



**NATIONAL AGRICULTURE HIGHER EDUCATION PROJECT-
INSTITUTIONAL DEVELOPMENT PLAN
DR. BALASAHEB SAWANT KONKAN KRISHI VIDYAPEETH,
DAPOLI, DIST. RATNAGIRI**

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**Institutional development for enhancing learning outcome, academic diversity,
entrepreneurship, and employability.**

DBSKKV-D, Weekly activity report from 17.11.2023 to 23.11.2023

- Activity 1: Three faculty members from DBSKKV Dapoli are set to embark on an international training program at Hue University, Vietnam, facilitated by NAHEP IDP DBSKKV Dapoli. A successful pre-departure and orientation ceremony took place on November 23, 2023, at Idea Lab NAHEP IDP DBSKKV Dapoli, led by Dean and Director of Instruction, Dr. Prashant Bodake.
- Activity 2: Dr. Prashant Bodake, the Principal Investigator of the National Agricultural Higher Education Project (NAHEP) and Dr. Santosh Sawardekar Co-Principal Investigator of the NAHEP IDP DBSKKV Dapoli at Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth (DBSKKV) Dapoli, actively engaged in promoting agricultural education and research. They both met with Education, Industry, and Agriculture ministers to extend invitations for a program aimed at fostering agricultural interest among school children. Additionally, Dr. Prashant Bodake, participated in the 22nd Biennial Conference of the Indian Society of Agronomy and Climate-Smart Agronomy at ICAR Research Complex, Goa, from November 22nd to 24th, focusing on resilient production systems and livelihood security.
- Activity 3: Fourteen selected students from DBSKKV Dapoli are currently engaged in international training at Hue University, Vietnam, under the auspices of NAHEP IDP DBSKKV Dapoli. The program, held on November 21 and 22, 2023, covered a spectrum of activities related to mushroom cultivation techniques, led by Dr. Vu Tuan Minh. The students delved into topics such as Vietnamese mushrooms, encompassing both edible and medicinal varieties, as well as market trends and consumption patterns in Vietnam. The training also explored the intricacies of mushroom formation, its life cycle, nutritional aspects, and external factors affecting cultivation. Sessions on Vietnamese cultivation practices, mushroom house design, and the technological processes involved, including raw materials handling, inoculation, fruiting induction, and packaging, provided a comprehensive understanding. On November 23, 2023, the students received training on the application of agricultural drones from the Agridrone Team, covering drone structures, flight safety conditions, and rules. The following day, Dr. Thuy conducted a lecture on "In vitro culture." Evening sessions included flute training classes, while the previous day saw students actively involved in practical sessions focusing on Mushroom Grade 1 seedling production, involving varieties such as King trumpet, ear mushroom, Enoki, and Rice straw mushroom.

- Activity 4: A cohort of students from Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth (DBSKKV) in Dapoli, India, is actively engaged in an enriching International Training program at Michigan State University, USA, organized by NAHEP IDP DBSKKV Dapoli. During their visit to MSU, they explored the Plant, Soil, and Microbial Science Department, immersing themselves in a crop science class. The students also delved into the realms of the Natural Resources Department and had the privilege of meeting Dr. Catherine Ernst, the Chair of the Department of Animal Science, who provided them with valuable insights. Additionally, they participated in a session with Dr. Gary Roloff, the Chair of the Department of Fisheries and Wildlife. Dr. Karim Maredia facilitated a meeting with seven MSU undergraduate students from CANR, offering a deeper understanding of the education system at Michigan State University.
- Activity 5: Fifteen distinguished students from Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth (DBSKKV) Dapoli are actively engaged in an enriching international training program at Can Tho University in Vietnam. Organized by NAHEP IDP DBSKKV Dapoli, the participants have immersed themselves in sessions on Smart Agriculture led by Dr. Dang Duy Minh and High-tech Agriculture by Dr. L Cao Thang. The program further includes hands-on lab sessions, providing valuable practical insights under the guidance of both esteemed experts.
- Activity 6: A group of exceptional students from DBSKKV Dapoli is currently engaged in an enriching international training program at the esteemed University Putra in Malaysia. This initiative, meticulously organized by NAHEP IDP DBSKKV Dapoli, has provided these students with invaluable insights into cutting-edge agricultural practices. During their visit to the Department of Agricultural Engineering, they explored the Smart Farming Techno Research Centre, delving into the intricacies of spraying drones, mapping drones, and soil EC mapping. Additionally, the students gained profound knowledge about Nutrient mapping through sensors mounted on tractors. Dr. Nik Norosina's enlightening sessions at the University elucidated advancements in Agtech and automation. The field visit to Muskmelon protected cultivation further expanded their understanding, particularly in automatic irrigation and fertigation techniques.
- Activity 7: Dr. Santosh Sawardekar and Dr. Rajesh Thokal, Co-Principal Investigators of the NAHEP IDP DBSKKV Dapoli, actively engaged in a webinar hosted by ISCAR focusing on small millets on November 24, 2023. Additionally, they participated in the Annual General Meeting (AGM) organized by ISCAR, showcasing their commitment to advancing agricultural knowledge and research.

Principal Investigator,
NAHEP-IDP, DBSKKV, Dapoli

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Fourteen DBSKKV Dapoli students, sponsored by NAHEP IDP, are currently immersed in international training at Hue University, Vietnam, exploring mushroom cultivation techniques, Vietnamese varieties, market trends, nutritional aspects, and agricultural drones, led by experts like Dr. Vu Tuan Minh and Dr. Thu, covering topics from cultivation practices to in vitro culture, complemented by practical sessions on Mushroom Grade 1 seedling production.

