

Resume

Address: Dr. Shubhangi Nigam
L-165, Sarandria Nagar
Hansari
Jhansi – 284001
E.Mail: shubhangi.nigam@gmail.com
nigam_shubha@yahoo.com
Contact No. 9450068412, 0510-2470470

Career Objective:

“To work in a prestigious organization with ample opportunities to utilize my abilities and knowledge”

Professional Qualification:

- **Doctorate in Philosophy in Food Technology** entitled *“Incorporation low value cereals of bundelkhand region in bread ”* from Institute of Food Technology, Bundelkhand University, Jhansi, (U.P) 2010.
- ♦ **P. G in Food Science and Technology** form Institute of Food Technology, Bundelkhand University, Jhansi, U.P with First Division (69%) in 2002.
- **B.Sc in Zoology & Botany** form Bipin Bihari Degree College, Bundelkhand University, in 2000.
- **Higher Secondary School Exam (10+2), U.P. Board,** with *Second Division*, in 1997, with Science Stream.
- **High School Exam, U.P. Board,** with *Second Division* in 1995.

Teaching Experience: 10 Years

- **Previous Job-** Worked as a lecturer in Institute of Food Science and Technology, Bundelkhand University, Since **October 2004** to **June 2006**.
- **Present Job-** Working as a lecturer in Department of Food Technology, Institute of Engineering & Technology, Bundelkhand University, Jhansi. Since **2006 to till date**.

Job Responsibilities:

- Teaching Subject is **B. Sc, M.Sc and B. Tech (Food Tech)** and also assist classes, regular participation in other departmental activities like Examination, results, organizing cultural events, counseling.

- C S in Pandit Vasudev Tiwari Girls Degree College Jhansi, To conduct the B Sc., B. Com and B.A Final Examination. 2013.

Commit members :

- Internal Expert Commit member in B.O.S of Department of Food Technology, I E.T, 2013-16.
- Technical commit member in National Conference on: Current scenario and future trends in biotechnology (Bio-futurity- 2014) organized by Department of Biotechnology Engg. IET, BU Jhansi, March 26-27-2014.
- Core commit member in Inspire: Science Camp Under Inspire Internship Program, five day workshop Jan 20-24, 2014.

Other Qualification:

- One year diploma in **Canning and Food Preservation** from **Govt. Food Science Training Center** Industrial area Gwalior Road , Jhansi .
- Master of Business Administration from **U.P Rajarshi Tandon Open University**, Allahabad.
- Passed course of **Food & Nutrition** from **IGNOU** in 2004.

One week workshop and faculty development program:

- Shubhangi Nigam (2014). Attended “**Research methodology**” workshop organized by Bundelkhand University, Jhansi, U.P., Feb 22-26 , 2014.
- Shubhangi Nigam (2014). Attended “**Faculty Development Program**” organized by Bundelkhand University, Jhansi, U.P., Sept . 1-7, 2014.
- Shubhangi Nigam (2013). Attended “**Faculty Development Program**” organized by H. B.T.I Kanpur Dec. 19-24, 2013.

Extra Curricular Activities:

- ♦ Participated in “**Workshop on Preservation of Fruits and Vegetables**” held on **11-13 April, 2006** at Institute of Food Technology, Bundelkhand University, Jhansi, U.P.
- Participated in “**Workshop on Recent trends and future Prospects in Food Safety**” held on **15th October 2008** at Centre for Food Technology Jiwaji University Gwalior- M.P.

- **Oral Presentation** on “**Potential for Food Processing Industries in Uttar Pradesh**” held on **10th Dec 2005** organized by *Ministry of Food Processing Industries, Government of India, Department Horticulture and Food Processing (Govt. of U.P), and U.P State Horticultural Cooperative Marketing Federation at Institute of Food Technology, Bundelkhand University, Jhansi, U.P.*
- Participated in **TROIKA - National Seminar on Food Processing** hosted by Dept. of Food Technology, Bundelkhand University, Jhansi, U.P **Jan 2002.**
- **Poster Presentation** on “**Green Pea (Pisum sativum)**” on **10th Dec 2005** organized by *Ministry of Food Processing Industries, Government of India, Department Horticulture and Food Processing (Govt. of U.P), and U.P State Horticultural Cooperative Marketing Federation at Institute of Food Technology, Bundelkhand University, Jhansi, U.P.*
- Participated in **Poster on “Solid state fermentation”** on **18-19 Jan, 2002** at Institute of Food Technology, Bundelkhand University .

Area of Interest

- **Food & Nutrition, Cereal Technology, Processing of Food & Vegetables and Dairy Technology,**

Technologies Known:

- **Tecator Kjeltex System, Texture Analyzer, Atomic Absorption Spectrophotometer.**

Computer Skills:

- ◆ Working Knowledge of computer - Ms. Office, Internet

Industrial Exposure

- Completed one month in plant training at **Nav Bharat Bakery , Jhansi. U.P.**
- ◆ One week plant training at Parag at Oria. U.P.

Mini Research:

- Mini Research on “**Detailed analysis of product (Easy Sunday, Cassata, Cherry Merry, Choco-Cream)**” from Vadilal industries LTD. Bareilly-243502 .

Research Publications:

- Archana, Dheer Singh, Shubhangi Nigam, Jyoti Bala (2014). “**Development of Whey Based Cookies**” oral presentation in International Conference on: New Approaches security & Value Addition: Technology & Genetic Option NAFSVA-2014 organized by R. B.S Engg College Agra. Feb – 17-19, 2014.

- Jyoti Bala, Dheer Singh, Shubhangi Nigam, Archana (2014). ***“Incorporation of Butter milk in bread”*** oral presentation in International Conference on: New Approaches security & Value Addition: Technology & Genetic Option NAFSVA-2014 organized by R. B.S Engg College Agra., Feb – 17-19, 2014.
- Shubhangi Nigam Dheer Singh, Archana, Jyoti Bala (2014). ***“Development of Diabetic Papaya Jelly”*** oral presentation in International Conference on: New Approaches security & Value Addition: Technology & Genetic Option NAFSVA-2014 organized by R. B.S Engg College Agra., Feb – 17-19, 2014.
- Shubhangi Nigam Dheer Singh, Archana (2014). ***“Development of cake from finger milletes”*** oral presentation in National Conference on: Current scenario and future trends in biotechnology (Bio-futurity- 2014) organized by Department of Biotechnology Engg. IET, BU Jhansi, March 26-27-2014.
- Shubhangi Nigam Dheer Singh, Archana ,Brajendra shukla (2014). ***“ Study Of Medicinal Properties Of Different Alkaloids Presented In Different Parts Of Moringa Oleifera ”*** paper accepted in National Conference on: Current scenario and future trends in biotechnology (Bio-futurity- 2014) organized by Department of Biotechnology Engg. IET, BU Jhansi, March 26-27-2014.
- Archana, Dheer Singh, Shubhangi. Nigam (2014). ***“Development of traditional fermented foods through biotechnology”*** oral presentation in National Conference on: Current scenario and future trends in biotechnology (Bio-futurity-2014) organized by Department of Biotechnology Engg. IET, BU Jhansi, March 26-27-2014.
- Archana, Dheer Singh, Shubhangi. Nigam (2014). ***“Bacteriocin: safe natural, anti- microbial for food preservation”*** oral presentation in National Conference on: Current scenario and future trends in biotechnology (Bio-futurity- 2014) organized by Department of Biotechnology Engg. IET, BU Jhansi, March 26-27-2014.
- Shubhangi Nigam, Dheer Singh, Archana and Pooja Kakkarn (2014) ***“Physico-Chemical Characteristics of Diabetic Papaya Jelly”*** oral presentation on: A International interactive seminar Food Processing Industry : New Entrepreneurial Opportunity With Sustainable Business Patterns Special Focus on Basics To Bakery Modernization organized by Institute of Food Technology, Bundelkhand University Jhansi, July 7-8, 2014.
- Shubhangi Nigam , Dheer Singh and D. K. Bhatt (2014) ***“Utilization of Finger Millets As Valuable Food Ingredient in Cake”*** abstract accepted on : A International interactive seminar Food Processing Industry : New Entrepreneurial

- Opportunity With Sustainable Business Patterns Special Focus on Basics To Bakery Modernization organized by Institute of Food Technology, Bundelkhand University Jhansi July 7-8, 2014.
- Archana, Jyoti Bala, Shubhangi Nigam (2014) “**Advance Preservation Methods and Nutrient Retention in Fruits and Vegetables**” abstract accepted on: A International interactive seminar Food Processing Industry : New Entrepreneurial Opportunity With Sustainable Business Patterns Special Focus on Basics To Bakery Modernization organized by Institute of Food Technology, Bundelkhand University Jhansi, July 7-8, 2014.
 - Jyoti Bala, Archana, Shubhangi Nigam (2014) “**Process Development of Apple Butter and Its Sensory Analysis**” abstract accepted on: A International interactive seminar Food Processing Industry : New Entrepreneurial Opportunity With Sustainable Business Patterns Special Focus on Basics To Bakery Modernization organized by Institute of Food Technology, Bundelkhand University Jhansi, July 7-8, 2014.
 - "kqHkkaxh fuxe ,oa /khj flag (2013-14) “**e/; dkyhu [kk] inkFkZ dk izkFkfed f”k{kk esa ;ksxnku**” paper published in defence science magazine. Pp 85-92 (22) .
 - Shubhangi Nigam, Dheer Singh (2011). “**Development of Watermelon Juice by Utilization of Mango Pulp**” oral presentation on A National Conference on Newer advances in Food Science & Technology (NAFSAT-2011) in P.G. Department of Food Technology, Faculty of Engineering & Technology R.B.S College, Bichpuri, Agra, March 05-06, 2011.
 - Shubhangi Nigam, Dheer Singh (2011). “**Nano Technology in food**” oral presentation on A National Conference on Current Scenario and Future Trends in Biotechnology in Department of Biotechnology Engineering, Institute of Engineering & Technology, Bundelkhand University , Jhansi 28-29 March 2011.
 - Shubhangi Nigam, Dheer Singh (2011). “**Development of Watermelon Seed Flour Biscuits & Its Shelf Life**” oral presentation on A National Conference on Changing Scenario of Food Science, Technology and Agricultural Product in Institute of Food Science & Technology, Bundelkhand University , Jhansi, 11-12 Nov 2011.
 - Shubhangi Nigam, Dheer Singh, Neha Chaudhary (2009). “**Effect of Barley Flour on the Texture Profile of Bread**” accepted in XX Indian Convention of Food Scientists and Technologists (ICFOST-2009), in NIMHANS Convention Center, Bangalore, Karnataka, Dec 21- 23, 2009.

- Shubhangi Nigam and Dheer singh (2009). ***“Physico-chemical, sensory and nutritional characteristics of barley- white flour blends”*** accepted in Journal of Food Science and Technology (Under processing).
- Shubhangi Nigam, Dheer Singh, D K Bhatt (2008). ***“Study of the Texture Profile of Soy Fortified Bread”*** Abstract and paper presented in 6th International Food convention on New Challenges in Food Science and Technology Industrial Perspective. IFCON- 2008., Mysore, Dec 15-19, 2008.
- Shubhangi Nigam, Dheer Singh, D K Bhatt (2007). ***“Effect of Gluten Powder on the Texture Profile of Bread”*** Abstract and paper accepted in 19th Indian Convention of Food Scientists and Technologists health Foods, Organized by AFSTI, IIT Kharagpur. Dec. 31-2 Jan, 2007.
- Shubhangi Nigam and Abhilasha Jha (2006). ***“Scope for Women Entrepreneurs in Food Processing: Special Focus on Tomato”*** paper published in national conference on Scope, Opportunities & Challenges for Women Entrepreneurs in the Food Processing Industry, Organized by Veerangana Jhalkari Bai Center For Women’s Studies and Development, Bundelkhand University, Jhansi, U.P., March 26 – 27, 2006.
- Abhilasha Jha, D.K.Bhatt, Shubhangi Nigam (2006). ***Nutraceuticals and Functional Foods: Foods for Better Health”*** Published in Processed Food Industry (Communicated).
- Shubhangi Nigam, D K Bhatt and Abhilasha Jha (2006). ***“Different Products of Mango : The King of Fruits”*** Processed Food Industry (Communicated).
- Shubhangi Nigam and Dheer singh (2009). ***“Physico-chemical, sensory and nutritional characteristics of Defatted Soy flour- white flour blends”*** accepted in Recent Journal of Science and Technology (Under Processing).

Abstract:

- Shubhangi Nigam, Dheer Singh (2012) ***“Utilization Of Okara To Develop Healthy Noodles”*** paper accepted in International conference on ***FOOD INNOVATION ASIA CONFERENCE – 2012, BITEC Bangna Bangkok, Thailand***, to be held on **14-15 June 2012** at **Bangna Bangkok, Thailand**.
- Shubhangi Nigam, Neha Chaudhary (2012) ***“Utilization Of defatted rice bran to develop healthy biscuits”*** paper accepted in **3rd** International conference on Climate change and sustainable management of natural resources **TiMS-12**, ITM University, Gwalior , M.P.

- D K Bhatt, Shubhangi Nigam, Abhilasha Jha (2006). ***“Incorporation of Soy Flour and Tofu in the Pasta and Noodles”*** paper accepted in **ICFOST** in Hyderabad.
- Shubhangi Nigam, D. K. Bhatt , Dheer Singh(2006). ***“Development of Fortified bread”*** paper accepted in **ICFOST** in Hyderabad.
- Asha Jha, Shubhangi Nigam , D K Bhatt, Ashish Singh (2004). Paper published on ***“Optimization of Ingredients level and Processing Variables for Development of Protein-Enrich Sevian”*** **ICFOST** in Mysore.
- Shubhangi Nigam (2006). ***“ Soy Bread- A Nutritional Miracle”*** Paper accepted in National Conference on Scope, Opportunities & Challenges for Women Entrepreneurs in the Food Processing Industry, Organized by Veerangana Jhalkari Bai Center For Women’s Studies and Development, Bundelkhand University, Jhansi., March 26-27, 2006.
- Anil Nigam, Shubhangi Nigam (2006). ***“Challenges and Coping Strategies of Women Food Crops Entrepreneurs”*** paper accepted in National Conference on Scope. Opportunities & Challenges for Women Entrepreneurs in the Food Processing Industry, Organized by Veerangana Jhalkari Bai Center For Women’s Studies and Development, Bundelkhand University, Jhansi., March 26-27, 2006.
- Abhilasha Jha, D K Bhatt, Shubhangi Nigam (2007). ***“Changing status of women in present Society”*** Published in International Conference; Towards A New Global Village- Role of Women in the Transformation, Organized by Veerangana Jhalkari Bai Center For Women’s Studies and Development, Bundelkhand University, Jhansi, U.P., March 09-10, 2007.
- Abhilasha Jha, Shubhangi Nigam, Kiran Bhatt (2007). ***“ Economic Potential for Women in Small- Scale Fisheries”*** Published in International Conference: Towards A New Global Village- Role of women in the transformation, organized by Veerangana Jhalkari Bai Center For Women’s Studies and Development, Bundelkhand University, Jhansi, U.P., March 09-10, 2007.
- Shubhangi Nigam, D K Bhatt, Abhilasha Jha (2007). ***“The Role of Women in Healthy Nutrition”*** published in International Conference: Towards A New Global Village- Role of women in the transformation, organized by Veerangana Jhalkari Bai Center For Women’s Studies and Development, Bundelkhand University, Jhansi, U.P., March 09-10, 2007.
- Shubhangi Nigam and Abhilasha Jha (2007). ***“Role of Education in Developing Values in Youngsters”*** Published in workshop on “Need of Promotion of Human Values and Ethics, organized by Adult Continuing Education Extension and Field Outreach, Bundelkhand University, Jhansi, U.P., March 29, 2007.

- Shubhangi Nigam (2014) attended “*Internal Quality Audit Based on ISO 19011: 2011 for auditing of ISO 9001:2008 and its series of standards*” course successfully completed (April 21-22, 2014).
- Shubhangi Nigam (2014) attended “*GAP Audit ISO 9001-2008*” course completed (8-9 Aug., 2014).

List of students guided in B. Tech (Food Tech.) major project

S NO	ROLL NO	STUDENT NAME	MAJOR PROJECT (TOPIC)	SESSION
1	08237011	Brijesh K Chauhan	Development of Banana Beer	2008-12
2	08237045	Sanjay Kumar Yadav		2008-12
3	08237017	Hitashee Singh	Fortification of Pasta With Tulsi and Ginger	2008-12
4	08237024	Malkhan Singh Patel		2008-12
5	08237025	Maneesh Babu Niranjana		2008-12
6	08237030	Neelam Devi		2008-12
7	08237005	Amit Kumar	Quality of Soft Ice- Cream Prepared From Incorporation of Corn Milk	2008-12
9	08237014	Deepak Verma		2008-12
10	08237034	Praveen Kumar		2008-12
11	08237052	Saurabh Gangawar		2008-12
12	08237022	Khairul Moin Ansari	Evaluation of Maltodextrin Gel as a Replacement for Fat in a High Ratio Cake	2008-12
13	08237041	Ravi kumar		2008-12
14	08237026	Mohd. Shaquib		2008-12
16	08237036	Rahul Kumar Upadhyay		2008-12
17	08237006	Ankita Diwaker	Development of Banana Bread	2008-12
18	08237021	Kavita		2008-12

Shubhangi Nigam

		Sachan		
19	08237037	Rahul Swarnkar	Development of Biscuits From Jackfruit Seed Flour	2008-12
20	08237049	Sonakshi yadav		2008-12
21	08237007	Anurag Sagar	Production of wine (white)	2008-12
22	072370	Sudhendu Kr Awasthi	Texture Analysis of shrink wrapped papaya	2007-11
23	072370	Ritesh Kr Misshra		2007-11
24	07237005	Ashok mishra	Development of peanut Sauce	2007-11
25	07237034	Ravi Prakash Verma		2007-11
26	07237012	Jitendra Singh		2007-11
27	07237020	Narendra Kumar	Development of Process for Preparation of Mushroom pickle	2007-11
28	07237031	Rahul Kumar Gautam		2007-11
29	07237048	Surendra Kumar		2007-11
30	06237005	Anand Kumar	Optimization of Processing Parameters with Respect to some Quality Attributes Millet fortified Biscuits	2006-10
31	06237024	Mohan Lal		2006-10
32	06237029	Pradeep Singh		2006-10
33	05237010	Ankita Gupta	Development of Ginger Powder and Ginger Candy	2005-09
34	05237032	Shweata Bhati		2005-09
35	05237036	Tanvi Parashar		2005-09
36	05237003	Abhishek Singh		2005-09
37	04/TFT/18	Nitin Kumar	Development of Sugarless Jam	2004-08
38	04/TFT/12	Rahul Singh jadoun	Paneer prepared by blend having goat milk and soymilk	
39	04/TFT/06	Gyanendra kumar Mishra		
40	04/TFT/20	Rita Singh	Comparative study of herbs in pizza	2004-08
	04/TFT/05	Buddhi Prakash		2004-08

Shubhangi Nigam

		Singh		
41	10237005	Ankit Tiwari	Process Development of Buns By fortifying Aeglemarmelos Leaf Powder	2010-14
42	10237012	Neeraj Yadav	Process Development of Buns By fortifying Aeglemarmelos Leaf Powder	2010-14
43	10237017	Pradip Kumar	Process Development of Buns By fortifying Aeglemarmelos Leaf Powder	2010-14
44	10237020	Rahul Singh	Process Development of Buns By fortifying Aeglemarmelos Leaf Powder	2010-14
45	09237005	Geeta Verma	Development of Tomato Pasta	2009-13
46	09237040	Rajni Tiwari	Development of Tomato Pasta	2009-13
47	09237012	Brijendra Verma	Development of Tomato Pasta	2009-13
48	09237016	Dhanajay Kumar	Development of Tomato Pasta	2009-13
49	09237008	Anurag Tiwari	Whey protein Concentrate Enriched Biscuits	2009-13
50	09237018	Charanjeet Singh	Whey protein Concentrate Enriched Biscuits	2009-13
51	09237053	Shailesh Maurya	Whey protein Concentrate Enriched Biscuits	2009-13

Personal Profile:

Date of Birth	: 09 Jan 1981
Father's Name	: Mr. P. C. Nigam (C.O, B.S.N.L, LMP)
Mother's Name	: Mrs. Mohini Nigam
Gender	: Female
Nationality	: Indian
Marital Status	: Married
Languages Known	: English & Hindi
Hobbies	: Singing , Dancing
Category	: General

Reference:

- (1) Dr. Dheer Singh
Dean Engg.& Professor
Institute of Food Technology
Bundelkhand University
Jhansi (U.P.)

(2) Dr. D. K. Bhatt
Sr. Lecturer
Institute of Food Technology
Bundelkhand University
Jhansi (U.P.)

Declaration:

I here by confirm that all the information provided is true to the best of my knowledge and belief.

Date:

Place: Jhansi

(Shubhangi Nigam)

