

- Name Dr.Renu Mundhara Soni
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### Academic Qualifications

Examination passed	Board/ University	Year	Name of the Institute	Subjects	Division	% age
SSCE	CBSE	1994	-do-	Physics, chemistry, Biology,	I	82.3 %
B.Sc.(H) Botany	Delhi University	1997	Gargi College, Delhi Uni.	Botany	I	75.8 %
M.Sc. Botany	Delhi University	1999	Hindu College, Delhi Uni.	Botany With Special Papers- (i) Crop Genetics & Breeding (ii) Microbial & molecular biology	I <b>GOLD MEDAL-LIST</b>	75.1 %
M. Phil. Botany	Delhi University	2000	Deptt. of Botany	Plant growth and regulation	I	81.3 %
Ph.D Botany	Delhi University	2005	Deptt. of Botany	Plant growth and regulation	-	-

### Doctor of Philosophy

**Topic :** In vitro regeneration of easy to regenerate, Flax and difficult to regenerate, grain legumes.

**Master of Philosophy :** passed in the year 1999-2000 with **81.3%** and securing second position in the university with distinction.

**Topic :**Shoot regeneration on seedlings of *Linum*: A stress related response.

**M.Sc (Botany)** passed in the year 1999 from **Hindu College**, Delhi University with **75.1%** and securing **first position** in the university.

**B.Sc (Botany)** passed in the year 1997 from **Gargi College**, Delhi University with **75.8%** and securing **fourth position** in university in First year.

Qualified **Joint CSIR- NET** for **Lectureship & JRF** ( Junior Research Fellowship - Dec. 2000

### Awards and Scholarships

1. **M.Sc Gold Medallist** and got **PanchananMaheshwari Memorial Prize** for best student in M.Sc.
2. **Merit** certificate and Prize from **Hindu College** for standing **first** in M.Sc in college and in University.
3. **Merit** certificate in B.Sc first year for securing **fourth position** in University.

Career profile		
Teaching Experience in years	Area of Specialization	Courses and Subjects taught
8 Years	Plant growth regulation (Tissue culture)	B.Sc (Botany), B.Sc LS Reproductive biology, Plant systematics , Plant Physiology, Plant Ecology.

### Research Publications :

1. **R.Mundhara and A.Rashid.** Regeneration of shoot-buds on hypocotyls of *Linum* seedlings: Stress-related response . **Plant Science** 161(2001) 19-25
2. **R.Mundhara and A.Rashid** Stimulation of shoot-bud regeneration on hypocotyls of *Linum* seedlings, on a transient withdrawal of calcium: effect of calcium, cytokinin and thidiazuron. **Plant Science** 162 (2002) 211-214.
3. **R.Mundhara and A.Rashid** TDZ induced triple-response and shoot formation on intact seedlings of *Linum*, putative role of ethylene in regeneration. **Plant Science** 170 (2006) 185-190
4. **R.Mundhara and A.Rashid** Recalcitrant grain legume *Vigna radiata*, mung bean made to regenerate on change of hormonal and cultural conditions. **Plant Cell, Tissue and Organ Culture** 85(2006) 265-270.

### **Conferences, Seminars and Workshops attended:**

- National Seminar on Innovative, Advance Research in Bio-Medical and Environmental Dynamics held on 9-10<sup>th</sup> October,2015 organized by Institute of Life Long Learning, UDSC and Department of Botany, Dyal Singh College, University of Delhi.
- **Workshop on Reproductive Biology of Angiosperms** held on 16<sup>th</sup> &17<sup>th</sup> **March, 2015** organized by Centre for Professional Development in Higher Education, organized by Organized by Institute of Life Long Learning,UDSC and Department of Botany, Dayal Singh College, D.U
- **National Conference** on Evolutionary Perspectives in Modern Biological Teaching and research held on 9<sup>th</sup> -10<sup>th</sup> May,2011 Organized by Institute of Life Long Learning, Centre for Science Education and Communication and Acharya Narendra Dev College, University of Delhi.
- **National Conference** on Advances in Environmental Sciences and Plant Biotechnology held on **4<sup>th</sup> -5<sup>th</sup> February, 2013** Organized by Deen Dayal Upadhyaya College, University of Delhi and an **article** has been submitted in this conference, Title- Serotonin, a neurotransmitter, simulates cytokinin activity in promoting regeneration of shoots on hypocotyls segments of *Linum*
- **Workshop on Disaster Management** held on **20<sup>th</sup> -22<sup>nd</sup> December,2012** organized by Centre for Professional Development in Higher Education
- **Workshop on Role of Bioinformatics in Genomics** held on **27<sup>th</sup> -28<sup>th</sup> December, 2012** organized by Gargi College, University of Delhi.
- **Workshop on Applied Genomics and Proteomics** held on **12<sup>th</sup> -14<sup>th</sup> March, 2014** organised by Deshbandhu College, University of Delhi

### **Workshops Organized :**

- Organized work shop for Laboratory staff of Gargi college on Familiarization with common plants in Gargi College (August 2013)
- Participated in Organizing Summer workshop on Interdisciplinary Sciences for the students of Gargi College( May,26-31, 2014)
- Participated in Organizing Summer workshop on Plant Tissue Culture: Technique and Applications for the students of Gargi College( 16<sup>th</sup> June, 2015)

<b>Areas of Interest</b>	
<b>Academic</b>	Plant Growth Regulation , Reproductive biology , Plant Systematics and plant Ecology Investigate small research projects under Star college Scheme
<b>Non Academic</b>	Organising society functions, Naming of Plants growing in Gargi college

### **Any Other**

- Compiled Pictorial Database of Higher Plants of Gargi College Campus
- Coordinator for Gargi College Botanical society “TARU”