

INSA INDO-AUSTRALIA VISITING FELLOW



Indian National Science Academy, New Delhi has awarded Indo-Australia Fellowship programme to Dr. Santosh Kumar Tiwari, Department of Genetics, Maharshi Dayanand University, Rohtak. This prestigious fellowship has been awarded to 20 candidates out of 174 applications received from all over India. Under this programme, Dr. Tiwari will visit world's renowned crystallographer Prof. Fasseli Coulibaly, Monash University, Australia to conduct research on structure-function relationship of bacteriocin of *Lactobacillus*. He will also visit Professor Sanjay Patole laboratory, KEM hospital, Perth to understand the therapeutic applications of these bacteriocins and deliver a lecture on "Therapeutic applications of bacteriocins of probiotic lactic acid bacteria". Bacteriocins have shown great advantages over clinical antibiotics for least resistance developments for pathogens.

Since its inception, Department of Genetics is extensively involved in teaching and research. The Department is supported by UGC-SAP, DIST-FIST and UGC Innovative programmes which provides suitable environment for each faculty member to work in harmony and cohesiveness. Under this Department Dr. Tiwari's laboratory is involved for the development of antimicrobial peptides as an alternative to clinical antibiotics and food preservative. His laboratory has been supported by various national funding agencies such as UGC, CSIR, DST, DBT and ICMR and his work has been recognised by several international journals of repute. Previously he was also awarded with Indo-US research fellowship by Indo-US Science and Technology Forum, New Delhi. For his contribution to research and achievements, Vice Chancellor, MDU, Rohtak Prof. B. K. Punia, Registrar Sh. Jitender Bhardwaj, Dean Faculty of Life Science Prof. P. K. Jaiwal and Head, Department of Genetics, Prof. J. P. Yadav congratulated and wish him good luck for successful completion of the international programme. The Deans and Heads of other Departments were also present congratulated for the same.