

## Faculty of Environmental and Bio Sciences & Technology

### Department of Food Technology

#### List of Ph.D. Completed Research Scholars

<i>SR. NO.</i>	<i>NAME OF RESEARCH SCHOLAR</i>	<i>FATHER'S NAME</i>	<i>REGN. NO.</i>	<i>NAME OF THE SUPERVISOR/ CO-SUPERVISOR</i>	<i>TOPIC</i>	<i>DATE OF AWARD OF DEGREE</i>
1.	Ms. Meenakshi Singh	Sh. Randhir Singh	9909901	Dr. B.S. Khatkar	Technological Characterization Of Indian Wheats For End Use Quality.	17.09.2002
2.	Sh. Nartaj Singh	Sh. Harbachan Singh	02-08-9-01	Dr. B.S. Khatkar AND Prof. Randhir Singh, CCS, HAU, Hisar	Isolation And Characterisation Of Wheat Gluten Proteins	05.10.2007
3.	Sh. Krishan Kumar	Sh. Ram Diya	0108901	Dr. Aradhita B. Ray	Development And Nutritional Evaluation Of Mushroom Based Foods	12.08.2008
4.	Sh. Baljeet Singh Yadav	Sh. Karan Singh Yadav	03-08-9-03	Dr. Alka Sharma	A Study On The Effects Of Different Processing Treatments And Storage Conditions On The Resistant Starch Content Of Foods	24.06.2008
5.	Ms. Bhawana Sharma	Sh. R.C. Sharma	0408902	Dr. B.S Khatkar	Studies On The Use Of Edible Coatings To Extend The Shelf Life Of Fresh Fruits And Vegetables	24.06.2008

6.	Ms. Ritika	Sh. Sukhdev Singh	03-08-9-02	Prof. B.S. Khatkar	Isolation And Characterization Of Rice Starch And Proteins	05.03.2008
7.	Ms. Neelam	Sh. Dharm Pal	03-08-9-01	Dr. B. S. Khatkar	Development And Evaluation Of Nutraceutical Bakery Products	07.11.2009
8.	Ms. Valentina Singh	Sh. Phool Singh	0508904	Dr. Aradhita B. Ray	Application Of Microwave Technology In The Development Of Restructured Fish Products	25.01.2011
9.	Ms. Navnidhi	Sh. Dharmpal Singh	0508902	Dr. B. S. Khatkar / Dr. Namita Singh	Molecular and Functional characterization of Wheat Varieties for Flat Bread (Chapatti) Quality	10.03.2011
10.	Ms. Mamta	Sh. Radhe Shyam	0408901	Dr. Alka Sharma	Studies On The Antimicrobial Properties Of Some Common Indian Spices For The Preservation Of Fruits And Vegetables	27.09.2011
11.	Mr. Anil Panghal	Sh. Ranbir Singh	0508901	Dr. B. S. Khatkar / Dr. Vinod Chhokar	Molecular And Physicochemical Basis Of Biscuit Making Quality Of Commercial Wheat Varieties	19.02.2013
12	Mr. Deepak	Sh. Satya Narayan	10089003	Prof. B. S Khatkar	Process Optimization And Characterization Of Partially Hydrolyzed Guar Gum As A Source Of Dietary Fiber	21.11.2013

13	Ms. Vandana Chaudhary	Sh. Manphul Singh Dhaka	10089001	Prof. B.S Khatkar	Isolation And Characterization Of Wheat Glutenins In Relation To Bread Quality	21.11.2013
14	Ms.Sumita	Sh. Kuldeep Singh	07-08-9-02	Dr. Alka Sharma	Studies on extraction, Purification, Stability and food applications of natural color extracts	21.01.2014
15.	Mr. Kulveer Singh Ahlawat	Sh. Jai Narain	0708901	Prof. B.S. Khatkar	Studies on Physico- Chemical Properties, Stabilization and Food Applications of Aloe Vera Gel	31.03.2014
16	Ms. Ritu Yadav	Sh. Jai Pal Yadav	0508903	Dr. Aradhita Roy/ Dr. B.S. Khatkar	Studies On Minimal Processing And Preservation Of Fruits And Vegetables By Active Packaging	13.10.2014
17	Ms. Sheweta Barak	Sh. Dharam pal Barak	10089004	Dr. B.S.Khatkar	Biochemical Characterization of Gliadines of Indian Wheat Varieties	13.10.2014
18	Ms. Neelam Gulia	Sh. Phul Kumar	10089005	Dr. B.S.Khatkar	Biochemical Characterization and Functional properties of Wheat Varieties in Relation to Instant Noodle Quality	17.04.2015
19	Ms. Manju	Sh. Sugriv Kumar	07-08-9-03	Dr. Alka Sharma	Efficacy of natural antioxidants of plant origin on shelf life of oils	18.07.2016
20	Ms. Priyanka Kajla	Sh. Omparkas Kajla	11089003	Dr. Alka Sharma	Nutritional Assessment Processing and Utilization of Flaxseed	18.07.2016

21	Ms. Parveen Kumari	Sh. Ishwar Singh	1089006	Dr. B.S.Khatkar	Phytochemical Characterisation and Food Applications of <i>Emblica officinalis</i> (AONLA)	18.07.2016
22	Ms. Indu Bharti	Sh. Ashok Bharti	10089007	Dr. Aradhita B.Ray	Development of Natural Biopolymer Films and Its Application on Quality Enhancement of cut Fruits and Vegetables	16.05.2017
23	Ms. Nisha Chaudhary	Sh. Ram Pratap Chaudhary	13089002	Dr.B. S. Khatkar/ Dr. Subhash Kajla	Microstructural, Thermoanalytical and Functional Assessment of Wheat Storage Prolamins	09.03.2018
24	Ms. Ritu	Sh. Bijender Singh	15089005	Dr. B. S. Khatkar	Isolation, Characterization and food applications of pseudocereal starch	19.03.2018
25	Mr. Manish Kumar	Sh. Mahender Singh	13089003	Dr. Aradhita B.Ray	Development of Ohmic Heating System and Its Application For Processing of Selected Fruits and Fruit Products	14.05.2018
26	Ms. Priya Dangi	Sh. Krishan Kumar Dangi	15089001	Dr. B. S. Khatkar	Isolation and Functionality Testing of Low Molecular Weight Glutenin Subunits of Indian Wheat	14.05.2018

27	Ms.Kiran Bala	Sh. Ram Pratap Nain	13089001	Dr. Aradhita B.Ray	Extraction and quantification of flavonoids from phalsa ( <i>Grewia asiatica</i> )	29.01.2019
28	Ms. Amita Devi	Sh. Vedpal	15089002	Dr. B. S. Khatkar	Characterization and Functionality of Fats/Oils In Relation To Quality of Cookies	18.02.2019
29	Ms. Manju Rani	Sh. Krishan Kumar	11089002	Dr. B. S. Khatkar	Assessment of Flour Constituents of Diverse Wheat Cultivars For Flat Bread (Chapatti) Quality	18.02.2020
30	Ms. Manisha Sharma	Sh. Harish Chander Sharma	16089003	Dr. B.S. Khatkar	Molecular and Biochemical studies for the synthesis of prebiotics from selected bioresources	03.02.2022
31	Ms. Aastha Dewan	Sh. Rajesh Kumar Dewan	180080090004	Prof. B.S. Khatkar	Isolation and functional characterization of wheat polymeric proteins in relation to noodle quality	25.05.2023