

EXTRA CURRICULAR ACTIVITIES

- Active participation in various college level debates, quiz competitions, sports (Cross country runner and cricket crazy), acting (3 times winner at inter school level).
- Completed **A certificate in NCC** Air wing 2005 to 2007.
- Active participation in the **NSS** program conducted at college level.

SOFT SKILLS

- MATLAB and R-Studio for Statistical purposes
- SolidWorks
- Operating systems based on windows and Mac
- Plant design and layout using solidworks.

PERSONAL DETAILS

Mother's Name	:	Smt Ramday Devi
Father's Name	:	Shri Chunchun singh
Date of Birth	:	19 th June 1993
Nationality	:	Indian
Marital Status	:	Single
Languages known	:	Hindi, English, Gujarati

PLACE: IIT Kharagpur

(JAYANT KUMAR)