

## Achievements

Dr. Shatrughan Pandey



Date & Place of Birth: 2<sup>nd</sup> Feb. 1946, Sultanpur, U.P.  
Nationality: Indian  
Retd. Post and Scale: Principal Scientist (Retd.)  
Work Experience: 1971-2008, Indian Institute of Sugarcane Research,  
(ICAR), Lucknow-226002  
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### **Academic Qualifications:**

Degree	Year	Board/University	Subjects	Division/Grade
Ph.D	1980	IISR-Lko, Kanpur University, Kanpur	Plant Pathology	'A'
M.Sc. (Ag.)	1971	UPIASc, Kanpur University, Kanpur	Plant Pathology	1 <sup>st</sup>
B.Sc. (Ag.)	1969	Govt. Agriculture College Kanpur Univ, Kanpur	Agriculture	1 <sup>st</sup>

### **Research Contributions**

After post-graduation in the division of plant pathology, I joined Indian Institute of Sugarcane Research, Lucknow (ICAR, Govt. of India) and for the last 38 years, **I have worked on diseases of sugar crops viz. sugarcane, sugar beet and sweet sorghum as I completed Ph.D. on Sugar Crop covering fundamental as well as applied aspects.** Expert on phytopathological areas included etiology, epidemiology, forecasting, host-pathogen interaction, ecology and integrated management of sugar crop diseases. My findings have culminated in several research papers, published in reputed national and international journals.

- Part of research team that came up with COLK 8101, COLK 8102 varieties of sugarcane
- Did extensive work on resistant varieties of sugarcane and priority of theme of inheritance of resistance against red rot disease – known as cancer of sugarcane
- **Published ~200 papers (national and international journals)**
- **Received lifetime achievement award from Indian Phytopathological Society of India**
- Member of editorial board in Indian journals

### **Extension and Social Awareness**

In addition to phytopathological research work, I had the privilege of making contributions in:

- Mass Communication for social Awareness of e-farming system.
- Transfer of Technology and Rural Development.
- Training and Development through extension activities.
- Research Mgt. including Project Planning and Project Management.

### **Administrative Experience and Competence**

Through I have been working as Scientist but from time to time I have had the opportunity to harness my management skills and competences, organization of seminars/symposia/training meeting/press conferences/conferences of societies have been part and parcel of duties as

scientist. In addition to these, I have contributed in revision of course and curriculum of botany and plant pathology of several agriculture universities and colleges. I have also attended selection committees for promotion and appointment of scientist/faculty members in the University/institutions. I too have been external examiner of UG, PG, and Ph.D. in most of U.P. University and Colleges. Appointed as a Advisor/Expert ASRB & other Central Commission, New Delhi.

- *Member*: Management Committee of ICAR, Institutes; Rural Advisor Committee of Electronic Media Lucknow since 1976
- *Comperere*: Agriculture / Rural Development / Current Affairs Programs on Electronics Media since 1980
- *Councilor*: Indian Phytophathological Society, 1987
- *Fellow*: Indian Phytophathological Society (FPSI) 1989; Indian Society of Mycology & Plant Pathology; Plant Pathologists Society of India, 1993.
- Conducted examinations & evaluations (Graduate, Post Graduate and Ph.D) of many Universities viz. Pantnagar, Kanpur, Bundelkhand, Faizabad, Gorakhpur, Allahabad and Lucknow
- Managed several press conferences of different dignitaries both in and out-side the institute
- **Take speaking assignments** in various national and global conferences on agriculture on a regular basis as an agro-expert, and on panel discussions on media channels
- Special member of *Advisory committee* of Magazine 'Paidawar

### **Contributions to Rural Development and Social Awareness**

Indian Society is basically agrarian one. Therefore all progress is directly or indirectly related to agriculture and rural development through social awareness.

My experience work and interaction has mostly been in the field of Agri. Sciences as an expert scientist. For the last 38 years, I have worked on awareness and surveys concerning farmers protection, social forestry, environment pollution, congregation of traditional farming practices, involvement in the non-farmer activities of villagers.

I have shared my knowledge in the form of various programs on AIR and Doordarshan shows/Live-talks and have **compered more than 5000 programmes since 1976**, all related to Agricultural Sciences and rural development. I have participated in Krishi Darshan Gramodaya, Chaupal programs on Doordarshan that have been a platform for me to extensively have dialogues with people and learn about their problems and aspirations, since 1980. I am member of rural development and Agri. Science advisory committee of electronic media at Lucknow.

I have also been in close contact with rural people regarding their training and development and transfer of technology in the villages through Krishi Vigyan Kendras. Whatever experiences and expertise in agriculture and rural development I have gained has been useful in spreading social awareness among rural masses. My specialization in Agri. Sciences has immensely helped and in identifying the areas in which work has to be done for their development. I have developed plan, project and blueprint to meaning-full education, research and extension cum social awareness services of Agri. & Rural Development.

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