

CURRICULUM VITAE

Name: Dr. Pukhraj Meena

Father's Name: Suwalal Meena

Date of Birth: January 15th, 1988

Language known: English & Hindi

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(Rajasthan)- 304023 (India)



Career Objective:

“To seek a challenging position with an organization that has the vision and for development & growth and create an opportunity to become a value added person”.

Area of Interest:

1. New Product Development including Extruded & Dried Food Products.
2. Biosensor Development for Real Sample Analysis Technology.
3. Enzyme and Microbial Technology including Food Safety & Management.

Educational Qualifications:

Examination Degree	Board/University	Subject/Specialization	Year of Passing	Division/ Marks (%)
Ph.D.	B.H.U, Varanasi (U.P.)	Food Science & Technology	2018	76.60%
NET	CBSE-UGC, New Delhi	Home Science	2016	Qualified
M.Sc.	B.H.U, Varanasi (U.P.)	Food Science & Technology	2011	71.60%
B.Tech.	M.P.U.A.&T, Udaipur	Food Technology	2009	56.80%
PG Diploma	I.G.N.O.U, New Delhi	Rural Development	2014	62.54%
Diploma	S.T.E, Govt. of U.P	Computer Application	2010	72.50%
XII th	R.B.S.E, Ajmer (Raj.)	Science-Maths	2005	48.00%
X th	R.B.S.E, Ajmer (Raj.)	All Subjects	2003	67.83%

Employment Records:

Name of Employer	Post Held	Experience in Years	Nature of Work
College of Food Technology, Diwanmala (Laling), Dhule (Maharashtra) (Affiliated to M.P.K.V., Rahori & MCAER, Pune)	Principal	08/04/2017 to till date	Regular
College of Dairy & Food Science Technology, M.P.U.A.&T, Udaipur (Rajasthan)	Guest Lecturer (Dairy & Food Technology)	24/07/2013 to 31/12/2013	Ad-hoc

Project Undertaken (04):

1. Ph.D. Thesis entitled “Development of an Amperometric Biosensor against Caffeine over Concentration range” under supervision of Dr. Arvind, Assistant Professor, Centre of Food Science & Technology, Institute of Agricultural Sciences, B.H.U, Varanasi (U.P.) India.
2. M.Sc. Thesis entitled “Statistical Optimization of Alkaline Protease Production by using Taguchi D.O.E Methodology in Solid State Fermentation” under supervision of Dr. A.D.Tripathi, Assistant Professor, Centre of Food Science & Technology, Institute of Agricultural Sciences, B.H.U, Varanasi (U.P.) India.
3. Project on Freezing & Storage of Fruits & Vegetables, Mother Dairy- Fruits & Vegetables Unit (SAFAL), New Delhi (India).
4. Project on Production & Quality of Dairy Products, Dehli Milk Scheme (DMS), Govt. of India, New Delhi (India).

Research Publications (International- 09):

1. **Meena, Pukhraj** (2018). Development of amperometric biosensor against caffeine in solution over a concentration range. *The Pharma Innovation*, **7**(10): 253-258. (UGC Journal No. - 46096, NAAS Rating: 5.03).
2. **Meena, Pukhraj** (2018). Application of Gold Screen Printed Electrode (GSPE) based Caffeine biosensor for real sample analysis. *The Pharma Innovation*, **7**(10): 249-252. (UGC Journal No. - 46096, NAAS Rating: 5.03).
3. **Meena, Pukhraj**, Arvind and Tripathi, A.D. (2017). Fundamental and application of various types of biosensors in food analysis. *International Journal of Current Microbiology and Applied Sciences*, **6**(4): 576-585. (NAAS Rating: 5.38).
4. **Meena, Pukhraj** (2017). Development of various functional food components in health aspects. *The Pharma Innovation*, **6**(7): 265-270. (UGC Journal No. - 46096, NAAS Rating: 5.03).

5. **Meena, Pukhraj** and Raj, Indra (2017). Chemical and microbial analysis of Guava based Papaya fruit cheese. *The Pharma Innovation*, **6(7)**: 278-285. (UGC Journal No. - 46096, NAAS Rating: 5.03).
6. **Meena, Pukhraj** and Raj, Indra (2017). Sensory evaluation and estimate the cost of production of Guava based Papaya fruit cheese. *The Pharma Innovation*, **6(7)**: 254-259. (UGC Journal No. - 46096, NAAS Rating: 5.03).
7. **Meena, Pukhraj** and Rai, Alok Kumar (2017). Biochemical analysis of PGPR and its effect on chlorophyll ascorbic acid, starch & total polyphenolic content (TPC) of different varieties of wheat (*Triticum aestivum*). *The Pharma Innovation*, **6(7)**: 310-321. (UGC Journal No. - 46096, NAAS Rating: 5.03).
8. **Meena, Pukhraj** and Rai, Alok Kumar (2017). Effect of PGPR on morphological properties of different varieties of wheat (*Triticum aestivum*). *The Pharma Innovation*, **6(7)**: 271-277. (UGC Journal No. - 46096, NAAS Rating: 5.03).
9. **Meena, Pukhraj**, Tripathi, A.D., Srivastava, A.K. and Jha, A. (2013). Utilization of agro-industrial waste (Wheat bran) for alkaline protease production by *Pseudomonas aeruginosa* in SSF using Taguchi (DOE) methodology. *Biocatalysis and Agricultural Biotechnology*, Elsevier, **2**: 210-216. (Impact factor: 1.96).

Book Chapters (04):

1. **Meena, Pukhraj** Arvind & Tripathi, A.D. (2018). Recovery of Phenolic Compounds from Agro-Food By-Products Using by Membrane Technologies. *New Delhi Publishers, New Delhi (India)*, ISBN No. - 978-93-86453-09-9, 65-70.
2. **Meena, Pukhraj** (2017). Socio-economic Implications of Rural Unorganized Retailers in India. Sustainable management of environment for livelihoods security through skill development for smart agriculture. *Kushal Publication and Distribution, Varanasi (India)*, ISBN No. - 978-81-936682-0-7, 152-161.
3. **Meena, Pukhraj**, Arvind & Tripathi, A.D. (2017). Application of various separation equipments in food & agro-industrial sectors. *Nutraceuticals & Food Processing Technology. Bharti Publications, New Delhi (India)*, ISBN No. - 978-81-933172-0-4, 154-157.
4. **Meena, Pukhraj**, Arvind, Tripathi, A.D. and Meena, M.K. (2017). Climate Change and Food Security: Risks and Responses. Climate Change and its Implication on Crop Production and Food Security. *Mahima Publication and Distribution, Varanasi (India)*, ISBN No. - 978-81-926935-5-2, 112-114.

Paper/Poster Presentation in Various National/ International Conferences/Seminars (06):

1. **Meena, Pukhraj**, Arvind & Tripathi, A.D. (2017). Recovering of Phenolic compound from agro-food by-products using by membrane technologies. *International Conference on Sustainable Natural Resource Management: from Science to Practice (SNRMSP)*, Organized by Department of Farm Engineering, BHU, Varanasi.

2. **Meena, Pukhraj** (2016). Development of Laccase Biosensor against Caffeine over concentration range. *International Conference on Recent Advances in Food Processing and Biotechnology*, Organized by Centre of Food science & Technology, BHU, Varanasi (India). (IJCN: ISSN- 0971-9210).
3. **Meena, Pukhraj**, Arvind & Tripathi, A.D. (2016). Entrepreneurship issues for Promoting Dairy & Food Industry in India. *National Seminar on Problems of Food and Nutritional Security: Planning and Strategy*, Organized by Department of Economics, Mahatma Gandhi Kashi Vidyapeeth, Varanasi (India).
4. **Meena, Pukhraj**, Arvind & Tripathi, A.D. (2016). Alternative Milk Quality Assurance & Regulations & Improvement. *National Seminar on Problems of Food and Nutritional Security: Planning and Strategy*, Organized by Department of Economics, Mahatma Gandhi Kashi Vidyapeeth, Varanasi (India).
5. **Meena, Pukhraj** (2016). Socio-economic Implications of Rural Unorganized Retailers in India. *National Seminar on Sustainable Management of Environment for Livelihoods Security through Skill Development for Smart Agriculture (NSSMESA)*, Organized by Faculty of Agriculture, UP College, Varanasi (India).
6. **Meena, Pukhraj** (2011). Probiotic Flavoured Yoghurt. *National National Seminar on Recent Advances in the Development of Fermented Foods*, Organized by Centre of Food Science & Technology, BHU, Varanasi (India).

Participation in Various National/ International Conferences/Seminars/Workshops (15):

1. Certification for Participated in *International Webinar on Food Laws and the Requirements of Food Testing in India*; Department of Food Technology, AKS University, Satna (M.P) India (July 08, 2020).
2. Certification for Participated in *International Conference on Sustainable Natural Resource Management: from Science to Practice (SNRMSP)*; Indian Society of Agricultural Engineers (ISAE), Department of Farm Engineering, BHU, Varanasi (India) (Jan. 12-13, 2017).
3. Certification for Participated in *International Conference on Climate Change and its Implications on Crop Production and Food Security (ICCCICPFS)*; Mahima Research Foundation and Social Welfare & BHU, Varanasi (U.P.) (Nov. 12-13, 2016).
4. Certification for Participated in *International Conference on Recent Advances in Food Processing and Biotechnology (ICRAFBP-2016)*; CFST, BHU, Varanasi (April 05-06, 2016).
5. Certification for Participated in *International Conference on Managing Sustainable Development of Rural Economy & Agri-business (ICONBHUII)*; BHU, Varanasi (India) (Jan. 21-23, 2011).
6. Certification for Participated in *International Conference on Food Technology-Edi-II "Greening Food Processing Sector for Sustainable Safe Food Supply (INCOFTECH)"*; Indian Institute of Crop Processing Technology (IICPT), MoFPI, Govt. of India (Oct. 30-31, 2010).

7. Certification for Participated in *International Conference on Strategic Management of Energy, Environment & Disaster for Sustainable Development (ICONSMEEDS)*; BHU, Varanasi (India) (Jan. 11-15, 2010).
8. Certification for Participated in *National Seminar on Sustainable Management of Environment for Livelihoods Security through Skill Development for Smart Agriculture (NSSMESA-2016)*; U.P College, Varanasi (India) (Nov. 28-29, 2016).
9. Certification for Participated in *National Conference on Nutritional, Functional and Safety Challenges of Food and Health Issues in the Current Scenario*; SHIATS, Allahabad, U.P (India) (Oct. 06-07, 2016).
10. Certification for Participated in *National Seminar on Problems of Food and Nutritional Security: Planning and Strategy*; Indian Council Social Science Research (ICSSR), New Delhi (India) & Department of Economics, Mahatma Gandhi Kashi Vidyapeeth, Varanasi (U.P.) (July 30-31, 2016).
11. Certification for Participated in *National Seminar on Recent Advances in the Development of Fermented Foods*; CFST, BHU, Varanasi (India) (April 08-09, 2011).
12. Certification for Participated in *National Workshop on Packaging of Fresh and Processed Foods*; Indian Institute of Packaging, New Delhi, MoFPI, Govt. of India (Feb. 03, 2017).
13. Certificate for Participated in *National Workshop on Roots of Subaltern Existence: Working on Fiction to Fact*; DASC (UGC's Sponsored), DAV, PG College, Varanasi (Dec. 21, 2010).
14. Certification for Participated in *Workshop on Career Prospects in Food Processing*; NIFTEM, IICPT & BHU, Varanasi (India) (Oct. 11, 2010).
15. Certification for Participated in *SAARC Workshop on Biodiversity Conservation*; BHU, Varanasi (India) (Sept. 21-22, 2010).

Membership in Various Reputed Associations (09):

1. Associate Editor of International Journal of Food Science and Nutrition, New Delhi (India). (ISSN: 2455-4898, Impact Factor: RJIF 5.14).
2. Editor of Editorial Board, Journal of Current Research in Food Science (Ref. JCRFS/LM/5).
3. Associate Editor of International Journal of Food Science and Nutrition, New Delhi (India). (ISSN: 2455-4898, Impact Factor: RJIF 5.14).
4. Member of Editorial Board, International Journal of Obesity and Nutritional Science (IJONS), Madridge Publishers, USA.
5. Member of Editorial Board, Journal of Nutrition and Health, USA. (IJONS), Avens. Publishing Group LLC, USA. (ISSN: 2469-4185, Index Copernicus Value: 84.85).
6. Member of Editorial Board, Food and Agriculture Spectrum, Pune (Maharashtra) India.
7. International Food Safety & Quality Network, Lancashire (U.K).
8. Association of Food Scientists & Technologists (India) (AFSTI), CSIR-CFTRI, Mysuru.
9. Indian Dairy Association (IDA), New Delhi (India).

Training/ Courses in Various Reputed Organizations (07):

1. 1st Division 100 Days Training on Food Processing Entrepreneurship Development under Department of Horticulture, Govt. of Uttar Pradesh (India) (July 20, 2010- Oct. 27, 2010).
2. 1st Division 01 Month Training on Cookery under Department of Horticulture, Govt. of Uttar Pradesh (India) (Dec. 26, 2018- Jan. 25, 2019).
3. 46 Days Training on Entrepreneurship Development Programme on Biotech (EDPB), Ministry of Micro, Small & Medium Enterprises (M.S.M.E), Govt. of India (Jan. 20- March 07, 2011).
4. 06 Months In-Plant Training at Mother Dairy- Fruits & Vegetables Unit (SAFAL), New Delhi (India) (Jan. 09- July 08, 2009).
5. 53 Days In-Plant Training at Delhi Milk Scheme (DMS), Govt. of India, New Delhi (India) (May 07, 2010- June 29, 2010).
6. 42 Days Course on Functional Foods: Concept, Technology and Health Benefits from agMOOCs, IIT, Kanpur & the Commonwealth of Learning (C.O.L), Canada (Oct. 08- Nov. 19, 2018).
7. 45 Days Course on LifeSkills for Engineers (Level-II) from agMOOCs, Supported by Commonwealth Educational Media Centre for Asia & University of Hyderabad (Nov. 06- Dec. 20, 2018).

Academic Awards: National Eligibility Test (NET) & UGC Research Fellowship (For Ph.D.).

Strengths: Administration, Teaching, Advising and Mentoring.

Other Extra-curricular activities:

1. Certificate from State Blood Transfusion Council (SBTC), Govt. of Maharashtra for Blood Donation in General Hospital, Dhule (Maharashtra) (UID No.- MH-18-A-37445).
2. Certification for Participated in 10 Days University **National Service Scheme (N.S.S.)**.
3. Certification for Participated in **Biotechnology Quiz**, Organized by Institute of Transgene Life Sciences, Lucknow (Affiliated Partner: Regional Food Research & Analysis Centre) under Department of Horticulture & Food Processing, Govt. of U.P (India) in Dec, 2018.
4. Certification for Participated in **National Level Essay Competition**, Organized by Competition Commission of India (C.C.I.) under Govt. of India in April, 2011.
5. Certification for participated in **Essay- Hindi Diwas**, Organized by University Student Council, BHU, Varanasi (India) in 2010.
6. Selected for Prize in **Essay Writing Competition**, Organized by Rajasthan Non-Renewable Energy Nigam Limited, Jaipur, Rajasthan (India) in 2008.

References:**1. Dr. N.S.Rathore**

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2. Dr. Arvind

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3. Dr. A. D. Tripathi

Assistant Professor & Supervisor (PG Level)

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Declaration:

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



(Dr. Pukhraj Meena)
Signature of Candidate