

CURRICULUM VITAE



Name : DR. (MRS.) KAKALI BANDYOPADHYAY
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Academic Qualifications : M. Tech., Ph. D (Tech)
Present Occupation: Professor and Head, Department of Food Technology of Guru Nanak Institute of Technology, Kolkata (Since January 2004 to till Date).

Other Teaching Experience: (a) Part-time Lecturer of Industrial Chemistry in St. Paul's Cathedral Mission College, Kolkata.

(b) Part-time Lecturer of Environment & Ecology in Narula Institute of Technology, Kolkata.

(c) Visiting Faculty in the Department of Biotechnology, University of Calcutta, St. Xaviers College, Kolkata and Department of Chemical Technology, University of Calcutta.

(d) Guest Faculty in the Department of Chemical Technology, University of Calcutta from 2010 to till date for M. Tech. Course

Member of Professional Bodies: i. Life Member of Oil Technologist's Association of India

ii. Life Member of Institute of Engineer's of India

Research Experience : Undertaken Research work as Senior Research Fellow under **CSIR, Govt. of India**, from October'99 to October'03

Research Area : i. Waste to wealth generation in Food Processing like work on antioxidants, Nutraceuticals, Protein isolates, Protein Hydrolysates
ii. Preparation & Characterization of Fortified Foods
iii. Research work on Edible oil and fat

Publications : **International Journal - 32**
National Journal - 12

Presented/Published papers in Seminar/Conference : **International - 22**
National - 55

Book Published : **"A Complete Course in Engineering Chemistry"** a textbook for 2nd Semester students of West Bengal University of Technology, from **S. Chand & Company Ltd.**, [ISBN:81-219-2986-5]

Patent Published : 3

Patent Filed : 1

AWARD RECEIVED

1. Received **Gold Medal Award 1998** from University of Calcutta for securing First position in M.Tech Exam 1998.
2. Received **O.P. Narula Young Scientist Award 2003** from **Oil Technologists' Association of India**, Southern Zone at **Indian Institute of Chemical Technology (IICT), Hyderabad**, India for Research contribution in Fats and Oils field.
3. Received **G.S. Nivedita Award, 2002** from **Oil Technologists' Association of India**, for **The Best Research Papers** Published in all issues of the Journal of Oil Technologists' Association of India.
4. Awarded as the **Best Presenter** at **Indian Chemical Engineering Congress, 2000 (CHEMCON 2000)**, 53rd Annual Session of Indian Institute of Chemical Engineers, Calcutta, Dec. 2000.
5. **Received award for Publication of Books & Publication of Research Paper in International Journal in Faculty Summit 2009 organized by GNIT.**
6. Received **First Prize** for the paper presentation on "**Production and use of potato powder in Indian Traditional Sweets**" held on 8-9th April 2011, in the **National Seminar** on Recent Advances in the Development of Fermented Foods, at the Centre of Food Science and Technology, Institute of Agricultural Sciences, **Banaras Hindu University**, Varanasi.
7. Received **the Best Head of the Department of GNIT Award** in JIS Samman 2015 from JIS Educational Group, May 2015
8. Received **Second** for poster presentation in **UGC-Sponsored National Level Seminar** on Food Security And Sustainable Nutrition In India: The Present Scenario" Organized by Department of Food and Nutrition, Acharya Prafulla Chandra College in collaboration with Department of Biochemistry & Nutrition, All India Institute of Hygiene and Public Health at Kolkata held on 15-16th Sept.,2016
9. Received **Second** for poster presentation on the topic "Banana Peel Muffin: A Great Way of Waste Utilization" in National Seminar on "A Dairy Snapshot-2017" Organized by IDA (EZ), Kolkata in association with Faculty of Dairy Technology, WBUAFS, Nadia held on 5th August,2017.
10. Received "**Teacher of the Year 2017**" for the contribution in Teaching, Learning and Research by **MAKAUT** on Teacher's Day, 5th September, 2017.
11. Received award for Faculty with **highest number of publication** in **JIS Samman 2021** from Institute
12. Received award for Faculty with **highest no. of Students Publication** in **JIS Samman 2021** from Institute
13. Received award **Best Teacher Award** in **JIS Samman 2021** from Institute

14. Received **Dr. S. Radhakrishan Bharat Shiksha Award** for outstanding Teaching & Learning on Teacher's Day, 5th September, 2021

Invited/Guest / Keynote Speaker of :

1. **Selected as Members** of the organizing committee In International Training Program on "Elementary Food Safety Training (EFST) and Combat COVID 19 (CC19)", organized by Food Tech. Club India partnered with GNIT, FT
2. **Invited as an advisory committee member** of the Department of Food Processing Technology at Falakata Govt. Polytechnic.
3. Invited as **Guest Speaker** in a telephonic interview on **Engineers Day"** on **15th September, 2020**. The scope of the programme included knowledge about unconventional Engineering subjects and how students would be benefited by pursuing those subjects, organized by **All India Radio, Kolkata's Yuvavani Section**
4. Selected as **Guest Faculty** in the **Seven Days Online Capacity Building Training Programme For SC/ST aspiring Budding and Existing Entrepreneurs** under NSSH Scheme on "**Packaging of Fresh and Processed Foods**" at **Indian Institute of Packaging, Kolkata Centre** in association with **Government of India, Ministry of MSME (SME Section)** at a topic of "**Quality Control and Innovation in Tea & Spices**" on **9th October, 2020**.
5. Invited as **Guest Speaker** for the **FDP** on '**Trends in Biotechnology**' under the TEQIP III academic program organized on 18th September, 2020, by the **Department of Biotechnology, MAKAUT** where she emphasized on "**BIOREACTORS & BIOPROCESS in Food Processing Technology and upcoming research area in this field**"
6. **Selected as Ph.D Guide** in Oil Technology under the Department of Chemical Technology, University of Calcutta
7. Invited as **Keynote Speaker** in Workshop on "Packaging of Foods and Handicraft" organized by Indian Institute Of Packaging, Kolkata Centre in Association with Government of India, Ministry of MSME(SME Section)
8. Invited to address the Special Session as **Keynote Speaker** on "Food Processing: New Technology & Up gradation". Organized by **The Indian Chamber of Commerce in association with Ministry of Food Processing Industries, Govt. of India**.
9. Invited as **Keynote Speaker** at "**Workshop on Pradhan Kisan Sampada Yojana**", Organized by **Ministry of Food Processing Industries, Govt of India in collaboration with the Indian Chamber of commerce**.
10. **Keynote Speaker** in the National Symposium on 'Food and Nutrition Security' organized by Department of Food Technology, Bundelkhand University, Jhansi
11. **Selected as Advisory Committee Member** of Seminar on "Food and Nutrition Security-Thus Far and Further, Organized by Nutrition Science of India
12. **Invited Speaker** of Talk Show on "Beti Bachao Beti Padao" : An Awareness Programme of Govt. of India in DD Bangla
13. **Selected as Auditor** for Quality of Food, Security, Infrastructure, Process standardization at **IRCTC Base Kitchen** at Howrah Station, organized by CII Jubilant Bhartia Food and Agriculture Centre of Excellence (FACE) under **Surakshit Khadya Abhiyan** , National Awareness Campaign on 'Safe Food for All'.
14. **Key-note Speaker** in Food Tech Seminar on "Green Food Techniques : Emerging Innovation for Sustainable, Safe, Healthy Food" & Industrial Meet, SAMPARK '19
15. **Keynote Speaker in Seminar** on "Project Based Learning in Food Technology" , Organized by Falakata Govt. Polytechnic

Industrial Consultancy with: 1. JK Spices
2. Smart Management Consultancy

External Examiner/ Paper Setter of:

1. Department of Chemical Technology, University of Calcutta
2. Department of Dairy Technology. West Bengal University of Animal Science and Nutrition
3. Department of Dairy Chemistry. West Bengal University of Animal Science and Nutrition
4. Department of Food & Nutrition, Rastraguru Sundranath College
5. Department of Food Processing Technology, Falakata Govt. Polytechnic College
6. Department of Food Processing Technology, GKCIET, Maldah