

CURRICULUM VITAE



Dr. Chandra Bali Patel

Assistant Professor

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Field of Specialization: BOTANY

Joining date of R.K. (PG) College, Shamli : 19.09.2017

Educational Qualifications

Examinations/Degree	Board/University
M. Phil	NA
M. Sc.	BHU varanasi
Ph. D.	BHU varanasi
NET	UGC-CSIR

Awards/ Merits

S.No.	Name of Award/ Honor	Conferred by (Name of Body/Organization, etc.)	Year of Award	Place
1.	NA			
2.				
3.				

Publications (Research/Review/Lead/Book/Book Chapters/Popular Articles)

Research Papers

1. Mukesh Meena, Andleeb Zehra, Prashant Swapnil, Manish Kumar Dubey, **Chandra Bali Patel** & R. S. Upadhyay (2017). Effect on lycopene, β -carotene, ascorbic acid and phenolic content in tomato fruits infected by *Alternaria alternata* and its toxins (TeA, AOH and AME). Archives of Phytopathology and Plant Protection Volume 50, Issue 7-8; Pages 317-329, Received 21 Dec 2016, Accepted 22 Feb 2017, Published online: 08 Apr 2017, (ISSN: 0323-5408 (Print) 1477-2906), (Impact Factor: 0.290).
2. **Chandra B. Patel**, Rishi Shanker, Vijai K. Gupta and R. S. Upadhyay (2016). Q-PCR, Based Culture-Independent Enumeration and Detection of Enterobacter: An Emerging Environmental Human pathogen in Riverine Systems and Potable Water. Front. Microbiol. 7:172.doi: 10.3389/fmicb.2016.00172. (ISSN: 1664-302X), (Impact Factor: 4.165)
3. **Chandra Bali Patel**, Poornima Vajpayee, Gulshan Singh, R.S. Upadhyay and Rishi Shanker (2011). Contamination of Potable Water by Enterotoxigenic *Escherichia coli*: qPCR based culture- free Detection and Quantification. Ecotoxicology and Environmental safety. 74 (8), 2292–2298, (ISSN: 0147-6513), (Impact Factor: 2.762).
4. **Chandra Bali Patel**, Poornima Vajpayee, Gulshan Singh, Anurag Jyoti, R.S. Upadhyay and Rishi Shanker (2011). Computation and *In-Silico* Validation of a Real-Time PCR Array for Quantitative Detection of Fecal Coliforms in Surface and Potable Water. International Journal

of Biotechnology and Biosciences, vol I (2), 185-194. (ISSN: 2231-0304).

5. Anurag Jyoti, P, Vajpayee G, Singh **Chandra Bali Patel**, Gupta KC, Shanker R (2011). Identification of Environmental Reservoirs of Non-typhoidal Salmonellosis: Aptamer Assisted Bio-concentration and Subsequent Detection of *S. Typhimurium* by q-PCR. *Environ Sci Technol*, 45(20), 8996-9002. (ISSN: 0013-936X), (Impact Factor: 5.330).
6. Poornima Vajpayee, Imrara Khatoun, **Chandra Bali Patel**, Gulshan Singh, Kailash Chand Gupta and Rishi Shanker (2011). Adverse Effects of Chromium Oxide Nano-Particles on Seed Germination and Growth in *Triticum aestivum* L. *Journal of Biomedical Nanotechnology*. (7), 206-207. (ISSN: 1550-7033), (Impact Factor: 5.338).
7. Rishi Shanker, Siya Ram, Pushpa Lata, P.Vajpayee, Anurag Jyoti, **Chandra Bali Patel** and Premendra D. Dwivedi. Pathogen Detection: PCR Probes to Nano-Probes! (2008). *Nanotoxicology*, 2:1 S-42. (Abstract). (ISSN: 1743-5404), (Impact Factor: 7.626).

Book Chapters

1. **Chandra Bali Patel**, Vivek Kumar Singh, Anand Prakash Singh, Mukesh Meena and R.S. Upadhyay (2018). Microbial Genes Involved in Interaction with Plants (PP: 171-180); Book Title: NEW AND FUTURE DEVELOPMENTS IN MICROBIAL BIOTECHNOLOGY AND BIOENGINEERING: Microbial Genes Biochemistry and Applications. Elsevier publications; ISBN: 978-0-444-63503-7.
2. Mukesh Meena, Prashant Swapnil, Andleeb Zehra, Mohd Aamir, Manish Kumar Dubey, **Chandra Bali Patel** and R.S. Upadhyay (2018). Virulence Factors and Their Associated Genes in Microbes (PP: 181-208); Book Title: NEW AND FUTURE DEVELOPMENTS IN MICROBIAL BIOTECHNOLOGY AND BIOENGINEERING: Microbial Genes Biochemistry and Applications. Elsevier publications; ISBN: 978-0-444-63503-7.
3. Vivek Kumar Singh, **Chandra Bali Patel**, Arti Tiwari, Punam Kumari, Ram Sanmukh Upadhyay (2017). Bioremediation Potential of Soil Fungi in Arsenic Contaminated Soils (PP: 1-26); Book Title: Plants and Microbes in an Ever-Changing Environment; Nova Science Publisher, Inc. ISBN: 978-1-53610-918-4.

Trainings and online courses

1. **Chandra Bali Patel**. Three Weeks 82nd Orientation Course on the theme “GOVERNANCE IN HIGHER EDUCATION: INDIAN PERSPECTIVE, GLOBAL CONTEXT” from 5th August-2019 to 24th August-2019 organized in Human Resource Development Centre (HRDC)-Banaras Hindu University (BHU) Varanasi.
 2. **Chandra Bali Patel**. Two Weeks Faculty Development Programme on “ADVANCED CONCEPTS FOR DEVELOPING MOOCS” from July 02 - July 17, 2020. Organized by Teaching Learning Centre, Ramanujan College University of Delhi, sponsored by Ministry of Human Resource Development Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.
 3. **Chandra Bali Patel**. One Week National Level Online Faculty Development Programme (**FDP**) on Online Class Management organised by Internal Quality Assurance Cell (**IQAC**), Dibru College, Dibrugarh, Assam from July 06 to July 11, 2020 through ZOOM Cloud Meetings.
 4. **Chandra Bali Patel**. Two Weeks Online Short-Term Training Programme on “Research Methodology”, held during July 06 to July 18, 2020, organized by Department of Computer Science & Engineering and Department of Electronics & Communication Engineering, University School of Information and Communication Technology, Gautam Buddha University, Greater Noida, Uttar Pradesh, INDIA.
 5. **Chandra Bali Patel**. One Day National Workshop on “Leadership Skills” Organized by ICT Academy, Chennai Hosted by Chaudhary Charan Singh University, Meerut on 21st July, 2018.
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6. **Chandra Bali Patel.** One Weeks Faculty Development Programme on “Time Series and Panel Data Analysis” from July 22 - July 26, 2020. Organized by Teaching Learning Centre, Ramanujan College University of Delhi, sponsored by Ministry of Human Resource Development Pandit Madan Mohan Malviya National Mission on Teachers and Teaching.

7. **Chandra Bali Patel.** Three Weeks Refresher Course on “Statistical Tools and Techniques for Analysis of Agricultural Data” held during July 08 to July 28, 2020, organized by Academy of Agricultural Research and Education Management, Directorate of Human Resource Management Chaudhary Charan Singh Haryana Agricultural University, Hisar-125004 (Haryana), India.

8. **Chandra Bali Patel.** A Ten days Workshop on “Discovering Statistics by MS-EXCEL and SPSS” (June 01 – June 10, 2016), Organized by: DST Centre for Interdisciplinary Mathematical Sciences and Division of Biostatistics Department of Community Medicine, Banaras Hindu University (BHU), Varanasi, India.

9. **Chandra Bali Patel.** Three Week Workshop on “Application of Statistical Tools & Software’s” (May 2nd – May 22nd, 2016), Organized by: Division of Biostatistics, Department of Community Medicine Institute of Medical Sciences, Banaras Hindu University (BHU), Varanasi, India.

Additional information (if Any)

1. NA

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