

ASHISH KUMAR



- 1. Name** Ashish Kumar
- 2. Date of Birth** 1st July 1993
- 3. Designation** Manager R&D
- 4. Course** M.Phil. in Biotechnology
- 5. Department** Biologicals Unit, CADAgro, Ahmadabad
- 6. Area of Interest** Bio-fertilizer, Bio-pesticide, Bio-stimulant, Molecular Biology, Plant Tissue Culture, IPR, Plant Biochemistry, Agricultural Microbiology, Agricultural Biotechnology, Bio-films formation and characterization
- 7. Educational Pursuit** M.Phil. In Biotechnology from APS University Rewa.
- 8. Residential Address** 137 Suhas Bisari Koraon Prayagraj, U.P. 212306.
- 9. Mobile** +91-9198701959, +91-7905032893
- 10. Email** ashish.biotech029@gmail.com
- 11. Academic Qualification:**

Course	% / CGPA	Year	Board / Univ.
M.Phil. in Biotechnology	79.80	2019	APS UNIVERSITY, REWA
M.Sc. (Ag.) Biotechnology	8.1/10	2016	SHIATS, Allahabad
B.Sc. (Hons.) Biotechnology	6.1/10	2014	SHIATS, Allahabad
10+2	55.2%	2010	U.P. Board, Allahabad
10 th	44.8%	2008	U.P. Board, Allahabad

12. Professional Experiences

- **Manager -R&D at Biologicals Unit, CADAgro (Formerly known as Agro division of Cadila Pharmaceutical Limited), Ahmadabad 382435 Gujarat from 10th June 2022 to till now**
 - Research and Development
 - Actively involved in research and development activities
 - Planning and conducting experiments related to research and development

- Working with new projects
- Isolation, Identification and characterization of the plant pathogen and their bio-control agent
- Interacted effectively with department managers to promptly correct problems and improve services.
- Communicated with managers of other departments to maintain transparency.
- Develop relationships with community managers from other communities
- Conducted In-house and field trial of NPD as well as existing product
- **Assistant Professor/Project Co-ordinator (SFAC-FPO Project) at Bioved Research Institute of Agriculture, Technology and Sciences, Prayagraj from 7th November 2020 to 09th June 2022**
 - Teaching and Research
 - Taught various subjects such as Plant Biochemistry & Biotechnology, Agricultural Microbiology, IPR, Communication skills & Personality Development, Intr. Biology etc. to B.Sc. (Hons.) Agriculture students
 - Responsibility of U.P. Scholarships as well as National Scholarships for undergraduate students
 - Guided more than 20 student in their RAWE program
 - Member of the editorial board of souvenir
 - Prepared and Submitted Project proposal for empanelling as CBBOs in SFAC (formation and promotion of FPOs under Central Sector Scheme for formation and promotion of 10,000 FPOs).
 - Provided technical assistance to FPOs related activities.
 - Creating Format for baseline survey under selected block.
 - **Joint Secretary, 24th Agricultural Scientists & Farmers' Congress on "Role & Importance of cluster based FPO for rehabilitation of farmers' in the present era"** on 23-24th April 2022 at Prayagraj, U.P.
 - **Joint Secretary, in the 23rd ASFC on Role of Eco-Friendly and Resourceful Technologies for Aatm Nirbhar Kisan, held at Auditorium, BRIATS, Mohrab, Shringverpur, Prayagraj.**

13. Administrative Experiences

- **Treasurer/Joint Secretary at Society of Biotechnology, SHUATS, Prayagraj from 2014-2016**

- Organized International conference
- Coordinated guest lectures
- Member of the editorial board of souvenir

14. Title of M.Phil. Biotechnology Dissertation:

“Polymorphism in Complement regulatory protein synthesizing genes and Susceptibility for Asthma”

15. Title of M.Sc. (Ag.) Biotechnology Dissertation:

“Phytochemical and antibacterial evaluation of silver nanoparticles prepared with extracts of *Brassica oleracea*”

16. Title of B.Sc. (Hons.) Biotechnology Project:

“*Escherichia coli*, *Staphylococcus aureus*, *Salmonella spp.* Bio-film Formation on Food Contact Surfaces and Its Inhibition”

17. Awards/Fellowships

- ‘Young Scientist Award 2021’ in the 23rd ASFC on Role of Eco-Friendly and Resourceful Technologies for Aatm Nirbhar Kisan, held at Auditorium, BRIATS, Mohrab, Shringverpur, Prayagraj.

18. Membership

- Annual member of Society of Biotechnology, SHIATS. (2012-2013).
- Annual member of Society of Biotechnology, SHIATS. (2013-2014).
- Annual member/ Joint Secretary of Society of Biotechnology, SHIATS. (2014-2015).
- Life Member/ Treasurer of Society of Biotechnology, SHIATS. (28 August 2015 – 28 August 2016).
- Member of International Society of Root Research.
- Member of All India Agricultural Students Association, New Delhi, India

19. Extracurricular Activities

- i. Member of International Conference on Advancing Frontiers in Biotechnology for Sustainable Agriculture and Health Organized by SHIATS, Allahabad. February 25-26, 2016).
- ii. Member of National Conference on Bioinformatics Panorama in Agriculture and Health by SHIATS, Allahabad. (October 05-06, 2015).

- iii. Member of Venue preparation and decoration committee at World Congress on “Green Nanotechnology and its role in sustainable Agriculture” Organized by SHIATS, Allahabad. (March 26-27, 2015).
- iv. Member of food, accommodation and transportation committee at National Symposium on "Recent Trends in Biotechnology and Bioengineering" Organized by SHIATS, Allahabad. (December 02, 2014).
- v. Member of National Service Scheme (NSS) at SHIATS, Allahabad. (2013-2015).

20. Training Programme Attended

S.N.	Programme	Period	Venue
1.	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Rhizospheric engineering: Revisiting the Microbe-Plant Synergy to Mitigate Plant Nano Toxicology "	January 24, 2022 - January 28, 2022	Motilal Nehru National Institute of Technology Allahabad.
2.	One Month Training On “Phytochemical Extraction & Analysis”	June 1, 2015 – June 30, 2015	Blossom Pharma Biotech Institute & Research Centre, Bhopal.
3.	Short term course on Biotechnology, Health And Diagnostics	January 24-28, 2015	Centre For Medical Diagnostics and Research (CMDR), MNNIT, Allahabad.
4.	Short term course on “Microbial Technology And Biofilms: Avenues And Applications”	January 10-14, 2015	Motilal Nehru National Institute Of Technology, (MNNIT), Allahabad
5.	Hands-on summer training on “Molecular Biology Techniques”	June 03, 2013 – July 02, 2013	Motilal Nehru National Institute Of Technology (MNNIT), Allahabad.
6.	Short term course on “Frontiers In Biotechnology”	May 28, 2013 – June 01, 2013	Motilal Nehru National Institute Of Technology,

			(MNNIT), Allahabad
7.	7 days training on “Biodiesel Production Technology”	July 1, 2012 – June 7, 2012	Blossom Pharma Biotech Institute & Research Centre, Bhopal.
8.	One month summer training on “Instrumentation Techniques Used in Biotechnology”	June 1, 2012 – June 30, 2012	Blossom Pharma Biotech Institute & Research Centre, Bhopal.

21. Conference/ Workshop/ Symposium Attended

S.N.	Programme	Period	Venue
1.	International Conference on Frontiers in Biotechnology Sustainable For Agriculture and Health	February 26-27, 2016	SHIATS, Allahabad.
2.	Pre-Conference Workshop on “Therapeutic Advances for Diabetes Mellitus”	December 03, 2015	Primary Healthcare 2016, OMICS International & SHIATS, Allahabad.
3.	Workshop on “C” Programming	August 28, 2015	NIIT, Allahabad.
4.	World Congress on “Green Nanotechnology and its role in Sustainable Agriculture”	March 26-27, 2015	SHIATS, Allahabad
5.	Agri-Innovation for enhancing production & Rural employment	February 21-February 22, 2015	Bioved Research Institute of Agriculture & Technology
6.	National workshop on “ Inspiration for Research: You Can”	December 19-21, 2014.	Motilal Nehru National Institute of Technology, (MNNIT), Allahabad.
7.	National Symposium on “Recent Trends in Biotechnology and Bioengineering”	December 02, 2014	SHIATS, Allahabad.
8.	Seminar on “Nanotechnology:	October 16,	Ewing Christian College,

	Applications and Future”	2014	Allahabad.
9.	National Conference on “Lead Development and Drug Designing: Emerging Opportunities”	September 26, 2014	United Institute of Pharmacy, Allahabad.
10.	International Conference on Health, Environment & Industrial Biotechnology (BioSangam-2013).	November 21-23, 2013	Motilal Nehru National Institute of Technology, (MNNIT), Allahabad
11.	National Science Day	February, 28-2012	JSBB, SHIATS, Allahabad.
12.	National Seminar on Recent Advances and New Inclinations in Biological Sciences (NSRANIBS-2012)	2012	SoBS, Department of Biological Sciences, SHIATS, Allahabad.
13.	National Symposium on Prospects, Utility and Challenges of Biotechnology in Agricultural Development	October 3 – October 4, 2012	Society of Biological Sciences and Rural Development, Allahabad.
14.	Workshop on aspects of Study Abroad, organized by QA Business School, London/ Birmingham.	April 15, 2011 – April 16, 2011	Lucknow
15.	National Seminar on Biotechnology for Human and Social Welfare	October 3 – October 4, 2010	Yash Krishi, Takniki Evam Vigyan Kendra, Allahabad.

22. Paper Presented / Abstract Published

1. Kumud Shukla, Manmeet Kaur, Rudrajay Mishra and **Ashish Kumar** (2021). Economics of Onion Production in Nashik District of Maharashtra. In Souvenir 23rd ASFC on Role of Eco-Friendly and Resourceful Technologies for Aatm Nirbhar Kisan, held at Auditorium, BRIATS, Mohrab, Shringverpur, Prayagraj.
2. Rudrajay Mishra, Kumud Shukla, Manmeet Kaur and **Ashish Kumar** (2021). Knowledge of farm women about agricultural practices in district Satna, M.P. In Souvenir 23rd ASFC on Role of Eco-Friendly and Resourceful Technologies for Aatm Nirbhar Kisan, held at Auditorium, BRIATS, Mohrab, Shringverpur, Prayagraj.

3. Akash Singh, Parth Sarthi, Saumya Tiwari, Kumud Shukla and **Ashish Kumar** (2021). Extraction of Lemongrass (*Cymbopogon citrates*) and its economic importance. In Souvenir 23rd ASFC on Role of Eco-Friendly and Resourceful Technologies for Aatm Nirbhar Kisan, held at Auditorium, BRIATS, Mohrab, Shringverpur, Prayagraj.
4. **Ashish Kumar**, Kumud Shukla and Rudrajay Mishra (2021). Study on Phytochemical and antibacterial activity of Red Cabbage (*Brassica oleracea*). In Souvenir 23rd ASFC on Role of Eco-Friendly and Resourceful Technologies for Aatm Nirbhar Kisan, held at Auditorium, BRIATS, Mohrab, Shringverpur, Prayagraj.
5. **Kumar, Ashish**, Verma, Preetam, Kumar, Sandeep and Soni, Ramendra (2016). Biofilm formation on food contact surfaces and its inhibition. *Asian Sci.*, 11 (1): 56-59, DOI: 10.15740/HAS/AS/11.1/56-59.
6. O.P. Verma, Sana Mariyam, Ramendra Soni, and **Ashish Kumar** (2016), Evaluation of physio-chemical characteristics for removal of pollutant from livestock wastewater. International Conference on Advancing Frontiers in Biotechnology for Sustainable Agriculture and Health (AFBSAH), SHIATS.
7. Soni, Ramendra, Soni, Unnati, Tandon, Bhavana, **Kumar, Ashish** and Kumar, Sandeep (2016). Solvothermal synthesis of chitosan quantum dots using different solvents. *Internat. J. Plant Protec.*, **9**(1): 333-336.

23. References

1. Mr. Vinay Kumar Singh, Senior Manager-R&D
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2. Prof. (Dr.) Rajiv Kant, Professor & Head
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Department of Computational Biology and Bioinformatics, Jacob Institute of Biotechnology and Bio-Engineering (JIBB), Sam Higginbottom University of Agriculture, Technology and Sciences, Prayagraj, Uttar Pradesh 211007

Objectives & Self-Declaration:

- Intend to be part of an organization that offers scope to enhance my knowledge and skills in the profession and at the same, I will deliver my best to the organization.

- Wish to work with people with the common goal of achieving a technological blend & to grow as a good human being.
- I hereby declare that all the information given above is true to the best of my knowledge and belief.

Date:

Place: Ahmedabad

(ASHISH KUMAR)