

Profile

1. Name : Prof. SAMSHER
2. Designation : Professor (Agri. Engg. & Food Technology)
3. Date of Joining : 26.08.2003 (Professor)
4. Mailing Address: Dept. of Agricultural Engg. & Food Technology
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5. Date of Birth : 23-06-1960
6. Educational Qualifications : M.Tech. (Process & Food Engg.) from GBPUA&T, Pantnagar
7. Area of Specialization : Processing of food grains, fruits and vegetables

8. Total Professional Experience: 25 years

- Professor (26-08-2003 to Till date at SVPUA&T, Meerut)
- Reader (26-02-1997 to 25-08-25-08-2003 at AMU, Aligarh)
- Jr. Research Officer (15-02-1988 to 25-02-1997 at GBPUA&T, Pantnagar)
- Research Associate (25-06-1987 to 14-02-1988 at GBPUA&T, Pantnagar)

9. Administrative and Other Experience

- Director, Agriculture Experiment Station, SVP University, Meerut (18-11-2011 to 29-05-2012)
- Joint Director Research, SVP University, Meerut (20-12-2010 to 31-05-2012)
- Head of Department (Agric. Engg. & Food Technology), SVPUA&T, Meerut (2003-2008).
- Nodal Officer (2008-till date)
 - ✓ College of Technology
 - ✓ College of Post Harvest Technology & Food processing
- Pool Officer, SVPUA&T, Meerut (2005-2006)
- Member of Academic Council (2003-2012)
- Member of CPC (2012-13)

10. Overseas Experience

- Cornell University, Ithaca, USA w.e.f. 6th July to 14th July, 2011 to attend the Food & Agribusiness Management Program.
- Cornell University, Ithaca, USA and The University of Georgia USA w.e.f. 14th July to 6th August, 2011 to prepare a draft report on Reformed Curriculum in Emerging Areas of Agri. & Rural Development (Food Science & Tech.) under USAID supported AIP project.
- Bangkok (Thailand) to attend workshop on Applications of Nanotechnology in the Food Industry w.e.f. 15th June to 19th June, 2009.

11. External funded Research Projects handled at SVPUA&T, Meerut

Name of the Project	PI/Co-PI	Funding agency	Year	Amount (Rs. Lakh)	Status
Mechanization of Experimental Plots	PI	ICAR, New Delhi	2003-04	32.50	completed
Establishment of Model Agro-Processing System for Horticultural Produce	PI	ICAR, New Delhi	2007-08	50.00	completed
Accelerating the adoption of conservation of agriculture technologies for their farm level impact in western Uttar Pradesh	Co-PI	UPCST, Lucknow	2007-08	03.72	completed
Development and Adoption of Onion Storage structures for Western Uttar Pradesh	PI	UPCAR	2008-09	80.00	On going
Agricultural Innovation Partnership (AIP)	Co-PI	USAID	2011-12	50.00	On going

12. Establishment of laboratory at SVPUA &T, Meerut

- Food Processing Unit under Experiential Learning Scheme of ICAR
- Process and Food Engineering lab (UG)
- Food Analysis Laboratory (PG research lab) under Project
- Bakery Laboratory

13. Course Programs devised at SVPUA&T

- M.Tech (Agric. Process and Food Engg) - Started in 2004-05
- Ph.D (Agric. Process and Food Engg) - Started in 2004-05
- B.Tech (Food Science & Technology) - Proposed
- Diploma in Fruit and Vegetable Processing - Proposed
- Diploma in Bakery Technology - Proposed
- Diploma in Food Processing - Proposed
- Vocational Courses - Proposed

14. Awards /Honours/Medals:

- *Fellowship Award-2003* Conferred by “Bioved Research Society” Allahabad India.
- *B.P. Gupt Medal – 2005* Conferred by “Bioved Research Society” Meerut India.
- *Fellowship Award-2006* Conferred by “Society for Recent development in Agriculture” Meerut India.
- *Scientist of the Year Award-2008* Conferred by “Society for Scientific development in Agriculture and Technology” Meerut India.
- *Fellowship Award–2009* Conferred by “HI-TECH HORTICULTURAL SOCIETY” Meerut India.

15. Membership of Professional Societies

- Indian Society of Agricultural Engineering, New Delhi, India
- Association of Food Scientists and Technologists, CFTRI, Mysore India
- Indian Society for Technical Education, New Delhi, India
- Mushrooms Society of India, Solan, H.P.
- Indian Science Congress Association
- Progressive Agriculture, SVBPUA&T, Meerut
- Bio-ved Research Society, Allahabad
- Hind-Agro Horticultural Society, Muzzafarnagar (UP)
- Hi- Tech Horticultural Society, Meerut

16. Supervisor for Thesis / Dissertation of P.G. Student’s

PG Programs	Degree Completed	Under Supervision
M.Tech.	21	02
Ph.D	09	01

17. Courses Taught

UG Courses (B.Tech/B.Sc. Ag.)	PG Courses (M.Tech/Ph.D)
Storage Engineering	Advanced Food Processing
Advanced Seed Processing	Food Engineering-I
Engineering Properties of Biological materials	Food Engineering-II
Refrigeration and Air Conditioning	Quality Standards and Regulations
Dairy and Food Engineering	Food Biotechnology
Drying and Dehydration	Food Processing
Post Harvest Management & Processing of Fruits and Vegetables	Fruit and Vegetable Processing
Human Food and Nutrition	Report Writing and Seminar
Principles of Food Processing	Packaging and Handling of foods
Experiential learning	Drying and Dehydration
	Food Beverages
	Food Microbiology
	Advances in Food Processing
	Agricultural waste and by products utilization
	Advances in drying of food materials
	Advanced Food Process Engineering
	M.Tech. & Ph.D Seminar

18. National Training/ Short Courses/Summer & Winter school Attended

Sl. No.	Particulars of Training/Course	Duration	Year	Institute/University
1	Bioconversion Processing	Feb. 13-18	1989	GBPUA&T, Pantnagar
2	Operation and Management of Dhal Mills	May, 23-26	1990	GBPUA&T, Pantnagar
3	Advances in Liquid Food Processing	June 06-30	1994	GBPUA&T, Pantnagar
4	Modelling on CA/MA storage of Fruits and Vegetables	July 22-Aug 11	1995	GBPUA&T, Pantnagar
5	Advances in Thermal Processing of Fruits and Vegetables	July 17- Aug 05	1996	Food Sciences & Tech. Pantnagar
6	Processing and Storage of Oilseeds and Products for Food uses	May 6- June15	1998	CIAE, Bhopal
7	IPR Orientation Programme	March 06	2007	SVBPUAT, Meerut
8	Workshop cum Training on Cold Chain Issues	March 05-07	2008	US-India AKI, USTDA and IARW, New Delhi
9	Agricultural Innovation Partnership (Curriculum Development Strategy Consultation Priority Setting and Strategy Initiative)	April 2-4	2011	BHU, Varanasi
10	Food & Agri-Business Management Program	June, 20-24	2011	Mahabalipuram, Chennai
11.	Food & Agri-Business Management Program	July, 07-13	2011	USA

19. Organization of Training

- ✓ USAID Supported Agricultural Innovation Partnership Training for Bakery processor (November 06-08, 2012)
- ✓ USAID Supported Agricultural Innovation Partnership Training for Fruit and Vegetable Processors (December 22-24, 2012)

20. Publications

- ✓ Practical Manuals /Books Published/Bulletin: 05
- ✓ Research Papers: 45
- ✓ Lead Papers: 07
- ✓ Popular Articles : 12
- ✓ Abstracts: 175

21. Top 5 Research Papers

1. S. K., Goyal, **Samsher** and R. K. Goyal (2010). **Setvia (*Stevia rebaudiana*) a bio-sweetener – A Review**. Inter. J. of Food Sciences and Nutrition (U.K.) 61(1): 1-10. (NAAS: 2007, S.No. 818, JID (I123), Rating 7.8).
2. Suresh Chandra and **Samsher** (2006). *Dehydration and sensory quality evaluation of edible mushroom-A critical review*. J. Food Sci. Technol. Vol. 43(3): 221-227. (NAAS: 2007, S. No. – 1000, JID (J146), Rating – 7.2).
3. **Samsher** and Maharaj Narain. 1989. 'Fissuring and milling behaviour of paddy as influenced by drying air temperature'. Journal of Institution of Engineers (India), Vol 69, (Part Ag-2), P 66-72. (NAAS: 2007, S. No. – 1037, JID (J184), Rating – 3.0).
4. **Samsher** and Mahajan Narain. 1994. 'Drying behaviour of remoistened paddy in thin beds". Journal of Institution of Engineers (India), Vol 75, P 41-44. (NAAS: 2007, S. No. – 1037, JID (J184), Rating – 3.0).
5. **Samsher** and Suresh Chandra (2006). Effect of spices and condiments on sensory quality attributes of different types of pickles made from chicory. Prog. Agric. 6 (2): 146-150. (NAAS 2007: S.No. 1410, JID (P100), Rating 2.0).