



## Research Guide

Affiliated Research Guide (Botany) in MJP Rohilkhand University, Bareilly

### Articles/Chapters published in Books/Magazine

- Khad Kawak –Mushroom in Vigyan Pragati (Science Magazine published by CSIR, New Delhi, Feb 2012, p 28-29 ) **ISSN No.-** 0042-6075.
- Gerbera in Vigyan Paricharcha (Science Magazine published by PAHAL, Uttarakhand, Jan- March 2013, Vol 3, p 14-15) **ISSN No.-** 2394-4501.
- Keetahaari Paudhe in Vigyan Paricharcha (Science Magazine published by PAHAL, Uttarakhand, July- Sept 2014 Vol 1, p 58-59) **ISSN No.-** 2394-4501.
- Alsi in Vigyan Paricharcha (Science Magazine published by PAHAL, Uttarakhand, April- June 2015, Vol 4 p 25-26) **ISSN No.-** 2394-4501.
- Agrochemicals And Soil Degradation in Edited Book Renewable Resources & Environment published by Discovery Publishing House Pvt. Ltd., New Delhi. ISBN No.- 978-93-5056-893-4. p107-116.
- Sounf in Vigyan Paricharcha (Science Magazine published by PAHAL, Uttarakhand July-Dec 2017 Vol 1&2, Sauktank. p 75-77 ) **ISSN No.-** 2394-4501.
- Higher Education for Women. Conference Proceedings ISBN No.-978-93-5196-4889.
- Agrochemicals and Soil Degradation. *Renewable Resources and Environment*. Discovery Publishing House Pvt. Ltd., New Delhi, 2018.P. 116, ISSN No. 107-978-93-5056-893-4.

## *Publications*

- Micropropagation of *Gerbera jamesonii* (Bolus) on different culture media. *Advances in Plant Sciences*. 19 (I) June 2006, p.19-22.
- Effect of some Auxins on *in vitro* rooting of *Gerbera jamesonii*. *Advances in Plant Sciences*. 20 (I) June 2007, p.9-10.
- An ethanobotanical study of medicinal plant in Gurgaon district. *Bulletin of Pure and Applied Sciences*. Vol. 34 B (Botany) 2015 p.13-24. ISSN No.-0970-4612
- *Ocimum sanctum* – A religious and Medicinal herb. *Journal of Emerging Technologies Innovative Research*. August 2018 , Volume 5, Issue 8, p. 738-747, ISSN No.-2349-5162. Impact Factor-5.87
- Poisonous Plants; A Review. *Journal of Emerging Technologies Innovative Research*. September 2018 , Volume 5, Issue 9, p. 761-776. ISSN No.-2349-5162. Impact Factor-5.87.
- *Cuscuta reflexa* - A parasitic medicinal plant. *Plant Archives* Vol. 18 No.2, 2018 pp. 1938-1942.e- ISSN:2581-6063 (Online) ISSN No.- 0972-5210, R.N.I. UPENG/2001/5119.
- A Check List of Weed Plants from Bareilly College, Bareilly Campus, U.P, India”. *International Journal of Scientific Research and Reviews*. Vol. 7 Issue 4, July – Sept. Issue 2018. ISSN No. 2279-0543, SJIF Impact Factor 2018 :6.946 & ISI Impact Factor 2018- 19 :1.536.
- Medicinal as well as sacred plants of Bilaspur town, district Rampur (UP). *Bulletin of Pure and Applied Sciences*. Vol. 37 B (Botany) Jul-Dec 2018 p. 72-83. ISSN No.-0970-4612 (print) ISSN-2320 3196. Impact factor 5.195.
- Studies of some soil health parameters of District Bareilly, UP (India); *Journal of Soils and Crops*. 29 (1) 68-73, June, 2019. ISSN No.-0971-2836, NAAS Rating – 4.46, SJIF-6.736.
- *Nyctanthes arbor-tristis* -A Review; . *Journal of Emerging Technologies Innovative Research*. May 2020 , Volume 7, Issue 5, p. 269-283, ISSN No.-2349-5162. Impact Factor-5.87.

## *Training Programmes*

- Bioinformatics as tool for gene amplification, cloning and molecular modeling (8-13 December 2008; Indian Veterinary Research Institute, Bareilly).
- Biotechnology Techniques (11 January – 12 February 2009; Institute of Biotechnology & Information Technology, Bareilly).  
(Techniques – DNA isolation, Genomic DNA isolation, Agarose gel electrophoresis, restriction enzyme analysis of DNA and Bacterial Culture)

## *Orientation/ Refresher /Short Term Courses*

- Orientation Programme- CXXV (31<sup>st</sup> March 2013 to 27<sup>th</sup> April 2013) from UGC Academic Staff College, Aligarh Muslim University, Aligarh.
- Refresher Course in **Life Sciences** (27<sup>th</sup> January 2015 to 20<sup>th</sup> February 2015) from UGC Academic Staff College, Jawaharlal Nehru University, New Delhi.

- Refresher Course in **Life Sciences and Biotechnology** (19<sup>th</sup> August 2019 to 30<sup>th</sup> August 2019) from UGC, Human Resource Development Center (HRDC), Jawaharlal Nehru University, New Delhi.
- Short Term Course (One Week) in **Disaster Management** (6<sup>th</sup> January 2020 to 11<sup>th</sup> January 2020) from UGC, Human Resource Development Center (HRDC), Jamia Millia Islamia, New Delhi.

### Online / MOOC courses

- Self- learning Online Course on understanding **Open Educational Resources** offered by the Commonwealth of learning, Canada. (19<sup>th</sup> October 2019).
- Swayam online MOOC course in **Academic writing** from Swayam Portal- Session from July to October 2019 i.e. 4 weeks (19<sup>th</sup> December 2019).
- Annual Refresher Programme in teaching (ARPIT-2020) in **Pedagogical Innovations and Research Methodology** (Code-arp19-ap72) from Ministry of Human Resource Development (MHRD) through Swayam Portal (25<sup>th</sup> February 2020).

### Workshops

- Resource Person's Regional Training Workshop for National Children Science Congress up organized by VICAS (17<sup>th</sup>–18<sup>th</sup> June 2011; Indian Veterinary Research Institute, Bareilly).
- Resource Person's Regional Training Workshop for National Children Science Congress up organized by VICAS (4<sup>th</sup> August 2012; Indian Veterinary Research Institute, Bareilly).
- Workshop on “**Monitoring Of Metals and Gases in Plants with Special References to Bryophyte Physiology and Climate Change**” (19<sup>th</sup>-20<sup>th</sup> December 2012; Botany Department, Bareilly College, Bareilly).
- Resource Person's Regional Training Workshop for National Children Science Congress up organized by VICAS (21<sup>st</sup> July 2013; Indian Veterinary Research Institute, Bareilly).
- One Day workshop on ‘NAAC’ Awareness Programme NAP (02<sup>nd</sup> February 2019) organized by Regional Higher Education Office, Bareilly at Utkarsh School of Management and Technology, Bareilly .

### Leadership Programme

- Participated in three days Rover-Rangers Samagam – 2020 (8<sup>th</sup>, 9<sup>th</sup> & 10<sup>th</sup> February 2020) as Rangers Coordinator in Bareilly college, Bareilly.

### Conferences/Seminars Participated/ Papers presented

1. National Conference on Plant Biotechnology, Biodiversity & Ecorestoration For Global Prosperity. (24<sup>th</sup> & 26<sup>th</sup> Nov. 2000).
2. National Conference on Current Issues of Plant Sciences: Health and Environmental Aspects. (8<sup>th</sup>

- & 9<sup>th</sup> Oct. 2004 )(*Micropropagation of Gerbera jamesonii (Bolus) on different culture media*).
3. National conference on Advancing Frontiers In Biotechnology For Sustainable Agriculture and Health.(28<sup>th</sup>&29<sup>th</sup> April 2005) (*Effect of some Auxins on in vitro rooting of Gerbera jamesonii*).
  4. National Conference on Challenges In Life Sciences with Changing Environment. (20<sup>th</sup> &21<sup>st</sup> Feb 2010)( *Cytotoxic effect in vitro and in vivo applications of colchicines on G. jamesonii*.)
  5. National Seminar on Management Of Environmental Pollution For Sustainable Energy Production.(10<sup>th</sup>&11<sup>th</sup> April 2010).
  6. National Seminar on Higher Education In India -Present Scenario And Future Prospects.(18<sup>th</sup>-19<sup>th</sup> Sept 2011).
  7. National Conference on Recent Advances In Plant Sciences.(15<sup>th</sup> &16<sup>th</sup> Oct 2011).
  8. International Conference on Recent Trends In Climate Change Researches vis-a-vis Biodiversity.(3<sup>rd</sup>&4<sup>th</sup> Dec 2012).
  9. International conference on Monitoring Of Metals And Gases In Plants With Special References to Bryophyte Physiology and Climate Change(17<sup>th</sup>&18<sup>th</sup> Dec 2012).
  10. National Seminar on Environmental Issues And Challenges in the 21<sup>st</sup> Century (3<sup>rd</sup> &5<sup>th</sup> Feb 2013)
  11. National Seminar on Environment and Bioscience (2<sup>nd</sup> & 3<sup>rd</sup> March 2013) ( *Lichen as indicator of pollution*).
  12. National Conference on Random Waste Disposal Sociological Impacts & Concerts (12<sup>th</sup> Jan 2013).
  13. National Seminar on Challenges & Road Ahead-A Macro cosmic Analysis Of Sustainable Development.(1<sup>st</sup> &2<sup>nd</sup> Feb 2013).
  14. The Indian Science Congress Association- 102<sup>nd</sup> Indian Science Congress (3<sup>rd</sup> -7<sup>th</sup> Jan 2015).
  15. National Conference on Environmental issues for Socio-Ecological Development (25<sup>th</sup> -26<sup>th</sup> Feb 2015) (*Impact of E-Waste on Environmental and Human Health*).
  16. National Seminar on Higher Education In India: Present Scenario and Future Prospective For Value Based Education (28<sup>th</sup> Feb- 1<sup>st</sup> March 2015).
  17. National Conference on Higher Education; Nurturing Quality Through Innovations (29<sup>th</sup> -30<sup>th</sup> March 2015) (*1. Laptops, Digital & Wireless Technology for Anytime, Anywhere Learning; 2. Strategies for Education Innovation*).
  18. International Seminar - 2015 on Our Environment- Yesterday, Today And Tomorrow (19<sup>th</sup> &20<sup>th</sup> Dec 2015)( *Climate Change*).
  19. National Conference on Environmental Protection through Innovative approaches for Sustainable Development (27<sup>th</sup> &28<sup>th</sup> Jan 2016).
  20. National Seminar on Environment Scenario; Climate Change and Sustainable Development. (30<sup>th</sup> Jan 2016) (*Climate change and its impact*).
  21. International seminar on Tourism Mercantilism and Human Happiness; Challenges and Opportunities (30<sup>th</sup> & 31<sup>st</sup> Jan 2016) (*Sacred Plants- Health, Happiness, Satisfaction and Peace*).
  22. National seminar on Status of Higher Education In India with Special references To Uttar Pradesh (20<sup>th</sup> & 21<sup>st</sup> Feb 2016) (*Role of Education for Peace* ).
  23. National Conference on Our Environment; Explore, Care and Share (25<sup>th</sup> -26<sup>th</sup> Feb 2016). (*After Disaster*).
  24. National Conference and Exhibition on Advances in Biosciences and Health Education (27<sup>th</sup> Feb 2016).
  25. International Conference on Education for Happiness (11<sup>th</sup> &13<sup>th</sup> March 2016).(*Happiness & its*

***Factors including Education).***

26. National Conference on Future Higher Education Policy of India: Vision and Dimensions. (27<sup>th</sup> & 28<sup>th</sup> March 2016) (***Higher education for women***).
27. National Seminar on Advances in Plant Science Frontier : Development and Environment. (26<sup>th</sup> & 27<sup>th</sup> Nov 2016) (***Algae as Pollution Indicator***).
28. National Seminar on 70 years India's Independence Gains Accumulated and Losses Incurred Path Ahead: An Overview.(29<sup>th</sup>&30<sup>th</sup> Nov 2016).(b>*Agrochemicals and Soil Degradation*).
29. National Seminar on Emerging Environmental Concerns and Public Health (11<sup>th</sup> &12<sup>th</sup> Dec 2016) (***Global warming and its effect***).
30. National seminar on Biodiversity conservation; current status and future strategies (4<sup>th</sup>&5<sup>th</sup> March 2017) (***Traditional Plant conservation in India***).
31. National Seminar on Skill Development: Bridging Gaps between Entrepreneurship and Academic Excellence (6<sup>th</sup> &7<sup>th</sup> Jan 2018) (***Organic farming***).
32. National conference on Environmental Protection through innovative Approaches for Sustainable Development (19<sup>th</sup> &20<sup>th</sup> Jan 2018). ( ***E- Agriculture***).
33. Scientific Rationality and Socio-Cultural Changes (20<sup>th</sup> & 21<sup>st</sup> Jan 2018) (***Indian culture strategically Designed for Human being Well being***).
34. National Seminar on Higher education in Present Context: Challenges and Prospects (19<sup>th</sup> & 20<sup>th</sup> Jan 2019) (***Higher Education In India*** ).
35. International Seminar on Challenges to Ecosystem & Environment towards Sustainable Development (22<sup>nd</sup> Sept 2019). (***Anti-Pollutant Indoor Plants***).
36. National Seminar on Environmental Sensitivity (2<sup>nd</sup> Sept 2019).

***Conferences / Seminars Organize***

- National Conference on Higher Education; Nurturing Quality through Innovations (29<sup>th</sup> - 30<sup>th</sup> March 2015 as Organizing Secretary at Government Degree College, Bilaspur, Rampur).
- National Conference on Our Environment; Explore, Care and Share (25<sup>th</sup> -26<sup>th</sup> Feb 2016 as Organizing Secretary at Government Degree College, Bilaspur, Rampur).
- International Seminar on Challenges to Ecosystem & Environment towards Sustainable Development (22<sup>nd</sup> Sept 2019 as Organizing Secretary at Government Degree College, Bilaspur, Rampur).

***Awards / Honors***

Paryavaran Mitra Samman- 2019 by Paryawaram Mitra Samiti , Moradabad.

***Membership***

- Life time membership Journal of Indian Botanical Society (Membership from 2011).
- Life time membership Indian Science Congress, Kolkata (Membership No.-L28210).
- Member of Uttar Pradesh Academic Society of Higher Education.

### **Invited Lectures**

Invited Lecture in Kasturba Gandhi Awaseeya Balika Vidyalaya, Bilaspur (Rampur) on Time Management (04 march 2016).

### **Others**

- University Observer in Main exam-2016 at Aadrsh Kanya Mahavidyalay, Rampur Bujurg, Devchara, Bareilly.
- University Observer in B.Ed. Entrance exam -2019 at Maharaja Agarsen Mahavidyala, Bareilly.

**Dr. Nisha Verma**