

## **DR. ARUN KUMAR SINGH**

Assistant Professor,  
Deptt. of Botany, D.A-V. (P.G.) College,  
Kanpur – 208001 (U.P.)  
Teacher Code : T 3402

### **Communicative Address :**

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Kanpur-208002 (U.P.)

### **Official Address :**

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**Objective** To work with a leading player in the higher educational teaching and research field where, I can prove my caliber and knowledge with my consistence hard work, creativity and analytical skill.

**Present Status** Teaching on the Post of Assistant Professor in Department of Botany, D.A-V. College, Kanpur

### **Academic Qualification :**

<b>Examination</b>	<b>Board / University</b>	<b>Year</b>
High School	U.P. Board	1992
Intermediate	U.P. Board	1994
B.Sc. (Biology)	C.S.J.M. University, Kanpur	1997
M.Sc. (Botany) Specialization in <b>Cyto Genetics and Plant Breeding</b>	C.S.J.M. University, Kanpur	1999
Ph.D. (Agriculture Botany) <b>Specialization in Genetics and Plant Breeding</b>	C.S.J.M. University, Kanpur	2004
<b>Topic of Ph.D. Thesis</b>	: Studies on Genetical Parameters Of Breeding Value For Malt Contributing Traits in Barley ( <i>Hordeum vulgare</i> L.)	
<b>Computer Knowledge</b>	: PGDCA from C.S.J.M. University, Kanpur	
<b>Known Software</b>	: Microsoft Office, Coral Draw and Photoshop	

### **• Teaching experience:**

1. Worked as **Botany Lecturer** in D.S.N. (P.G.) College, Unnao in the Department of Botany since August 2004 to July 2006.
2. Working as **Assistant Professor** in Department of Botany D.A-V College, Civil Lines Kanpur since August, 2006 to till now.

### **• Publication**

1. **A.K. Singh**, D.Ram, H.C. Singh and S.K. Singh. Title "Genetic analysis for malt parameters in husked barley" (*Hordeum vulgare* L.) presented in National symposium on food and nutritional security: Technological interventions and genetical options held at CSK Himanchal Pradesh Krishi Vishvavidyalaya Palampur, H.P. on September 18-19, 2002.

2. **Arun Kumar Singh**, H.C. Singh and S.L. Katiyar. Title "Heritability and Genetci advance studies for grain yield and related attributes in barley (*Hordeum vulgare* L.) presented in National Seminar or advance in Genetics and Plant Breeding- Impact of DNA Revolution at University of Agricultural Sciences, Dharwad on October 30-31, 2003.
3. S.K. Singh, H.C. Singh, Daya Ram, **A.K. Singh** and P. Singh. Title "Inheritance of quality parameter in husked barley (*Hordeum vulgare* L.) presented in National Seminar or advance in Genetics and Plant Breeding- Impact of DNA Revolution at University of Agricultural Sciences, Dharwad on October 30-31, 2003.
4. **A.K. Singh**, S.L. Katiyar and S.K. Srivastava. Title "Studies on combining ability for grain and malt yield related attributes in barley (*Hordeum vulgare* L.) presented in National seminar on "Recent Emerging trends in plant sciences" held at D.A.V. College, Kanpur on December 11-12, 2004.
5. Stuti Purwar and **A.K. Singh**. Title Standardization of Herbal formulations of Chaturbhadra Kwath Churna presented in National seminar on "Recent Emerging trends in plant sciences" held at D.A.V. College, Kanpur on December 11-12, 2004.
6. **Arun Kumar Singh** and Tarun Kumar. Title "Heterosis and Combining Ability For Grain Yield And Its Components In Husked Barley" (*Hordeum vulgare* L.) presented in National seminar on "New Horizons in Biosciences" held at Dayanand Girls (P.G.) College, Kanpur on November 29-30, 2005.
7. H.C. Singh, **Arun Kumar Singh**, S.K. Singh and Dayaram. Title "Genetic of malt and its attributes in Barley" (*Hodeum vulgre* L.) presented in International conference on "Post- Harvest Technology and Value Addition in Cereals, Pulses and Oilseeds" at C.S. Azad University of Agriculture and technology, Kanpur on November 27-30, 2006.
8. **Arun Kumar Singh**. Title "Combining Ability For Grain Yield And Its Components In Husked Barley" (*Hordeum vulgare* L.) presented in National seminar on "Recent trends in Biological Scenario" held at Dayanand Girls (P.G.) College, Kanpur on December 03, 2006.
9. **Arun Kumar Singh** and Archana Tiwari. Title "Association of Characters for Grain yield and its Attributes in Barley" (*Hordeum vulgare* L.) presented in National seminar on "Recent trends in Biological Scenario" held at Dayanand Girls (P.G.) College, Kanpur on December 03, 2006.

10. **Arun Kumar Singh** and B.N. Trivedi. Title "Selection Parameter for Quality Traits in Barley" (*Hordeum vulgare* L.) presented in National seminar on "Recent trends in Biological Scenario" held at Dayanand Girls (P.G.) College, Kanpur on December 03, 2006.
11. Archana Tiwari and **Arun Kumar Singh**. Title "Genetic Variability in potato" presented in national seminar on "Recent trends in Biological Scenario" held at Dayanand Girls (P.G.) College, Kanpur on December 03, 2006.
12. **Arun Kumar Singh** and Madhu pal. Title "Growth and yield of Fagopyrum Esculentum Plants Grown From Irradiated Seeds" presented in national seminar on "Recent trends in Biological Scenario" held at Dayanand Girls (P.G.) College, Kanpur on December 03, 2006.
13. **Arun Kumar Singh**, Amit Prakash Raghuvanshi and Irfana Khan. Title "Inheritance of Morphological Characters In Barley" (*Hordeum vulgare* L.) presented in "National Seminar on Recent Trends in Biological Scenario" held at Dayanand Girls (P.G.) College, Kanpur on December 03, 2009
14. A.N. Maury, H.K. Singh, **A.K. Singh**, R. Swarup and Y.P. Singh. Title "Seed sanitation : An Effective Biotechnical Device in Promoting Growth and Agronomic Yield of Yellow Mustard" (*Brassica campestris* L.) Published in *Modern J. Life Sci.* Vol. 8 No. 1-2 (2009) 25-28.
15. H.K. Singh, A.N. Maury, Y.P. Singh and **A.K. Singh**. Title "Seed Germination, Seedling Growth and Vegetable Yield of Spinach" (*Spinacia Oleracea* Linn.) Under the Stress of Iron Foundry Effluent Counteracted by Certain Heavy Metals. Published in *Modern J. Life Sci.* Vol. 8 No. 1-2 (2009) 5-8.
16. Javed Ahmad Siddiqui and **Arun Kumar Singh**. Title "Carbon credit and it's scenario in India" . Published in Shodh Sandarsh -VII. Vol-XXIV. June- 2019. 643.
17. **A.K. Singh**, Javed Ahmad Siddiqui and J. Mohan. Title "Assciation of characters for yield and Its attributes in husked Barley "(*Hordeum vulgare* L.) Published in Journal of Plant Development Sciences Vol. 12 (12) : 747-748 (2020).
18. **A.K. Singh** and Javed Ahmad Siddiqui. Title " Heritability and genetic advance studies for grain yield and related attributes in husked barley "(*Hordeum vulgare* L.). Published in Journal of Plant Development Sciences Vol.12 (1): 51-53(2020)

19. Siddiqui Javed Ahmad, Khan Irfana and **Arun Kumar Singh**. Title " Studies of the effect of Sowing Date for Cultivation of Rabi pigeon pea"(*Cajanus cajan* (L.) millsp). Published in *Gradiva Review Journal* Vol. 7 issue 7 (2021).

#### **International-National Conference/Symposium / Workshop / Seminar**

1. National Symposium on Food and Nutritional Security : Technological Interventions and Genetical options held at C.S.K. Himanchal Pradesh Krishi Vishvaidyala Palampur, H.P. on September 18-19, 2002.
2. National Seminar on advance in Genetics and Plant Breeding- Impact of DNA Revolution at University of Agricultural Sciences, Dharwad on October 30-31, 2003.
3. National seminar on "Recent Emerging trends in plant sciences" held at D.A.V. College, Kanpur on December 11-12, 2004.
4. National seminar on "New Horizons in Biosciences" held at Dayanand Girls (P.G.) College, Kanpur on November 29-30, 2005.
5. International conference on "Post- Harvest Technology and Value Addition in Cereals, Pulses and Oilseeds" at C.S. Azad University of Agriculture and technology, Kanpur on November 27-30, 2006.
6. National seminar on "Recent trends in Biological Scenario" held at Dayanand Girls (P.G.) College, Kanpur on December 03, 2006.
7. National Seminar on "Combating Pollution to create a healthier Planet" held at D.G. College on December 10-12, 2007.
8. National Seminar on "Plant and Human welfare: past to present held at D.B.S. College, Kanpur on December 24, 2007.
9. National Workshop on "Basic Techniques of Molecular Biology" held at D.B.S. College on August 4-5, 2008.
10. National Seminar on "Environmental Degradation and Biodiversity: Problems & Prospects" held at D.A-V college, Kanpur on November 29-30, 2009.
11. National Seminar on "Recent Trends in Biological Scenario" held at Dayanand Girls (P.G.) College, Kanpur on December 03, 2009

12. National Seminar on "Changing Environment: Present Scenario and its Conservation" held at D.B.S. College, Kanpur on December 1-2, 2011.
13. National Seminar on "Role of Media in War And Peace Time" held at D.A-V College, Kanpur on March 2-3, 2013.
14. National Seminar on "Impact of Modern Agriculture on Environment" held at Jagran College of Arts, Science and Commerce, Kanpur on February 15, 2014.
15. National Seminar on "Science and Technology for Human Development" held at D.G. (P.G.) and D.A-V (P.G.) College, Kanpur on December 8-10, 2014.
16. National Seminar on "Ganga Pollution: Analysis & Remedies" held at Department of Chemistry D.A-V. (PG) College, Kanpur on October 7-8, 2016.
17. National Seminar on "Future India: Science and Technology" held at Department of Zoology DG (PG) College, D.A-V. College & CSJM University, Kanpur on November 23-25, 2018.
18. National Workshop on "Evolution of Biology through Bioinformatics" held at D.G. College, Kanpur on September 19-25, 2019.
19. National Conference on "Science & Technology : Rural Development" held at CSJM University, DAV College, Kanpur and DGPG College, Kanpur on December 3-4, 2019.
20. National Seminar on "River Development, water resources, Conservation & Management" held at Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Satna (M.P.) on December 6-7, 2019.
21. National Seminar on "Recent Advanced Techniques in Analytical Chemistry" held at Department of Chemistry, Dayanand Girl's (P.G.) College, Kanpur on January 16-17, 2020
22. National Seminar on " 75 years of India's Foreign Policy: Achievements and Possibilities" held at Department of Defense and Strategic Studies, D.A-V.College, Kanpur on November 12-13, 2022.

23. National Conference on " Science & Technology : Rural Development" held at DAV College & DGPG College, Kanpur on December 03-04, 2019.
24. National Workshop on "Evolution of Biology through Bioinformatics" held at Bioinformatics Infrastructure Facility Centre (DBT) DG (PG) College, Kanpur on September 19<sup>th</sup> to 25<sup>th</sup>, 2019.
25. National Conference on "Recent Trends & Experimental Approaches for Sustainable Development and Conservation of Biodiversity – 2023" held at Deptt. of Zoology and Botany, D.B.S. College, Kanpur on 25<sup>th</sup> – 27<sup>th</sup> March, 2023.

**National / International Webinar:**

1. National Webinar on "Dr. Nagendra Swarup Memorial Lecture Series on the Occasion of National Science Day " organized by D.A-V. (PG) College, Kanpur on February 28<sup>th</sup>, 2022.
2. National Webinar on "Contributions of Duru- Shishya Tradition towards Personality Management" organized by D.A-V. (PG) College, Kanpur on March 27<sup>th</sup>, 2022.
3. International Webinar on " Covid-19: Role of Biotechnologist" organized by Department of Botany, Christ Church College, Kanpur on July 9<sup>th</sup>, 2020.
4. National Webinar on "Awareness Program on our Lives, our Rights" organized by Department of Chemistry, Dayanand Girl's (P.G.) College, Kanpur on July 14-15<sup>th</sup>, 2020.
5. National Webinar on " Recent Trends on Indian Historiography in the Light of Oral Traditions" organized by Department of History, Dr. Harishing Gour Vishwavidyalaya, Sagar, M.P. held on July 28-29<sup>th</sup>, 2020.

## Research Publications

<u>Sl. No.</u>	<u>Paper Title with DOI, page, vol., issueno., year</u>	<u>Journal Name</u>	<u>Year</u>	<u>ISSN</u>	<u>JCR Impact factor</u>
<u>1</u>	<u>Study of correlation coefficient analysis in Barley (<i>Hordeum vulgare</i> L.)</u>	<u>Gradiva Review Journal Vol. 7 issue 6</u>	<u>2021</u>	<u>0363-8057</u>	<u>6.3</u>
<u>2</u>	<u>Studies of the effect of sowing date for cultivation of Rabi pigeon pea (<i>Cajanus cajan</i> (L.) millsp)</u>	<u>Gradiva Review Journal Vol. 7 issue 7</u>	<u>2021</u>	<u>0363-8057</u>	<u>6.3</u>
<u>3</u>	<u>Association of character for yield it its attributes in Husked Barley (<i>Hordeum Vulgare</i> L.)</u>	<u>Journal of Plant development Sciences Vol 12 (12)</u>	<u>2020</u>	<u>2348-9170</u>	<u>6.3</u>
<u>4</u>	<u>Herability and genetic advance studies for grain yield and related atributes husked barley (<i>Hordeum vulgare</i> L.)</u>	<u>Journal of Plant development Sciences Vol 12 (1)</u>	<u>2020</u>	<u>2348-9170</u>	<u>6.3</u>
<u>5</u>	<u>Carbon credit and it's scenario in India</u>	<u>Shodh Sandarsh -VII, Vol. XXIV</u>	<u>2019</u>	<u>2319-5908</u>	<u>1.72</u>

### **Orientation Course:**

1. University grants commission, Human Resource Development Centre. Dr. Hari Singh Gour Vishwavidyalaya, (A Central University) Sagar (MP) India. Held during 18<sup>th</sup> December, 2019 – 07<sup>th</sup> January, 2020 and obtained Grade A<sup>+</sup>

**Refresher Course:**

- 1- "Advanced Research Methodology Tools and Techniques" held at Teaching Learning Centre, Ramanujan College University of Delhi from 30<sup>th</sup> January, 2021 to 14<sup>th</sup> Feb. 2021 and obtained grade A+.
- 2- "Two-week Refresher course in Botany" held at Teaching Learning Centre, Ramanujan College University of Delhi from 29<sup>th</sup> July to 13<sup>th</sup> August. 2023 and obtained grade A+.

**Young Scientist Award :**

1. Kalash Research and Welfare Society (Reg. No.: AL-33004) on the occasion of National Seminar on "River Development, water Resource, Conservation and Management" on 6<sup>th</sup>- 07<sup>th</sup> December, 2019 at Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Satna, M.P.



## PERSONAL DETAILS

Name : DR. ARUN KUMAR SINGH  
Gender : Male  
Date of Birth : March 31, 1976  
Father : Ram Gopal Singh  
Nationality : Indian  
Marital Status : Married  
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### DECLARATION :

I hereby, declare that all the information whatever I mentioned is true to the best of my knowledge, nothing has been concealed.

Date : 23-09-2024

Place : Kanpur.

**(DR. ARUN KUMAR SINGH)**  
**Assistant Professor,**  
Department of Botany,  
D.A-V. College, Kanpur-208001 (U.P.)  
Teacher Code : T 3402