

## CURRICULUM VITAE

### Reetu

#### Address

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### Personal Details

Father's Name	:	Mr. Shishpal
Date of Birth	:	04/04/1994
Nationality	:	Indian
Marital Status	:	Single
Language Known	:	Hindi, English

### Educational Qualification

- Passed Secondary from BSEH (2010) by 89% marks (Topper).
- Passed Senior Secondary from BSEH (2012) by 82% marks (Topper).
- Bachelor of Science from Manohar Memorial PG College, Fatehabad (2015) by 66% marks.
- Master of Food Science and Technology from Chaudhary Devi Lal University, Sirsa (2017) by 67% marks.
- Online 4 week course on **Global Postharvest Loss Prevention: Fundamentals, Technologies, and Actors** an online non-credit course authorized by University of Illinois at Urbana-Champaign and offered through Coursera, Taught by: Dr. Prasanta Kalita, Director of the ADM Institute for the Prevention of Postharvest Loss Department of Agricultural and Biological Engineering. Course ended 22/08/2020
- Online 7 weeks course **The Meat We Eat** an online non-credit course authorized by University of Florida and offered through Coursera, Taught by: Chad Carr, PhD, Extension Meat Specialist. Associate Professor, Department of Animal Sciences, University of Florida. Course ended 31/08/2020
- Online 5 weeks course on **Wine Tasting: Sensory Techniques for Wine Analysis** an online non-credit course authorized by University of California, Davis and offered through Coursera, Taught by: John Buechsenstein, Wine Appreciation Faculty, UC Davis Division of Continuing and Professional Education. Course ended 31/08/2020

### Field of Specialization

- Food Technology

### Current working

- Assistant Professor at Maharaja Ranjit Singh Punjab Technical University, Bathinda.

### Experience

- Assistant Professor at I.K. Gujral Punjab Technical University, Jalandhar.

### Previous job responsibilities

- Teaching to M.Sc. and B.Sc. Food Technology
- Conduct practical examination and result of various courses.
- Coordination of Board of Studies related work
- Coordination of admissions and other (equivalence and refund related) work
- Scholarship cases of M.Sc.
- Time Table preparation for courses
- Coordination of Extracurricular activities (sports and youth festival etc.)

### Industrial Experience

- Quality control Officer at Hamma Naturals (Packaged Drinking Water), Ludhiana, Punjab. (August, 2017 to Dec.2018)
- Selected as the **Best Quality control Officer** in the audit of BIS (Bureau of Indian Standards).

### Conference/Seminars/Workshops attended

- Participated in National Conference in Biotechnology: Emerging Trends (February 11-12,2016) held at CDLU, Sirsa.
- Participated in Workshop on Innovative Food Packaging and Testing (September12-13, 2019) held at NIFTEM, Sonapat.

### Poster Presentation in National Conferences

- **Reetu\***, Aayush Wadhwa, Barinderjit Singh (2020) Iron Biofortification of Sorghum by Soaking and Germination: Effect on Proximate Composition, Iron, Bioactive and Functional Properties. 23rd Punjab Science Congress on Emerging trends in Science and Technology for sustainable Development (7-9 Feb 2020) at SLIET, Longowal

- **Reetu\***, Barinderjit Singh, Aayush Wadhwa (2020) Biofortification of Sorghum for Combating Hidden Hunger for Iron. Multi-Disciplinary National Conference "Science & Technology for Sustainable Future" (March 6-7, 2020) at DAV College, Jalandhar (SERB-DST & DBT Sponsored)
- Jyotsna Tandon, Aruna Bhatia, **Reetu\***, Manpreet Saini (2020) To study the Application of Bacteriocin Produced by NCDC 343 to Enhance the Shelf Life of Apple Juice. 23rd Punjab Science Congress on Emerging trends in Science and Technology for sustainable Development (7-9 Feb 2020) at SLIET, Longowal
- Mamta Kumari\*, **Reetu Palthania**, Rajneesh Kant Sachdev (2020) Formulation and sensory evaluation of gluten free protein-rich bar made with the incorporation of raw and germinated chia flour. Multi-Disciplinary National Conference "Science & Technology for Sustainable Future" (March 6-7, 2020) at DAV College, Jalandhar (SERB-DST & DBT Sponsored)

#### Oral Presentation in National / International Conferences

- **Reetu\***, Barinderjit Singh, Aayush Wadhwa. Iron Biofortification of Sorghum by Soaking and Germination: Effect on Proximate Composition, Iron, Bioactive and Functional Properties. 23rd Punjab Science Congress on Emerging trends in Science and Technology for sustainable Development (7-9 Feb 2020) at SLIET, Longowal
- **Reetu\***, Barinderjit Singh Effect of Soaking, Germination and Cooking Methods on Polyphenolic and Antioxidant Properties of Cowpea. International Young Scholar Workshop-2020 conducted by Suleyman Demirel University, Kazakhstan.
- Barinderjit Singh, **Reetu\*** and Menka Saini. Free and Conjugated polyphenolic profile of *Quisqualis Indica* Flower extract. International virtual conference on COVID-19 and infectious disease in relation to public health: Prospectives and challenges conducted by Career Point University, Hamirpur
- Barinderjit Singh, **Reetu\***, Menka Saini Optimization of the Extraction Conditions for Bioactive Components of *Quisqualis Indica* Flower and its Enzyme Inhibitory Activity Associated with Type 2 Diabetes." World Summit on Medical Science, Pharmaceutical Science and Nursing Science Research 2020 Organised by Eudoxia Research Centre.

#### M.Sc. Project

- **Evaluation of Antioxidant potential of Unripe banana peel and Proximate analysis.** Supervised by Dr. Manju V. Nehra, Assistant Professor, Department of Food Science & Technology, CDLU, Sirsa.

#### Details of FDP/ Refresher courses/ Short term courses attended

- Modern Tools & Techniques for Teachers and Researchers from 18-11-2019 to 22-11-2019 organised by Department of Computer science, I K G PTU, main campus.
- Internet of Things and Real life Applications from 02-12-2019 to 06-12-2019 Department of Mechanical engineering, I K G Punjab Technical University, main campus, Jalandhar.
- Fostering creativity and innovation in Entrepreneurship from 16-12-2020 to 21-12-2020 organised by Entrepreneurship Development and Industrial Coordination Department from 16-12-19 to 21-12-19 (One Week) at IKGPTU, Kapurthala
- Enhancing research capabilities from 1-06-2020 to 5-06-2020 organized by Society of Materials and Mechanical Engineers (SOMME).
- Challenges in building collaborations in research and innovation on 09.05.2020 organised by faculty of humanities and science, Abdul Kalam Centre Innovation & Entrepreneurship Development
- Two-week Faculty Development Program on LATEX from organized by Department of Computer Science & Engineering of Sri Sai College of Engineering & Technology, Badhani Pathankot in association with IIT Bombay Spoken Tutorial (An initiative of National Mission on Education through ICT, MHRD, Govt of India) from 23rd March to 4th April 2020.
- Online refresher program on MBA-PPC (MANAGEMENT, BUSINESS, ADMINISTRATION - PRESENT & POST CRISIS Organized by Continual & Advanced Learning Lounge (CALL), SA Curricula Advanced Support System from 14th April 2020 to 04th May 2020
- Short Term Training Programme on I5 - INNOVATION, INCUBATION, INTRAPRENEUR, INVENTION & INTELLECTUAL PROPERTY from 26-04-2020 to 09-05-2020 Organized by Centre by IP Law (C-IPL) of SA Centre for Constructive Learning and Systematic Research to commemorating the World IP Day
- Online Faculty Development Program on Research and Innovation) organized by Department of Mechanical Engineering, Sri Sai Group of Institutes, Badhani-Pathankot from 05-09 June, 2020
- Two week online Faculty Development programme on Advanced Concepts For Developing Moocs Conducted by PMMMNTT Teaching Learning Centre Ramanujan College, University of Delhi (1July- 16 July, 2020).
- One Week AICTE Recognized Faculty Development Programme on Fostering Creativity and Innovation in Entrepreneurship Conducted by Entrepreneurship Development and Industrial Coordination Department, National institute for technical teachers training and research from 16-12-19 to 21-12-19

#### **Details of Webinar/courses attended**

- "The How? and Why? of Transitioning to Data Science, for Non IT Professionals" webinar by Department of Mechanical Engineering Cambridge Institute of Technology, Bengaluru.

- International webinar on Global Economic Development Impact on Covid 19 issues, challenges and the way forward jointly organised by IQAC and department of commerce, pg and research centre and BBA CA department of Puna college of Arts, Science and Commerce.
- A Webinar Series on “INNOVATIVE AGRO-FOOD PROCESSING TECHNOLOGIES FOR ENTREPRENEURSHIP DEVELOPMENT” RKVY RAFTAAR-Agri Business Incubator (Ministry of Agriculture Cooperation and Farmers’ Welfare) organised by Agri. & Food Business Incubator, Anand Agricultural University, Anand, Gujarat
- National webinar on Looking Ahead: Leading and Inspiring through Uncertain Times organized by the Internal Quality Assurance Cell, St Albert’s College
- Setting a New Normal in Food Processing Sector in Post COVID-19: Opportunities and Challenges” organized by Department of Processing and Food Engineering, College of Technology and Engineering
- National webinar on The New Normal in Education organized by the Internal Quality Assurance Cell, St. Albert’s College
- Training on Basics of COVID-19 from from iGOT, DIKSHA, Ministry of Human Resource and Development.
- Online training on Infection Prevention and Control from iGOT, DIKSHA, Ministry of Human Resource and Development.
- International Level Webinar on ‘SOCIO-ECONOMIC REPERCUSSIONS OF COVID-19 PANDEMIC ON GLOBAL ECONOMY’ organized by Department of Economics, POONA COLLEGE OF ARTS, SCIENCE & COMMERCE.
- Journal citation report (JCR) -South Asia Training and Certification Programm 2020.
- “New Kahoot! Features. New MS Teams features!” webinar with Leslie Fisher.
- National webinar on “Enterpreneurial Skills organised by department of commerce, Gurunanak Khalsa College, Yamunanagar.
- “Practical Rheology for the Food Technologists” organized by the Department of Food Technology, School of Chemical Technology, Harcourt Butler Technical University Kanpur in association with Anton Paar, India
- Online Teaching and Effective Learning: Bridging the Gap” organised by Society of Materials and Mechanical Engineers, Bhatinda.
- Webinar on 'Role of dietary spices in human health and wellness' organized by Association of Food Scientists and Technologists AFST(I)
- Webinar on 'Food Protection - Science and Strategies' organized by Association of Food Scientists and Technologists AFST(I)
- National webinar on Patents and Copyrights: An Overview and Practical Considerations by Ansal University, Gurgoan.
- Short Term Training Programme on "I5 - INNOVATION, INCUBATION, INTRAPRENEUR, INVENTION &INTELLECTUAL PROPERTY" Organized by

Centre by IP Law (C-IPL) of SA Centre for Constructive Learning and Systematic Research to commemorating the World IP Day

- 12 hrs certificate course of "Virtual Class Room 2020" organised by PCTI and Centre for Future Technology.
- Online webinar on International Day on Biological diversity organised by Biotechnika.
- National Webinar Honey: Natural Immunity Booster to Combat Infectious Diseases & Beekeeping Economics organised by Career Point University, Himachal Pradesh
- Plastic Waste – Sources, Production, Management and Handling in Post COVID-19 WORLD organised by PANJAB UNIVERSITY RURAL CENTRE KAUNI (SRI MUKTSAR SAHIB)
- Student Engaging Classrooms – Online/Offline” organised on May 15, 2020 by the Computer Science and Engineering branch, UIET, Panjab University, Chandigarh.
- One week national level e-Short Term Training Program on Dairy Business Management, during and post COVID-19 organized from 01 June to 07 June 2020 by Department of Dairy Technology, Parul University, Vadodara, Gujarat (India).