

## 2017 Awardee



### **Outstanding Alumnus Award of College of Basic Sciences and Humanities**

**Prof. V. K. Chaudhary**

Dr. Vijay Kumar Chaudhary, Id No. 7214, Batch 1973, is a Professor at Department of Biochemistry, University of Delhi South Campus. His association with G.B. Pant University of Agriculture and Technology (GBPUA&T) stems back to 1973, when he joined College of Basic Sciences and Humanities and completed M.Sc. in Biochemistry (ID No 7214) in 1975. He continued at GBPUA&T for Ph.D. under Professor U.K. Misra and completed it from VPCI, University of Delhi (DU) in 1983. He served as Clinical Biochemist at Escorts Medical Centre, Faridabad from 1981-85. During 1985-90, while working at National Institutes of Health (NIH), USA under Dr. Ira Pastan, he pioneered the design and production of the world's first recombinant immunotoxins for targeted therapy of cancer and AIDS, which won him NIH Directors' Award in 1991. He joined DU in 1990 and served as Head of Department of Biochemistry for 3 terms. At present, he is also the Director, Centre for Innovation in Infectious Disease Research, Education and Training, DU.

In 1998, his group developed reagents for phage display technology, which were licensed to M/s Pharmacia (now GE Healthcare). In 2000, his group developed a novel point-of-care test, NEVA-HIV for the detection of HIV (AIDS), which won him Biotech Product and Process Development and Commercialization Award (2004), NRDC Award (2004), and WIPO Medal for Best Invention (2004). The test was commercialized by M/s Cadila Pharmaceuticals Ltd., Ahmedabad. His recent work on development of TBConfirm, a test to confirm the presence of *M. tuberculosis* in cultures was awarded Biotech Product and Process Development and Commercialization Award (2014) and received Visitors' Award for innovation from the Hon'ble President of India (2015). This test will be commercialized by M/s SPAN Diagnostics, Surat (now Arkray Health Care India).

Professor Chaudhary has more than 85 publications in high-impact international journals and more than 15 US and several Indian patents to his credit. He is a Fellow of National Academy of Sciences. He has been a member/Chairman/Co-Chairman of Task Force committees of DBT, ICMR, DST, BIRAC, IKP-knowledge Park etc., and has served as consultant/Advisor to many Bio-pharmaceutical companies. He is deeply involved in several policy-making committees of DU.