

The Second Rashtriya Yuva Vaigyanik Sammelan was organized jointly by Uttarakhand State Council for Science & Technology (UCOST), Dehradun and Vigyana Bharati at Doon University, Dehradun during 6-7th February, 2010. It will focus on the “Modern Challenges before Young Scientists of India”. Therefore, the broad areas covered under this theme represent the burning problems facing the country which require immediate attention of the scientific community of the country in general and young scientists in particular.



At this reputed platform, Dr. Yogesh Kumar Negi (Lecturer Microbiology) represented the institute as one of the contestant for the prestigious ‘Young Scientist Award’ in the theme of ‘Modern Challenges in Agriculture and Technology’. His work adjudged “Fluorescent Pseudomonads: The Useful PGPRs for Small Farm Agriculture” was ranked best and he was awarded as Young Scientist in the above theme. Dr. Negi, in his talk highlighted the basic problems of small farm agriculture. He told that the microbial diseases are becoming the major threat to successful cultivation of agricultural crops. Though, use of pesticides/ fungicides is an effective treatment but that posse harmful effect on microbial ecosystem of the region and increases resistance among the pathogens. Indiscriminate and irrelevant use of such measures by the farmers aggravates the problem more. Therefore, use of eco-friendly alternative like Plant Growth Promoting Rhizobacteria is always a good option that restores the microbial ecology as well inhibits the pathogenic population to reduce crop losses. In conclusion he emphasized on use of local microbial strains as those are well adapted to the environment and show less variability when used at farmer’s field.

Before this, Dr. Negi has received National award ‘Pesticides India’ in 2006 for his Ph. D. work.