

## **Brief Biodata of Dr. Udai Narayan Joshi**

**Name :** Dr. Udai Narayan Joshi  
**Father's Name :** (late) Sh. Murli Dhar Joshi

**Date of birth :** 28<sup>th</sup> June, 1955  
**Designation :** Sr. Scientist/Professor( Biochemistry)  
**Department :** Posted at College of Agriculture  
Forage Section, Deptt. Of Plant Breeding,  
CCS Haryana Agricultural University  
Hisar – (Haryana), Pin 125004 ,India

**Joining date :** i) In HAU : **22/09/1979**  
ii) On the present post: **22/09/2000**

**Field of specialization :** General biochemistry, Enzymology,  
Nutritional Biochemistry , Environmental  
stress, Guar gum ,biochemistry, Nutritional  
quality of cereal, pulses and forage crops etc.,

### **Awards and recognitions:**

1. Recipient of Rafi Ahmed Kidwai memorial Prize for out standing research work in guar.
2. Recipient of ICAR Team Research Award for outstanding Contribution on forage sorghum improvement and its utilization.
3. Recipient of Jawarhar Lal Nehru Award for P.G. Research ,worked on carbon and nitrogen metabolism in cowpea and sorghum in relation to SO<sub>2</sub> pollution.
4. Awarded Certificate of Merit by Plant Science Colloquim.
5. Nominated the prestigious title, “Man of the year, 2000” by American Biographical Institute Inc. USA.
6. Worked on adhoc project , “ Biochemical studies in legumes in relation to environmental pollutants , as Principal Investigator ”.

### **Salient features of achievements:**

1. Published eighty research papers in national and international journals of repute.
2. Identified for the first time the toxic constituents in guar which are thermostable and haemolytic.

3. Contributed chapters in book entitled, "Forage Sorghum, its Improvement and Management".
4. Contributed review articles on guar meals, guar gum, chromium pollution, effect of heavy metals on forages and SO<sub>2</sub> pollution.
5. Edited proceeding, "Impact of Modern Agriculture on Environment-3".
6. Helped the "Indian Society of Forage Research and Guar Research and Development Association" in bringing out their official journals "Forage Research" and "Guar Research Annals".
7. Helped in bringing out souvenir at the time of international congress of genetics, 1983.
8. Helped in coordinating quality work on forage sorghum and arid legumes at all India level.
9. Guided PhD and MSc. Students of biochemistry.