

CURRICULUM VITAE



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Assistant Professor
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Dr Prashant Kumar Sirohi

Father's Name : Shri Brijpal Singh

Date of Birth : April- 22, 1982

Research Publications:

- Paper on “**Growth and development of rare tree species *Sterculia villosa* Linn. in district Meerut and Bulandshahar (U.P.) India**” Second author. Asian Journal of Research in Agriculture & Forestry. 6(4):1-8, 2020. ISSN: 25817418.
- Research article published in the “Journal of Plant Development Sciences, Saket, Meerut (U.P.)” on the topic “**Seasonal herbs diversity around Distillery Spent wash discharge of district Meerut (U.P.)**” Vol.8 (8 & 9) 423-429(2016).
- Chapter contributed on the topic “**Phytoremediation potential of *Parthenium hysterophorus* (L.) and *Cynodon dactylon* (L.) growing around distillery spent wash discharge**” in the book “Climate Change : Socio-economic and Environmental issues-Problems and Challenges (ISBN: 9788174456953)” Mohit Publication, delhi.
- Paper published in the “Journal of Plant Development Sciences, Saket, Meerut (U.P.)” on the topic “**Impact of Distillery Spent wash on soil characteristics in district Meerut**” Vol.3 (3 & 4) 321-325(2011).
- Paper published in the “Journal of Scientific & Applied Research, Meerut_(U.P.)” on the topic “**Quantitative diversity analysis of herbaceous vegetation around distillery discharge in district Meerut**” Vol.1 (2)52-56(2010).
- Paper presented on the topic “**Potential of phytoremediation in seasonal vegetation around distillery discharge**” in the “National Conference on New Horizons in Plant Sciences” held on Oct 23-24, 2010 at Department of Botany- Meerut College, Meerut.

Education Qualification:

- Ph.D.** with the title “**Studies on Species Composition, Diversity & Phytoremedial potential of herbaceous vegetation around Distillery discharge in District Meerut**” under supervision of *Dr. R. C. Arya*, Associate Professor, Department of Botany; Meerut College, Meerut.
- M.Sc. (Botany)** **2004**
Ch. Charan Singh University Campus, Meerut (U. P)
Subjects-Cell & Molecular Biology of Plants.
Biology & Diversity of Viruses & Bacteria.
Biology & Diversity of Algae & Bryophytes.
Biology & Diversity of Pteridophytes ,Gymnosperms & Palaeobotany
Taxonomy of Angiosperms.
Genetics & Cytogenetics
Biology & Diversity of Fungi & Plant Pathology.
Plant Ecology
Phytochemistry & Metabolism.
Plant Physiology
Plant Development & Reproduction.
Biotechnology-I (Genetic Engineering).
Biotechnology-II (Phytotechniques).
Biotechnology-III (Microbial Biotechnology).
Biotechnology-IV (Plant Cell, Tissue & Organ Culture).
Specialization: *Plant Biotechnology.*
- B.Sc. (Biology)** **2002**
Ch. Charan Singh University, Meerut (U. P)
Subjects-Botany, Zoology & Chemistry.
- Higher Secondary (Intermediate)** **1999**
U.P. Board, Allahabad
Subjects – Hindi, English, Physics, Chemistry & Biology.
- High School** **1997**
U.P. Board, Allahabad
Subjects – Hindi, English, Mathematics-2, Science-2, Social Science & Biology.
- Additional Qualification:**
CSIR-UGC NET (JRF) Life Sciences
CSIR-UGC SRF Life Sciences

GATE 2007(Life Science)

Orientation/Refresher/workshops:

- Completed four weeks **Orientation/Induction Programme** from June 04 to July 01, 2020 from Teaching Learning Centre, Ramanujan College University of Delhi under PMMM mission on teachers and teaching.
- Completed two weeks online **Interdisciplinary Refresher Course** on Quantitative Biology from January 11 to January 23, 2021 from UGC-Human Resource Development Centre, Guru Jambheshwar University of Science & technology, Hisar.

Experience:

- Presently working as **Asst Professor (Botany)** in Hindu College, Moradabad (U.P.) since September, 2017.
- One year and six months experience as **Asst Professor (Botany)** in Acharya Narendra Dev College, University of Delhi.
- Ten years experience as **Subject Expert/Author** in various publications. I have contributed as an author in the following books –
 - i. Jeev vigyan Class-12 Vardhman Books International Pvt Ltd. Meerut (2020). First Author. ISBN 9789389772494.
 - ii. CSIR-UGC NET (JRF) Life Sciences (ISBN: 9789350750483), Arihant Publications, Meerut (2018).
 - iii. NEET 40 Days Jeev vigyan (ISBN: 9789350944325), Arihant Publications, Meerut (2017).
 - iv. Soil Science (ISBN: 9789385086120), Green Leaf Publication, Varanasi (UP).

Conference/Webinar:

- Participated in “**International web Conference on Science, Engineering & Technology IWCSET-2020**” organized by Society for Technologically Advanced Materials of India (STAMI) on May 15-16, 2020.
- Participated in National Webinar on “**New Education Policy-2020: Online Education and its Amalgamation with classroom Education**” organized by Internal Quality Assurance Cell (IQAC) Hindu College, Moradabad on 03 September, 2020.
- Participated in National Seminar on “**Uchha Shiksha ke Samaksh Chunotiya avam Unka Nidan**” organized by Internal Quality Assurance Cell (IQAC) K.G.K. (P.G.) College, Moradabad on February 19-20, 2020.

- Participated in National Seminar on “**Need and Challenges of Intellectual property Rights**” jointly organized by IPRC & IQAC Hindu College, Moradabad and IQAC IFTM University, Moradabad on September 30, 2019.
- Participated in National Seminar on “**Quality Improvement in Higher Education: In Perspective of NAAC**” organized by Internal Quality Assurance Cell (IQAC) Hindu College, Moradabad on March 11, 2018.

Computer Knowledge:

MS Word, MS Excel, MS Power Point, Internet.

References:

1. Dr. Y. Vimla

Professor

Department of Botany

Ch. Charan Singh University Campus, Meerut-250005.

2. Dr. R. C. Arya

Associate Professor

Department of Botany

Meerut College,

Ch. Charan Singh University, Meerut- 250002.

3. Dr. Ravinder Kumar

Associate director

Krishi vigyan Kendra

Moradabad (U.P.)

Date:

Place:

(Dr Prashant Kumar Sirohi)