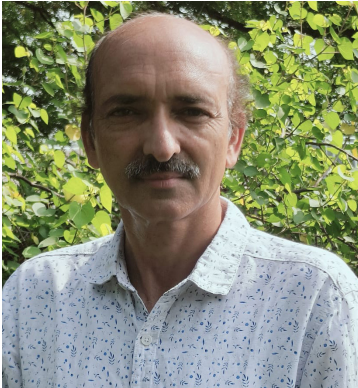
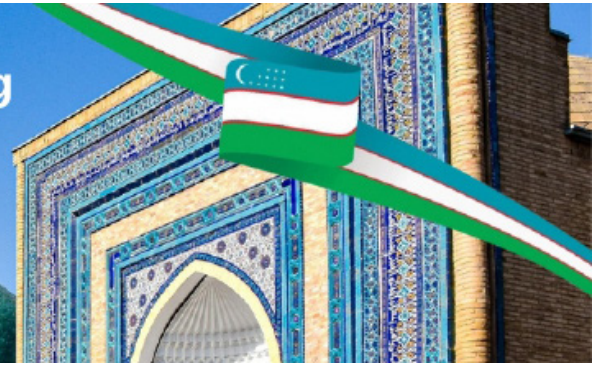




ICAC's 82nd Plenary Meeting

International Hotel
Tashkent, Uzbekistan

29 Sept - 3 Oct 2024



Dr Dharminder Pathak

Dr Dharminder Pathak earned his Master's Degree and PhD in Plant Breeding at the Punjab Agricultural University, Ludhiana, India. He currently serves as Principal Cotton Breeder (Professor) in the Department of Plant Breeding and Genetics at Punjab Agricultural University, Ludhiana. He has developed 25 cotton cultivars of Upland cotton and desi cotton (*G. arboreum*) as well as one variety of celery. Dr Pathak has been instrumental in initiating and strengthening wide hybridization research in cotton at Punjab Agricultural University, which resulted in the successful introgression and mapping of cotton leaf curl disease (CLCuD) resistance from diploid wild cotton species, *G. armourianum* to Upland cotton. He has also developed pre-breeding lines with resistance to whitefly utilizing a "Synthetic Cotton Polyploid." The other traits of interest include resistance to leafhopper, thrip, pink bollworm, and drought tolerance.

Dr Pathak teaches courses in genetics and plant breeding to undergraduate and postgraduate students. He has successfully guided 11 MS and two PhD students as Major Advisor. He has been published in national and international high-impact journals and has handled several competitive projects as Principal Investigator. He was Visiting Scientist in the laboratory of Dr Jonathan Wendel, Iowa State University, Ames, USA. For his contributions in cotton breeding, Dr Pathak was awarded "Appreciation Certificate" (2019) by Punjab Agricultural University; and "Rao Bahadur V. Ramanatha Iyer Award" (2023) by the Indian Society for Cotton Improvement, Mumbai.