




Faculty Details proforma for DU Web-site

(PLEASE FILL THIS IN AND Email it to websiteDU@du.ac.in and
cc: director@ducc.du.ac.in)

Title	Dr.	First Name	Priya	Last Name	Panjabi-Massand	Photograph
Designation		Assistant Professor				
Address		Department of Botany University of Delhi Delhi 110007				
Phone No Office						
Residence						
Mobile		9999799009				
Email		ppriyagen@yahoo.com				
Web-Page						
Educational Qualifications						
Degree		Institution			Year	
Ph.D.		Ph.D (Genetics) Dept. of Genetics, Delhi University, South Campus			2005	
M.Phil. / M.Tech.						
PG		MSc (Genetics) Dept. of Genetics, Delhi University, South Campus			1999	
UG		BSc (Botany) Gargi College, Delhi University			1997	
Any other qualification						
Career Profile						
Jan 2010-till date: Assistant Professor, Department of Botany, Delhi University						
April 2008-Dec 2009: Scientist 1, Dept. of Genetics, University of Delhi, South Campus						
Nov 2006-March 2008: Research Scientist, CGMCP, University of Delhi, South Campus						
April 2005-Oct 2006: Post Doctoral Fellow, Dept. of Genetics, University of Delhi, South Campus						
Administrative Assignments						
Committee of Courses and Studies for Honours, Post-Graduate and Research Studies in Botany						
Areas of Interest / Specialization						
Genetics, Plant Biotechnology, Molecular Biology						
Research Interest						
I am currently working on						
<ol style="list-style-type: none"> 1. Mapping and characterization of genes involved in phytosterol synthesis in <i>Brassica juncea</i> 2. Mapping of resistance loci conferring resistance to <i>Albugo candida</i> (white rust) in <i>B. rapa</i>. 						
Subjects Taught						
Genetics and Cytogenetics Advanced Genetics and Plant Breeding						
Research Guidance						

List against each head (If applicable)

1. Supervision of awarded Doctoral Thesis: nil
2. Supervision of Doctoral Thesis, under progress: 1
3. Supervision of awarded M.Phil dissertations: nil
4. Supervision of M.Phil dissertations, under progress: nil

Publications Profile

List against each head (If applicable) (as Illustrated with examples)

1. Books/Monographs (Authored/Edited)
2. Research papers published in Refereed/Peer Reviewed Journals

Kumar Paritosh, Satish K Yadava, Vibha Gupta, **Priya Panjabi-Massand**, Yashpal S Sodhi, Akshay K Pradhan and Deepak Pental (2013). RNA-seq based SNPs in some agronomically important oleiferous lines of *Brassica rapa* and their use for genome-wide linkage mapping and specific-region fine mapping *BMC Genomics* 14:463

Panjabi-Massand P, Yadava SK, Sharma P, Kaur A, Kumar A, Arumugam N, Sodhi YS, Mukhopadhyay A, Gupta V, Pradhan AK, Pental D (2010). Molecular mapping reveals two independent loci conferring resistance to *Albugo candida* in the east European germplasm of oilseed mustard *Brassica juncea*. *Theoretical and Applied Genetics* 121: 137-45

Panjabi P, Jagannath A, Bisht NC, Padmaa KL, Sharma S, Gupta V, Pradhan AK and Pental D (2008). Comparative mapping of *Brassica juncea* and *Arabidopsis thaliana* using Intron Polymorphism (IP) markers: homeologous relationships, diversification and evolution of the A, B and C Brassica genomes. *BMC Genomics* 9:113

Panjabi P, Burma PK and Pental (2006). Use of the transposable elements *Ac/Ds* in conjunction with *Spm/dSpm* for gene tagging allows extensive genome coverage with a limited number of starter lines: Functional analysis of a four-element system in *Arabidopsis thaliana*. *Molecular Genetics and Genomics*. 276:533-543.

3.
 - a) Research papers published in Academic Journals other than Refereed/Peer Reviewed Journals
 - b) Research papers published in Refereed/Peer Reviewed Conferences
 - c) Research papers Published in Conferences/Seminar other than Refereed/Peer Reviewed Conferences
4. Other publications (Edited works, Book reviews, Festschrift volumes, etc.)

Conference Organization/ Presentations (in the last three years)

List against each head (If applicable)

1. Organization of a Conference
2. Participation as Paper/Poster Presenter

Panjabi P, Yadav SK, Sharma P, Kaur A, Gupta V, Pradhan AK and Pental D (2009). Molecular mapping reveals two independent loci conferring resistance to *Albugo candida* in the east European germplasm of oilseed mustard *Brassica juncea*. 5th International Conference on Plant Pathology in the Globalized era, November 10-13, 2009; Indian Agricultural Institute, New Delhi.

Research Projects (Major Grants/Research Collaboration)

PI in DBT project on "Molecular mapping of loci conferring resistance to *Albugo candida* race 2V in two different cultivars of *Brassica rapa* - A step towards durable resistance against white rust in *B. juncea* (Indian Mustard)"

Co-PI in Indo-German Collaborative research project on 'Molecular mapping of QTL and candidate genes governing phytosterol content in winter oilseed rape (*B. napus*) and Indian mustard (*B. juncea*)' funded by DFG-DST.

Awards and Distinctions

- Awarded INSA Young Scientist Award in the year 2007
- Received Junior/Senior Research Fellowship by Council of Scientific and Industrial Research, 1999-2004
- Awarded University Gold Medal, M.Sc. (Genetics), University of Delhi
- Awarded a Fellowship by Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore for pursuing summer training during M.Sc. at CDFD, Hyderabad
- Received South Campus Endowment Fellowship in M.Sc. in the year 1998 and 1999
- University Fifth Rank Holder, B.Sc. (Hons) Botany, University of Delhi

Association With Professional Bodies

1. *Editing*
2. *Reviewing*
3. *Advisory*
4. *Committees and Boards*
5. *Memberships*
6. *Office Bearer*

Other Activities

Signature of Faculty Member

- You are also requested to also give your complete resume as a DOC or PDF file to be attached as a link on your faculty page.