


## Curriculum Vitae

<b>Name</b>	Dr. PRIYANKA	Photograph 
<b>Designation</b>	ASSISTANT PROFESSOR	
<b>Department</b>	BOTANY	
<b>Address (Campus)</b>	DEPARTMENT OF BOTANY, D.N COLLEGE, MEERUT	
<b>Address (Residential)</b>	SURYA COLONY, ROHTA ROAD, MEERUT	
<b>Date of birth</b>	08-05-1985	
<b>Mobile</b>	9897399349	
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### Education

Subject	Institution	Year	Details
Ph.D	C.C.S UNIV. MEERUT	2014	Awarded
M.Phil	C.C.S UNIV. MEERUT	2009	FIRST DIVISION
P.G BOTANY	C.C.S UNIV. MEERUT	2007	FIRST DIVISION

### Career Profile

Organization/Institution	Designation	Duration	Role
D.N COLLEGE, MEERUT	ASSISTANT PROFESSOR	4 JANUARY 2020 ONWARDS	TEACHING
GOVT. GIRLS DEGREE COLLEGE KHARKHAUDA, MEERUT	ASSISTANT PROFESSOR	6 SEPTEMBER 2017-3 JANUARY 2020	TEACHING
GOVT. GIRLS PG COLLEGE, RAMPUR	ASSISTANT PROFESSOR	5 MARCH 2016-5 SEPTEMBER 2017	TEACHING

### Research Interests/Specialization

PLANT BIOTECHNOLOGY (TISSUE CULTURE)
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### Teaching Experience (Subject/courses taught)

4 years 11 months	BOTANY	UG: ALL SUBJECTS PG : ALL SUBJECTS
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### Other Qualification

CSIR NET (JRF)	LIFE SCIENCE	DEC 2008
GATE	LIFE SCIENCE	2009
ASRB NET	BASIC PLANT SCIENCE	2011
ASRB NET	PLANT BIOTECHNOLOGY	2013
ASRB NET	PLANT PHYSIOLOGY	2015

### Awards and Honors

M.Phil	UNIVERSITY GOLD MEDAL	2009
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## Research Publications .

1. Malik, K., Mandhania, S., Anil, Arya, S., Dhaka, A., Ravikant, Kumari, N., Malik, K., **Priyanka**, Kumar, U., (2020) Organic farming and bio-nanomaterial conflux: A way forward for sustainable agriculture. Journal of Nanoscience and Nanotechnology, (20): 1-15 doi:10.1166/jnn.2020.19003 (Impact Factor- 1.354) (NAAS Rating- 7.354)
2. Singh, D., Arya, S., Gupta, B., Kaushik, D., Arya, VS., **Priyanka**, Kumar, U., Singh, K., (2020) Applications of nanotechnology in forest management. Journal of Nanoscience and Nanotechnology, (20): 1-16 doi:10.1166/jnn.2020.19014 (Impact Factor- 1.354) (NAAS Rating- 7.354)
3. **Priyanka**, Kumar U, Kumar A, Kumar A, Malik V (2018). *In vitro* propagation of economically important Indian himalyan medicinal plant species for conservation and commercialization. Journal of plant development sciences. 10(4) 197-206.
4. **Priyanka**, Kumar U, Kumar A, Nehra A, Maan P, Kumar A (2017) Biotechnological approaches for enhanced secondary metabolites production using hairy root culture. Biotech today: International journal of biological sciences 7(2): 82-107.
5. **Priyanka**, Kumar U, Singh K.P. (2015) Indirect, direct and secondary somatic embryogenesis in *Emblia officinalis*. Global journal for research analysis. 4(4) 47-50.
6. Deepti, Chauhan P, Shalini, **Priyanka** and Y. Vimala. (2014) Biochemical screening of sugar mill effluent- contained heavy metal accumulation and tolerance in *Ocimum tenuiflorum* L. Progressive Agriculture -An international journal 14(1)69-75
7. Kumar U, **Priyanka** and Malik S. (2014) Genetically modified crops: Issue and challenge in the context of environment. International journal of applied sciences and humanities 4, 13-31
8. **Priyanka**, Kumar U, Mohammad Ishaq Rather (2014) In vitro Salt Stress Induced Enhancement of Ascorbic Acid in *Emblia officinalis*. Annals of Plant Sciences 3 (1), 588-593.
9. Kumar U, Singh I, Priyanka, Vimala Y (2012) *In vitro* somatic embryogenesis in *Cassia fistula* l. International Journal of Applied Sciences and Humanities., 2, 6-8.
10. Kumar, U. Singh, I.**Priyanka** and Vimala Y. (2011) *In vitro* production of L-Dopa in tissue cultures of *Mucuna pruriens*. Vegetos. 24 (01) 119-123.
11. Kumar, U. Singh, I., **Priyanka** and Vimala Y (2010) *In vitro* salt stress induced production of gymnemic acid in callus cultures of *Gymnema sylvestre* (R.Br). African journal of Biotechnology 9(31) 4904-4909.

## Book Chapter

1. Upendra Kumar, **Priyanka**, Sundip Kumar (2017) Wheat Cytogenetics: Present Status & Future Prospectives. Kalyani Publication Jalandhar

2. Upendra Kumar, **Priyanka**, Sundip Kumar (2016) Genetic Improvement of Sugarcane Through Conventional and Molecular Approaches. *Molecular Breeding for Sustainable Crop Improvement*, 325-342
3. Rashmi, Upendra Kumar, Poonam Maan, **Priyanka** (2019) Synthetic Biology: A Novel Approach for Pharmaceutically Important Compounds. *Recent Advancement in White Biotechnology Through Fungi* pp 475-491

### **Popular Article**

- ❖ Mathpal P, Kumar U, Kumar A, **Priyanka** (2013) Biofortification: A novel attempt to overcome hidden hunger and malnutrition. *Indian Farming* (Accepted in November 2013 issue)

### **Refresher or Orientation course attended.**

- ❖ Orientation course from UGC (HRDC) AMU from 08 March 2018 to 06 April 2018.
- ❖ Refresher course in life science from HRDC GJU, HISAR from 09 Dec. 2019 to 21 Dec. 2019.

### **Abstracts(Accepted for poster/oral presentation in International conference/symposium)**

1. **Priyanka** and Kumar U (2020) Somatic embryogenesis and plant regeneration in *Emblica officinalis*. National seminar on Ethnomedicinal wealth of India: Conservation and Sustainable Management. Organized by R.G (P.G) College, Meerut.
2. Priyanka (2019) Selection..... officinalis. National Seminar-cum-workshop on The Biodiversity Conservation and Sustainable Use of Medicinal and Aromatic Plants.
3. Priyanka (2019). Salt Tolerance in Tissue Culture of *E. officinalis*. International Seminar on Challenges to Ecosystem Environment Towards Sustainable Development. Organized by govt. P.G College, Bilaspur, Rampur
4. **Priyanka** (2018) Efficient plant regeneration protocol from leaf explant of *Actinidia deleciosa* (L.) 2nd International Conference on Advances in Agricultural Biological and Applied Sciences for Sustainable Future (ABAS-2018 Organized by Subharti University, Meerut)
5. **Priyanka** (2018) Bioactive metabolites enhancement under salt stress in *Emblica officinalis*. International Conference on Bio and Nano Technologies for sustainable Agriculture, Food, Health, Energy and Industry (ICBN-2018) February 21-23, 2018 Organized by GJUST, Hisar.
6. **Priyanka** (2018) *In vitro* effect of Sodium Chloride (NaCl) on tannin accumulation in *Emblica officinalis*. National Conference on Recent trends in basic and applied sciences for sustainable environment (RT-BASE -2018) Organized by Subharti University, Meerut.

7. **Priyanka** (2018) In vitro.....*Emblica officinalis* L. National Conference on Recent Advances in Chemical Sciences (NCRACS-2018) Organized by Department of Chemistry, MD University, Rohatak
8. **Priyanka** (2017) Micropropagation of Female Kiwifruit (*Actinidia deliciosa* c.v. Hayward) from leaf Explant. International Conference on Advances in Agricultural and Biodiversity Conservation for sustainable development (ABCD-2017) organised by CCS University, Meerut.
9. **Priyanka** (2017) Role of Plants in Air Pollution Control. National Seminar on Water Pollution and Management Organized by Department of Environmental Sciences, CCS University, Meerut.
10. **Priyanka** (2015) Effect of NaCl on tannin, Gallic Acid and Flavonoid content in *Emblica officinalis*. Indo-US Symposium on Recent Trends in Nanobiotechnology organised by Uttarakhand council for Biotechnology, Haldi, U.S. Nagar.
11. **Priyanka** (2015) In vitro NaCl .....in *Emblica officinalis*. XXXVIII All India Conference of the India Botanical Society and National Symposium on Emerging trends in Plant Sciences Organized by Department of Botany, University of Rajasthan, Jaipur
12. **Priyanka** (2015) Salt Induced..... UGC Sponsored National Seminar on The Role of Biology in Bringing Second Green Revolution organized by Department of Botany, MS College Saharanpur.
13. **Priyanka** (2015) In vitro shoot proliferation in *Actinidia deleciosa* cv Hayward from nodal explant. National Seminar on Challenges in Plant Sciences Now and Then Organized by department of Botany, CCS University, Meerut.
14. **Priyanka** (2013) Somatic embryogenesis .....officinal is L. National Seminar on Trends in Plant Sciences Organised by Department of Botany, DAV College, Muzaffarnagar.
15. **Priyanka** (2013) Effect of NaCl on *E. officinalis*. International conference on Global IPR System and WTO Issues. Organized by C.C.S.U. Meerut.
16. **Priyanka** (2011) In vitro salt.....*Emblica officinalis* XXXIV All India Botanical Conference Organized by Department Of Botany, Lucknow University, Lucknow

### **Professional Training/Workshop**

1. Participated in training on “Crop Improvement through Biotechnological Tools and Techniques” organized by CCSU HAU Hisar from June19-July 10 2019.
2. National workshop on “Hands on training in Plant Taxonomy: Tools and Techniques”. From 15-21 Feb 2018 organised by Department of Botany, C.C.S University, Meerut.
3. Participated in workshop cum hands on training on “computational identification of MicroRNA (miRNA) for Biotic and abiotic stress tolerance in plants”. From june 09-11, 2015 organised by Uttarakhand council for biotechnology (UCB), Uttarakhand.

4. Workshop cum hands on training on “Recent Trends in Bioinformatics and It’s Application in Modern Biotechnology. From 17-19, Feb 2015 organised by Uttarakhand council for biotechnology (UCB), Uttarakhand.
5. Workshop cum hands on training on “Use of Bioinformatics in Crop Biotechnology” . From 06-08 january 2014 organized by C.C.S University, Meerut.
6. National workshop on “Techniques for in vitro Pharming, isolation and characterization of secondary metabolites for sustenance of medicinal plants. From 07-12, 2011 march organized by Department of Botany, C.C.S University, Meerut.
7. Participated in Workshop on “Scientific Paper Writing” organized by ‘National Academy of Science India (NASI). From October 22-24, 2011 at Allahabad.
8. Participated in workshop cum hands on training on “Computational identification of miRNA for biotic and abiotic stress tolerance in cereals. 12-14 January, 2015 at C.C.S Univ. Meerut.
9. Participated in workshop cum hands on training on “Role of plant tissue culture techniques in crop improvement” on May 19-20, 2016 organised by Uttarakhand council for biotechnology (UCB), Uttarakhand.