

Directorate of Agriculture Engineering M.P. Bhopal

SUCCESS STORY (RKVY)

1. **Title** : Establishment of Skill Development Training Centers.
2. **Category** : Agriculture Infrastructure Development
3. **Challenges/Gap** : In the sector of agriculture mechanization work force are required to have higher levels of skills and knowledge which will enable them to complete their tasks efficiently so as to meet the required quality standards and increase the efficiency. Due to the rapid technological changes, and rising population of agriculture implements and machineries in the state, jobs are increasingly becoming skill-intensive leading to skill shortages. Thus it is required to establish such training centers so as to upgrade the skills of the workforce in order to facilitate them in applying and diffusing the newly adopted technologies. Such challenges are greater for developing states like Madhya Pradesh, which needs more skilled workforce. Unfortunately only 1 formal education institute namely Collage of Agricultural Engineering, Jabalpur and 2 vocational education institute namely Central Institute of Agriculture Engineering, Bhopal and Central Farm machinery training and testing Institute, budni in the sector of farm mechanization are in the state.
4. **Initiative** : Under the Rashtriya Krishi Vikas Yojna 5 skill development training centres established at divisional head quarters namely Bhopal, Jabalpur, Sagar, Satna and Gwalior in the state. These centres are fully furnished with basic and modern amenities. The centres imparting trainings to the rural youths with the private partners. Leading tractor manufacturers of the country like Mahindra and Mahindra Ltd., CNH india Pvt, Ltd. (Formerly known as New Holland Fiat India Pvt. Ltd.) and John Deere India Pvt. Ltd., are the training partners of these centers. These centres are running under Pradhan Mnatri Kaushal Vikas Yojna

and affiliated to Agriculture Skill Council of India. Training programs are organized on tractor mechanic and harvester operator course as per guideline of Agriculture Skill Council of India for the courses. After successful completion of training every successful trainee is provided with a certificate by Govt. of India under PMKVY scheme.

5. **Key Results/Insight/Interesting Facts** : Since inception of these centres about 1000 youths have been trained so far. With the success of these centres Govt. emphasis to establish such more centres in the state. In the directives laid down by the govt. one such centre at Indore is under construction.
6. **Impact** : As the trainees are from rural background having agriculture as main occupation, development of their skill about maintenance of tractor has lead to effective and low cost maintenance of tractors in their vicinity.
7. **Lesson Learned** : Tractor mechanic and combine harvester operator trained from these canters are doing their best to repair and maintenance of tractors and operation of harvesters respectively. one other sector is micro irrigation which requires trained manpower for installation, testing, commissioning of Micro Irrigation System at farmer's field for better water management and increase in yield of crop. Though the arrival of micro Irrigation system is almost accepted by the government still a need of learning the technique is seen. Just by getting introduce with the upcoming technology doesn't yield the output. Farmers specially unskilled laborer's need to change their way of doing irrigation, when they are on the verge of implementing new technique they should also adapt to changes which are needed for the successful implementation of Drip Irrigation. Lack of skilled workforce in the micro irrigation sector tends to under utilization of system and rapid degradation of the system components. Therefore it is essential to match the micro irrigation system with an appropriately skilled and knowledgeable management team.
8. **Supporting quotes and images** :



Pic.-1. Skill development training center Jabalpur M.P.



Pic.-2. Trainer delivering training to participants at Skill development training center.



Pic.-3. Participants getting practical training at skill development training center



Pic.-4. Audio visual class room training to participant at skill development training center.



Pic.-5 In depth technical training to participants at skill development training center.