Over the years, India has experienced several revolutions viz., green, yellow, blue, white and brown but the most notable is the green revolution. This revolution was claimed as a success by projecting that it had made the nation self-reliant with surplus food for the ever increasing population. The misplaced glory of Green revolution was on the basis of the use of High Yielding Varieties, heavy doses of chemical fertilizers, pesticides, and heavy farm mechanization that led to unprecedented pressure on our natural resource base. The heavy chemical dosage deteriorated the physical, chemical and biological properties of soil, increased soil salinity and pollution of ground water resources. The use of pesticides has been posing serious environmental and health problems. The cultivation of High Yielding Varieties has resulted in reduction of on-farm green biomass, thereby changing the mode of traditional agriculture resulting in the disappearance of cattle from the farms, reducing biodiversity, reducing biological productivity, reducing nutrient recycling. Therefore, application of organic farming is viable way to improve soil fertility, quality of crops and minimizing the hazardous effects of chemicals.

Forest Research Centre for Eco-rehabilitation organized three days training programme (18-20 February 2020) entitled ORGANIC FARMING with the objective to create awareness amongst stakeholders of the region for adopting methods of organic farming. Training was funded by Ministry of Environment Forest and Climate change (MoEF & CC), Govt. of India, New Delhi. Application of organic farming is viable way to improve soil fertility, quality of crops and minimising the hazardous effects of chemicals. Training was attended by thirty different stakeholders.
The training venue was Madhavpur village Bigahiya located in Soraon block of Prayagraj. The Chief Guest was Prof. H. B. Singh, Former Head, Department of Mycology & Plant Pathology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi. Dr. Ram Swaroop Meena Assistant Professor, Dept. Of Agronomy, B.H.U, Varanasi was the guest of honour. Other local guest were Mr. Kripa Shanker Mishra, Manager, Bane Madhav, P. G. College and Village Pradhan Mr. Laxmi Kant Prajapati, Principal degree college Dr. Devendra Vikram Singh and art teacher Dr. Gyan Singh. The program was inaugurated with lightening of lamp by chief guest and other delegates.

The programme started with the welcome address by Head, FRCER Dr. Sanjay Singh who highlighted the importance of organic farming. He emphasized that Organic farming method involves growing and nurturing crops without the use of synthetic based fertilizers and pesticides. Dr. Ram Swaroop Meena informed about the technology spread across the world as it was considered the revolution in agriculture. He highlighted that conventional farming methods come with a host of problems including health related diseases like cancer, pollution, degradation of soil and water, and impact on domestic animals. He focus that Organic farming is a technique, which involves cultivation of plants and rearing of animals in natural ways. This process involves the use of biological materials, avoiding synthetic substances to maintain soil fertility and ecological balance thereby minimizing pollution and wastage. Dr. Kumud Dubey, Scientist FRCER also shared her experiences related to organic farming. Prof. Dr. H. B. Singh, Chief Guest focused that the need of the hour is sustainable cultivation and production of food for all. The Green Revolution and its chemical based technology are losing its appeal as dividends are falling and returns are unsustainable. Pollution and climate change are other negative externalities caused by use of fossil fuel based chemicals. In spite of our diet choices, organic food is the best choice to ever make, and this means embracing organic farming methods. The inaugural programme ended with vote of thanks by Dr. Anita Tomar,Scientist FRCER . The saplings of *Tectona grandis* and *Aegle marmelos* were planted by Chief Guest and guest of honor in the campus, in presence of all the participants and officials and staff of FRCER along with invited guests.
19th February 2020

On second day under technical session class lecture was structured. First lecture was delivered by Dr. Anita Tomar, Senior scientist from FRCER. She highlighted the key features of Organic farming such as protecting soil quality using organic material and encouraging biological activity. Dr. Kumud Dubey spoke about Bio-fertilizers and Bio-pesticides, Dr. Anubha Srivastav discussed about Trichoderma and Sh. Alok Yadav about treatment of farm / household waste and other products. External Resource person Dr. Aslam Hader Zaidi from Agron organics spoke about Organic products Certification.

In afternoon session field visit to Naribari village in Shankargarh block of Prayagraj was conducted by Shri Satyendra Singh (Sehkar Kendra), leader of SHG and Entrepreneur of organic products at Prayagraj. Trainees visited organic farming site of the progressive farmer Shri Ram Abhilash Patel who is recipient of President Award for organic farming by Dr.A.P.J. Abdul Kalam in 2005 and in 2014 by President Pranav Mukherjee. The farmer has formed a self help group (SHG) of approx. 20 farmers who are cultivating purely organic products (Agriculture as well as trees in forestry).

20th February 2020

On third day Shri Avinash Kumar, representative from U.P. Agriculture department, Prayagraj spoke on Zero Budget Prakriti Kheti.

A progressive farmer named Sri B. D. Singh at village Kodapur, Phoolpur block Prayagraj) has established a small scale industry in the village and involved in preparation of many organic products at village level. The trainees visited manufacturing unit of vermin-compost by solid waste with a view to study detailed processing as well as its trade and marketing for extending the process of manufacturing in other areas for employment generation to the local farmers, thus, strengthening economic level of farmers.

Shri B.D.Singh explained about Vermicompost (also called worm compost, vermicast, worm castings,worm humus or worm manure) the end-product of the breakdown of organic matter by some species of earthworm. Vermicompost is a nutrient-rich, natural fertilizer and soil conditioner.

The trainees also visited the small scale industrial unit for products made by him like various products from Aonla & Satavar as Aonla & Ber murabba ,pickles ,satavari etc.Trainees visited IFFCO Phulpur (Indian Farmers Fertilizer Cooperative Limited) for Bio-fertilizers & Bio pesticide units . A documentary film on products of IFFCO were also shown to them .

In valedictory session, certificates were distributed and trainees shared their experiences.
Venue of training at village Madhavpur, Bhegaya

Registration of stakeholders of Training

Participants of Training program
Inaugural Session: 18th February 2020

Umbrella Scheme of Forestry Training and Capacity Building
(Training of other Stakeholders in 2019-2020)
Organic Farming
Welcome address by Head, FRCER

Address by Guest of Honour, Dr. Ramswaroop Meena

Address by Dr. Kumud Dubey, Scientist

Address by Sh. Kripa Shanker Mishra, Manager

Address by Chief Guest Prof. N. B. Singh

Vote of thanks of Dr. Anita Tomar
Umbrella Scheme of Forestry Training and Capacity Building

(Training of other Stakeholders in 2019-2020)

Organic Farming

Release of Technical Manual of Training

Memento to Chief guest Prof. Singh

Planting activity
Information about Vermicomposting to farmers in Stall

Inaugural Group Photograph
Resource persons

Dr. Kumud Dubey

Dr. Aslam Hader Zaidi

Shri Avinash Kumar

Dr. Anita Tomar

Experience sharing of Mahila Kisan Ms. Sanjana
Field Visit to progressive farmer Shri Ram Abhilash Patel who is awarded with President award for organic farming by President A.P.J. Abdul Kalam in 2005 and in 2014 by President Pranav Mukherjee
Visit to IFFCO, Phoolpur, Prayagraj

Visit to Progressive farmer village at Kodhapur
Valedictory session

Certificate distribution

Group Photograph
उबर्रा स्कीम ऑफ फॉरेस्ट्री ट्रेनिंग एण्ड कॅपॉसिबिल्टी बिल्डिंग
(ट्रेनिंग ऑफ ओटर स्टैक्हहोल्डर्स इन 2019-2020)

सहजसत्ता हिंदी दैनिक अखबार
जैविक खेती उद्घाटन—18.02.2020

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