

CURRICULAM VITAE

Dr. CHANDRADHWAJ NAYAK

Assistant Professor on Contract

Department of Chemical Engineering

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ACADEMIC PROFILE

Exams Passed	School/College/ University
PhD	Indian Institute of Technology, Banaras Hindu University
M.Tech	Indian Institute of Technology, Banaras Hindu University
B.Tech	Indira Gandhi Institute of Technology, Sarang
12 th	Govt. Jr. College, Angul
10 th	Town High School, Angul

EXPERIENCE

Positions held	Name of the Institute	From	To
Assistant Professor	Nims University, Rajasthan, Jaipur	15 th Mar 2018	16 th Sep 2018
Mentor, UHV-1 & 2	Indian Institute of Technology, Banaras Hindu University	July 2015	Jun 2017
Tutor	Indian Institute of Technology, Banaras Hindu University	29 th Jul 2013	13 th Apr 2014
Teaching Assistant	Indian Institute of Technology, Banaras Hindu University	2 nd Jan 2013	13 th Mar 2018
Lecturer on Contract	Indira Gandhi Institute of Technology, Sarang	10 th Aug 2010	22 nd Sep 2012

TECHNICAL ACHIEVEMENTS

Name of Award	Awarding Agency	Year
Dr. J S Pruthi Memorial Award for innovative research/development of equipment in the area of Food & Vegetable Technology	All India Food Processors Association	2016

PUBLICATIONS

Author(s)	Title	Name of Journal	Volume	Page	Year
Verma, AK, Nayak, C	Acoustic Measurement in a Rectangular Bubble Column to Determine Bubble Size and Interfacial Area for Aqueous Solutions of Ethylene Glycol	Int. J of Recent Tech. and Eng	8(2)	994-998	2019
Nayak, C, Singh, SV, Verma, AK	Drying of Green Peas using short duration pulses of hot air	Indian Food Packer	69(2)	102-105	2015
Nayak, C	Fault detection in fluid flowing pipes using acoustic method	Int. J. App. Eng. Rs.	9 (1)	23-28	2014

PROJECTS & CONFERENCES

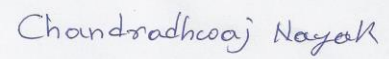
- Worked as **Junior Research Fellow** is under the supervision of Prof. S B Mohanta, in the department of Chemical Engineering, Indira Gandhi Institute of Technology ,on **Up gradation of Indian iron ore fines (-1 mm +45 μm), slimes, low grade ores and tailings by Teeter bed separator.**
- Participated in effluent discharge and status program involving **166 tannery/textile industries located in Kanpur and Unnao** area during April and May 2017 as a part of Namami Gange Project assigned to the department of Chemical Engineering & Technology, .
- Presented in an international conference on **Application of acoustic technique in hydrodynamic analysis of opaque bubble columns**, International conference at ELSI's 6th International Symposium organized by **Tokyo Institute of Technology, Tokyo, Japan**, on 12th January, 2018.
- Presented in an international conference on **Acoustic Analysis an alternative technique for hydrodynamics study of Bubble Column**, International conference in HEITS-2014, Dr. SSB University Institute of Chemical Engineering and Technology, **Panjab University, Chandigarh** on 19th and 20th Sep 2014.

AREA OF INTEREST

- Process Control
- Process Equipment Design
- Fluid Mechanics

DECLARATION

I hereby declare that all the particulars made above are true to the best of my knowledge and belief.



Chandradhwaj Nayak

DATE: 1st Sep 2021

PLACE: Angul, Odisha, India