



Jigyasa Programme: CSIR-NISTADS

31st January, 2019

CSIR-National Institute of Science, Technology and Development Studies, New Delhi organized an exposure/innovative Jigyasa research programme Ayur Vatika, WASIS - “Water-Efficient Automated Smart Irrigation System” and Intuitive Cognition for the teachers and students of Kendriya Vidyalaya Sangathan on January 31st, 2019 under the “**Jigyasa**”-**Student-Scientist Connect Programme**.

Dr. M. Rais, Senior Principal Scientist and Nodal Officer of Jigyasa programme at CSIR-NISTADS welcomed the teachers and students. He chaired the session and gave detailed orientation about the CSIR-NISTADS activities related to Science, Technology & Society under the Jigyasa programme. He participated in the all Jigyasa programme with students and teachers and encouraged them to adopt a scientific approach towards life.

About 111 students from KVS A-2, Block, Keshav Puram, Delhi-110035 along with 10 teachers participated in this programme. Dr. Suman Ray, Senior Scientist briefed about Ayur Vatika – Reference to herbal medicines found in all the four Vedas (Rigveda, Yajurveda, Samaveda and Atharvanaveda) Increasing proportion of the population today relies on complementary therapy involving herbal medicine and customizable to your health needs (for more information visit on **web portal URL: <http://nulm.co.in/p/csirnistad/>**). Dr. Kasturi Mandal & Sh. Avinash Kshitij, Scientists briefed about WASIS – The main objective of WASIS then is to develop an automated irrigation system that responds to crop water requirement and field conditions like soil, moisture and rainfall. It is **Water Efficient, Automated, Smart, Customizable, Easy to Operate and Cost-Effective**.

Dr. Kasturi Mandal, Dr. Shiv Narayan Nishad & Sh. Avinash Kshitij, Scientists briefed about Intuitive Cognition - Mapping of cognitive skill, Narration and characterization of intuitive knowledge, modern scientific perspective of intuitive knowledge. There is enormous transformative potential of IK in different spheres of education and learning.

