

## **Brief Profile of Dr. (Ms.) Neelam Patel**

Dr. (Ms.) Neelam Patel is currently working as Incharge, Centre for Protected Cultivation Technology and Principal Scientist, Water Technology Centre, Indian Agricultural Research Institute (IARI), New Delhi after graduating in Agricultural Engineering from Allahabad Agricultural Institute in 1994 and doing her Master's degree from Indian Institute of Technology, Kharagpur, West Bengal in 1996 and Doctoral degree from Indian Agricultural Research Institute, New Delhi in 2007. Dr. Neelam Patel has contributed significantly in the field of precision farming particularly in protected cultivation and micro irrigation. Working as member FAD -17 in BIS for formulating the different standards of irrigation system. Developed guidelines and designs of micro irrigation systems and protected structures and field implementation in climate-challenged areas; Recipient of Dr. Ram Nath Singh Award of IARI, New Delhi during 2002; Dr. Rajendra Prasad Award of Indian Council of Agricultural Research 2004 and prestigious WATSAVE ANNUAL AWARD 2006 for Young Professional International Commission on Irrigation & Drainage (ICID-CIID) for outstanding contribution to Water Savings and Water Conservation in Agriculture thereby enhancing the beneficial and sustainable use of the critical resource i.e. water; Best paper award of International Commission on Irrigation & Drainage (ICID-CIID) 2006 in recognition of the outstanding paper contributed to Irrigation and Drainage – the Journal of ICID; Agricultural Engineering Division Prize of Institution of Engineers (India) 2006; Golden Jubilee Award of Fertilizer Association of India 2007 for doctoral research in fertilizer usage; Dr. Ramnath Singh Award, IARI, New Delhi in 2007 for the best book authored in Hindi during year 2007; Special Award of Indian Society of Agricultural Engineers 2011 for contribution in the field of Agricultural Engineering; Outstanding book award -2014 of Indian Society of Agricultural Engineering for the book entitled “Drip Irrigation” published by ICAR, Leadership Award-2014 by the Soil Conservation Society of India for the contribution in the field of Soil and Water Conservation Engineering and Gold medal -2016 by the Soil Conservation Society of India for the contribution in the field of Soil and Water Conservation Engineering. Recently, she received prestigious Panjabrao Deshmukh Outstanding Woman Scientist Award -2015 of Indian Council of Agricultural Research, DARE, Government of India.

Dr. Neelam Patel is an accomplished researcher. Five computer software and expert systems, eight books, nineteen technical bulletins, two documentary film besides a large number of research articles were authored by her on the research presented for this award. Dr. Patel has also conducted a large number of training programs for state government officials and farmers for popularizing precision farming technologies including, those developed by her.