



## CURRICULUM VITAE

<b>Name:</b>	SWATI MANOHAR	
<b>Designation:</b>	Assistant Professor	
<b>School:</b>	Life Science	
<b>Department:</b>	Biotech and Genome	
<b>Specialisation &amp; Research Interests:</b>	Biochemistry, Plant Molecular Biology and Nutritional Biochemistry.	
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<b>Address:</b>		

### 2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University / Board
Ph.D	2013	Indian Agricultural Research Institute, (IARI), New Delhi

Degree	Year	University / Board
M.Sc.	2007	Narendra Deva University of Agriculture and Technology, Faizabad (U.P.)
B.Sc.	2005	Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra

**3. ANY OTHER QUALIFICATION:****4. PROFESSIONAL EXPERIENCE:**

Organisation/Institute/University	Position Held	Duration
Mahatma Gandhi Central University, East Champaran, Bihar	Assistant Professor	27 <sup>th</sup> October 2016 to till date
Indian Institute of Maize Research (IIMR), New Delhi, India.	Research Associate	December, 2012 to August 2013
Central Institute for Subtropical Horticulture, Lucknow, India	Senior Research Fellow	Aug. 2007 to June 2008

**5. ADMINISTRATIVE ASSIGNMENTS:**

Position Held	Duration	Nature of Work
Deputy Proctor	September 2017 to Dec. 2018	To Assist Proctor
Member	Nov. 2017 to April 2019	Board of Studies of Department of Botany

Assistant Centre Suprintendent (ACS)	July 2017	End semester Examination July 2017
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**6. COURSES TAUGHT:**

Biochemistry and metabolism

Molecular Biology

Plant Physiology

Microbiology

Bio analytical tool

Bioprocess technology

Environmental science

**7. RESEARCH SUPERVISION:****A. Ph.D.:**

- i. **Awarded** :
- ii. **Submitted** :
- iii. **Ongoing** :

**B. M.Phil.:**

- i. **Awarded** :
- ii. **Submitted** :
- iii. **Ongoing** :

**C. Non-Degree Oriented (Master's Level Dissertation):**

- i. **Awarded** :
- ii. **Submitted** :
- iii. **Ongoing** :

**8. CONTRIBUTION TO CORPORATE LIFE OF THE UNIVERSITY:**

## 9. MEMBERSHIP OF SOCIETIES / PROFESSIONAL BODIES:

International society of root research

## 10. PUBLICATIONS:

### A. BOOKS/MONOGRAPHS:

#### 1. Authored:

- i. **Swati Manohar\***, Alok Srivastava (2017): ATP Synthesis (pp. 83-98); *Carbohydrate Metabolism: Theory and Practical Approach*; ISBN 978-1-53612-908-3 Nova Science Publishers, New York, (USA)

#### 2. Edited:

- i. ....
- ii. ....
- iii. ....

### B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

1. Swati Kumari and Archana Sachdev (2013). "Molecular cloning, characterization and bacterial overexpression of D-*myo*-inositol 3-phosphate synthase (*MIPS1*) gene from Soybean (*Glycine max* [L.] Merr.)". **Australian Journal of Crop Science**. 7(12): 1884-1892.
2. Swati Kumari, Monica Jolly, Veda Krishnan, Anil Dahuja and Archana Sachdev (2012). Spatial and temporal expression analysis of D-*myo*-inositol 3-phosphate synthase (*MIPS*) gene family in *Glycine max*. **African Journal of Biotechnology**. 11(98): 16443-16454.

3. VK Singh and Swati Kumari (2011). Changes in biochemical and mineral constituents associated with jelly seed in mango (*Mangifera indica*) cv. 'Dashehari'. **The Indian Journal of Agricultural Sciences**, 81(6).

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i. ....

#### C. PAPERS IN CONFERENCES PROCEEDINGS:

i. ....

ii. ....

iii. ....

#### 11. Patents/Copyrights /IPR (If Any)

#### 12. INVITED TALKS:

#### 13. RESEARCH PROJECTS (COMPLETED / ONGOING):

#### 14. PARTICIPATION & PRESENTATIONS IN SEMINARS/SYMPOSIA/WORKSHOPS/CONFERENCES:

Swati Kumari and Archana Sachdev "Spatial and temporal expression analysis of *MIPS* gene family in *Glycine max*"; Poster presentation delivered at International Conference on Plant Biotechnology for food security: New Frontiers (ICPBFS), venue: National Agricultural Science Centre (New Delhi, India), February 21-24, 2012.

**15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:**

**16. ANY OTHER SIGNIFICANT INFORMATION:**

*(Swati Manohar)*