

Dr. BHARAT JOSHI

Assistant Professor,
P.G. Department of Botany,
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TEACHING EXPERIENCE

- Assistant Professor at Department of Botany, Avvaiyar Government College For Women, Karaikal, Puducherry, from 5th February, 2018 to Till Date.
- Assistant Professor (Ad-hoc) at Ramjas College, Department of Botany, University of Delhi from 1st August, 2017 to 1st February, 2018.
- Assistant Professor (Ad-hoc) at Dyal Singh College, Department of Botany, University of Delhi from 16th January, 2016 to 16th December, 2016.
- Assistant Professor (Ad-hoc) at Swami Shradhanand College, Department of Botany, University of Delhi from 1st August, 2014 to 5th October, 2015.
- Guest Lecturer (Botany) at Dyal Singh College, Department of Botany, University of Delhi from 18th January, 2017 to 27th April, 2017.
- Guest Lecturer (Botany) at Swami Shradhanand College, Department of Botany, University of Delhi from 2nd February, 2017 to 27th April, 2017.
- Guest Lecturer (Botany) at Swami Shradhanand College, Department of Botany, University of Delhi from 31st January, 2014 to 30th April, 2014.

AWARDS RECEIVED:

- **CSIR (NET-JRF/SRF) Fellowship** by Council of Scientific and Industrial Research, Government of India (January, 2009 – December, 2013).

EDUCATION QUALIFICATIONS:

- **Ph.D (2015) - Department of Botany, University of Delhi, Delhi.**
Thesis Title: “Identification, characterization and validation of potential candidate genes influencing seed size in the oilseed crop, *Brassica juncea* (Indian mustard).”
- **M.Sc. (Botany), 2006-2008 - Department of Botany, University of Delhi, Delhi, India. [1st Division].**
- **B.Sc., 2003-2006 – Ramjas College, University of Delhi, Delhi, India. [1st Division].**

- **Senior Secondary School** in Biology, Physics, Chemistry, Mathematics, **CBSE Board, 2002 [Ist Division]**.
- **Secondary School** in Science, Mathematics, Social Studies, English, **CBSE Board, 2000 [Ist Division]**.

AREAS OF SPECIALIZATION

- **Genetics, Plant Breeding, Molecular Biology and Plant Biotechnology**
- **Plant Physiology and Plant Developmental Biology.**

PUBLICATIONS

- Somya Sinha, Vivek Kumar Raxwal, **Bharat Joshi**, Arun Jagannath, Surekha Katiyar Agarwal, Shailendra Goel, Amar Kumar, Manu Agarwal (2015) “De novo transcriptome profiling of cold-stressed siliques during pod filling stages of Indian mustard (*Brassica juncea* L.)”, *Frontiers in Plant Science*, section Plant Physiology, 6; 932. **ISSN Number: 1664-462X, Impact factor: 3.948.**
- Suman Sharma, Sandeep Kaushik, Anurag Singhal, Geetika Changwal, Ankita Das and **Bharat Joshi**, (2015). Assessment of Genetic Variation and Relationship among Brassica Species by RAPD Marker. *International Journal of Current Research in Biosciences and Plant Biology*, 2(6): 35-42. **ISSN Number: 2349-8080, Impact factor: 0.417.**

POSTER PRESENTATION

- **Bharat Joshi**, Manu Agarwal, Amar Kumar, Shailendra Goel and Arun Jagannath. (2015) “Analysis of expression level variations of the Gibberellin signalling gene, *GASA4* in bold-seeded and small-seeded varieties of *Brassica juncea* (Indian Mustard) during seed development.” Germplasm to Genes: Harnessing Biotechnology National Symposium on for Food Security and Health, Society for Plant Biochemistry and Biotechnology, August, 2015.

TECHNICAL SKILLS:

- Plant tissue culture
- QTL analysis
- Genetic Linkage mapping
- qRT-PCR
- Molecular cloning and Recombinant DNA technology

COMPUTER SKILLS:

- Knowledge of bioinformatics tools like VectorNTI, DNASTar, Joinmap, Mapchart, Spidey etc.
- Knowledge of computers softwares like Adobe Photoshop, MS-Office, SPSS 16 etc.

OTHER TRAININGS AND ACTIVITIES:

- 6 months certificate course on “**Environment Management and Law**” from Ramjas College, University of Delhi during Jan-July 2005.
- Worked as **President for Delhi University Botanical Society (DUBS)**, 2010-11.
- Worked as **Vice-President for Delhi University Botanical Society (DUBS)**, 2009-10.
- Worked as **Treasurer for Biology Society, Genesis, Ramjas College**, 2004 -05.

MEMBERSHIP OF PROFESSIONAL SOCIETIES:

Life member of the **Delhi University Botanical Society (DUBS)**, University of Delhi, Delhi, India.

PERSONAL INFORMATION

Father's Name	:	Late Sh. Om Prakash Joshi
Date of Birth	:	25-08-1984
Sex	:	Male
Marital Status	:	Married
Nationality	:	Indian

Bharat Joshi