

Training on “Agroforestry” Van Vigyan Kendra, Gorakhpur

15th March, 2021-19th March, 2021

Van Vigyan Kendra, Gorakhpur has been established with objective to disseminate various technological acknowledge of ICFRE among the stake holders in eastern Uttar Pradesh. Van Vigyan Kendra, Gorakhpur is a joint venture of FRCER, Prayagraj and Gorakhpur Environment, Forest and Climate Change Division.

Day 1st (15.03.2021)

In accordance of this, as a prelude, a five days training programme was organized on “Agroforestry” from 15th March, 2021 to 19th march, 2021. Stakeholders of the training programme were farmers, officials from forest department, representative from Non Governmental Organization, social workers etc. The event was organized in collaboration with Gorakhpur Forest Division. The training was initiated by the registration of trainees.



Registration of Trainees

Inauguration:

The training programme was inaugurated on 15th March, 2021 by the Chief Guest Shri A. K. Pandey, IFS and Retired Principal Chief Conservator of Forest (HOFF), Environment, Forest and Climate

Change Department, Bihar. Dr. Kumud Dubey, Scientist and Extension Incharge FRCER, Prayagraj welcome the Chief guest Shri A. K. Pandey and the special guests Shri Avinash Kumar, IFS and Divisional Forest Officer (DFO), Gorakhpur Forest Division and Shri Devendar Singh, Divisional Sales Manager (DSM), Uttar Pradesh Forest Corporation, Gorakhpur. She gave a brief introduction of VVK. She explained about the concept of Van Vigyan Kendra (VVK) and its objectives.

In inaugural address, Shri A. K. Pandey mentioned that the concept of VVK establishment is extension of forestry and the technologies developed by different institutes of the Indian Council of Forestry Research and Education, Dehradun. Since the eastern Uttar Pradesh is far lagging behind in adoption of different forestry technologies and forestry extension is essentially required in this region. The ICFRE, Dehradun step to establish VVK in Gorakhpur will have a remarkable impact on forestry practices by the local population and it will definitely improve the livelihood of local people.

During inauguration, Shri Avinash Kumar, IFS and Divisional Forest Officer (DFO), Gorakhpur Forest Division and Shri Devendar Singh, Divisional Sales Manager (DSM), UP Forest Corporation, Gorakhpur, both had praised the step of VVK in Gorakhpur and promised their all help and support in execution of VVK activities, whenever required.

At the end of the inauguration ceremony, vote of thanks had been given by Dr. Kumud Dubey to all guests and participants of the training programme.





Technical Session (15.03.2021):

In technical session, Shri A. K. Pandey had delivered the lecture on Mahogany (*Swietenia mahagoni*) and its prospects in Agroforestry of eastern Uttar Pradesh. It is important multipurpose fast growing timber species. The heartwood is highly resistant to decay and insect attack. He told that it is stable in shape and able to hold shape much better than other woods of similar densities. The wood works well and finishes to an exceptionally smooth, lustrous surface. The wood is therefore the choice for high-quality furniture and cabinetwork, joinery, boats and pattern work. Wood carvers use a significant amount of the wood in turnery and sculpture. Its root has less competition with roots of agriculture crops for nutrients and water, therefore preferable agroforestry species. He

informed about its seed availability, nursery techniques and plantation methodology. He mentioned its utility and benefits in agroforestry and farmers can get a handsome price out of it.



In technical session, second lecture was delivered by and Shri Devendar Singh, Divisional Sales Manager (DSM), UP Forest Corporation, Gorakhpur. He explained about the marketing of different produce of agroforestry and role of Uttar Pradesh Forest Corporation in marketing. He informed that UP Forest Corporation is planning to launch an ‘app’ for bringing farmers/ sellers and buyers/ industries at one platform to facilitate the marketing of agroforestry produce.



In the end of session the queries of the trainees were answered by the experts. The session was ended by the vote of thanks to both experts by Dr. Kumud Dubey and by presenting souvenir to both experts.



Field Visit: Agroforestry sites had been visited in Gorakhpur. Some teak, Eucalyptus based agroforestry established at farmers field, had been visited.



Day 2nd (16.03.2021)

Technical Session :

In the beginning , the first lecture was delivered by Dr. Kumud Dubey on *Melia dubia* and its Agroforestry. She told about its nursery, plantation techniques and its benefit as timber species in plywood industry. She referred this species as Money Spinning Tree.

The second lecture was delivered by Shri Bhimsen, Chief Conservator of Forest, Gorakhpur on *Eucalyptus* and its Agroforestry. He explained about its nursery, plantation techniques and its economics. He recommended the plantation of this species in moisture dominant sites. Dr. Kumud Dubey presented a souvenir to him.

After this Shri Sudheer Kumar, Range officer, Gorakhpur Forest Division delivered the lecture on nursery management. He explained about the selection of suitable land for the establishment of nursery. He told about different treatments of seeds for nursery raising of important forest species.





Field Visit: Gorakhpur Forest Division Nursery visited and importance of avenues and fruit trees, their plantations were explained by Dr. Kumud Dubey, Scientist, FRCER, Prayagraj.



Day 3rd (17.03.2021)

Technical Session I: First technical session started with welcoming of Shri V. K. Chopara, CCF(Eastern Zone), Gorakhpur by organizer of training programme and scientist Dr. Kumud Dubey. The first lecture of technical session was delivered by Shri V. K. Chopara, CCF(Eastern Zone), Gorakhpur. He delivered a lecture on common agroforestry and its economic and ecological advantages. He mentioned that without practicing agroforestry at farmers field, the goal of 33 % of forest & tree cover cannot be achieved. The second lecture was delivered by Shri Avinash Pandey, ACF, Balia Forest Division. He delivered the lecture on Teak Agroforestry. He explained about its nursery techniques, its plantation and economic gain out of it. He mentioned teak as most favored tree species of agroforestry and called it as Green Gold. He also delivered lecture on mango orchard based agro forestry.



Technical Session II: In technical session II, the first lecture was delivered by Shri Bhuvaneshwar Pandey, progressive farmer and social activist. He explained about the plantation technology in detail. He specified about the use of biopesticide and farm yard manure during the plantation. The second lecture was delivered by Shri Sudheer Kumar, Range officer, Gorakhpur Forest Division. He delivered the lecture on Rule and regulations about felling and transit permits and its process. He mentioned that all processes have become online and time bound. He also informed about the species for which felling permit is not required. He told that new guidelines have been issued for felling and transit permits and new rules have simplified the process.



Day 4th (18.03.2021)

Technical Session: The technical session was initiated by the lecture of Dr. Kumud Dubey, Scientist, FRCER, Prayagraj. She delivered lecture on Organic Farming. She used the term Organic Forestry for the use of biofertilizers, vermicompost, biopesticides etc in forestry. She told about the microbial fertilizer and explained about the methodology to prepare it in farmer's field conditions. She also explained about the blue green algae biofertilizers and about VAM. She also delivered lecture on Mahua and fruit tree orchard based agroforestry. She also answered the queries raised by the forest officials regarding Organic Forestry. The session was ended by vote of thanks by Dr. Kumud Dubey.





Field Visit:

After technical session the trainees were taken for field visit. They have been explained about the establishment of the Modern Nursery by Dr. Kumud Dubey. She explained about the Poly house, green shed net and other structural component of Modern Nursery.



Day 5th (19.03.2021)

Technical Session & Valedictory Session:

The session was started by the welcome of Chief Guest Shri K. P. Dubey, the PCCF (Project), UP Environment, Forest and Climate Change DEpartment and State Mission Director Agroforestry and special guests Shri Avinash Kumar, DFO, Gorakhpur Forest Division and Shri Devendar Singh, Divisional Sales Manager (DSM), UP Forest Corporation, Gorakhpur by Dr. Kumud Dubey, Scientist and Organizer of the Training .

The technical session on fifth day of the training programme was initiated by the lecture of Shri Devendar Singh, Divisional Sales Manager (DSM), UP Forest Corporation, Gorakhpur. He explained about different value added products made up of wood and bamboo. He mentioned that after value addition we can sell bamboo valued of 100 Rs in thousands, even in lakhs. He informed about various industries involved in making different value added products from bamboo and woods. He informed that these industries are utilizing wood of Teak, Melia, Arjun, Gutel, Pongamia, Eucalyptus etc and bamboos for making decorative ply, composite ply, furniture and partitions.

The next lecture was delivered by Shri Shashwat Kumar Raj, the founder of 'The Helping Hand' NGO. He told about the importance of Self Help Groups in stimulatory role for Agrforestry Adoption. The SHGs are involved in motivation of farmers for adoption of Agroforestry.

The next lecture was delivered by Mr. Nayak. He explained about the establishment of nursery by farmers. He also informed about the

financial assistance from the Forest Department in the establishment of Nursery to the farmers.

The technical session was ended by the lecture of Shri Bhuvaneshwar Pandey, progressive farmer and social activist. He told about the medicinal and other type of important hers which can be grown in agroforestry. He also explained about the importance of Trees in our ecology. The session was ended with vote of thanks by Dr. Kumud Dubey to guest speakers.

Valedictory Session was started with formal welcoming address by Dr. Kumud Dubey, Scientist & Extension In charge, FRCER, Prayagraj. She briefly summarized about the lectures and field visits performed during five days training programme, 15th March to 19th March, 2021. After that she invited Shri Avinash Kumar, DFO, Gorakhpur Forest Division to speak regarding the training. In his address, Shri Avinash Kumar, DFO, Gorakhpur Forest Division described about the importance of Agroforestry in poverty alleviation of this region. He told that by adoption of Agroforestry . He mentioned that most of the farmers are using Teak, Arjun, Gutel, Mahogany etc as timber crop and mango, litchi, guava, lemon, pomegranate etc as fruit crops in agroforestry. He informed about the work going on under Mission Agroforestry. He informed about the financial assistance for agroforestry and ensured that any farmers can meet him for financial assistance for agroforestry. He told that such training are useful for stakeholders and expressed gratefulness for organization of such fruitful trainings under Van Vigyan Kendra, Gorakhpur.

After that, Dr. Kumud Dubey invited the chief guest to speak about Agroforestry and his expectations and opinion from such trainings under VVK. In his address of Chief Guest Shri K. P. Dubey, the PCCF

(Project), UP Environment, Forest and Climate Change DEpartment and State Mission Director Agroforestry, he informed about the government schemes like National Bamboo Mission, Medicinal Plant Cultivation etc going on in the state for promotion of agroforestry. He mentioned that organization of such trainings is defiantly enhance the awareness and adoption of agroforestry in the region. He expected that more trainings would be organized under VVK. He also suggested to widen the target groups of the training programme. He also suggested to involve CBARD working in Gorakhpur District. He informed that more regional extension centres should be established in Uttar Pradesh for greater impact. Uttar Pradesh Forest Department is working on it. He appreciated Dr. Kumud Dubey, Scientist & Organizer of training programme for successful execution.

After that trainees were invited for their Feed back about the training. In the end of the session, seedlings of trees and fruit species were distributed by the Chief Guest to participants. The Training programme was ended by the Vote of thanks by Dr. Kumud Dubey, Scientist & Extension Incharge , FRCER, Prayagraj. She expressed her gratitude to all forest officials of Gorakhpur Forest Division for assisting her in organization of Training Programme. She also thanked Media person for media coverage.



Five Days Training Programme on “Agroforestry” at Van Vigyan Kendra, Gorakhpur, 15th March- 19th March, 2021: Report compiled by Extension Officer-In-Charge





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Media Coverage:



जास, गोरखपुर : भारतीय वानिकी अनुसंधान एवं शिक्षा परिषद की ओर से गोरखपुर में स्थापित वन विज्ञान केंद्र में गुरुवार को कृषि वानिकी प्रशिक्षण कार्यशाला का आयोजन किया गया। इस दौरान वन विज्ञान केंद्र की इंचार्ज वैज्ञानिक डा. कुमुद सिंह ने कहा कि कृषि वानिकी को अपनाकर किसान आसानी से अपनी आय बढ़ा सकते हैं। खेत में फसल की बोआई करने के साथ ही मेड पर

सागौन, महोगनी, यूकेलिप्टस, टीका मिलिया दुबिया आदि के पौधे लगाकर किसान अतिरिक्त आय अर्जित कर सकते हैं।

कार्यशाला में डा. कुमुद ने वन विज्ञान केंद्र की स्थापना के उद्देश्य एवं कार्ययोजना के बारे में जानकारी देते हुए बताया कि वन विज्ञान केंद्र के जरिए पूर्वांचल के सभी जिलों में कृषि वानिकी के प्रति किसानों को प्रेरित करेगा। कार्यशाला में प्रभागीय

वनाधिकारी अविनाश कुमार,
गोरखपुर रेंज अधिकारी सुधीर कुमार,
फारेस्टर महेंद्र सिंह आदि मौजूद रहे।

सिविल लाईंस स्थित वन विज्ञान केंद्र परिसर में पांच लाख रुपये की लागत से अत्याधुनिक नर्सरी का निर्माण करा रहा है। इसके लिए पालीहाउस बनवाने के साथ ही ग्रीन नेट भी लगाया जा रहा है। सिंचाई के लिए ड्रिप और स्प्रिंकलर की भी व्यवस्था की जा रही है।



Dainik Jagran(Gorakhpur) 19th March, 2021

पूर्वांचल के किसानों को समृद्धशाली बनाएगा वन विज्ञान केंद्र : केपी दूबे

जासं, गोरखपुर: प्रधान मुख्य वन संरक्षक और कृषि वानिकी मिशन के निदेशक केपी दूबे ने कहा कि गोरखपुर का वन विज्ञान केंद्र पूर्वी उत्तर प्रदेश के किसानों को समृद्धशाली बनाने में अहम भूमिका निभाएगा। यह केंद्र किसानों को न केवल खेती के साथ बागवानी का तौर-तरीका बताएगा, बल्कि इस दिशा में पहल करने वाले किसानों की हरसंभव मदद भी करेगा। किसानों की मदद के लिए वन निगम खास तरह का एप तैयार करा रहा है, किसानों को कृषि वानिकी उत्पादों को बेचने के लिए असानी से और बड़ा बाजार उपलब्ध होगा।

प्रधान मुख्य वन संरक्षक ने यह बातें गोरखपुर में कुछ दिन पहले ही स्थापित वन विज्ञान केंद्र के तत्वावधान में आयोजित पांच दिवसीय कृषि वानिकी गोष्ठी को

मुख्य अतिथि के तौर पर संबोधित करते हुए कही। गोष्ठी में किसानों को खेती के साथ बागवानी करने का तौर-तरीका बताया गया। प्रधान मुख्य वन संरक्षक ने आयोजन के लिए प्रभागीय वनाधिकारी अविनाश कुमार और वन विज्ञान केंद्र की प्रभारी डा.कुमुद दूबे की सराहना भी की। उन्होंने बताया कि प्रदेश के दूसरे हिस्सों में भी इस तरह के आंचलिक वन विज्ञान केंद्र खोले जाएंगे। इससे पहले डा.कुमुद दूबे ने वन विज्ञान केंद्र की स्थापना के उद्देश्य और कार्ययोजना के बारे में बताया। प्रभागीय वनाधिकारी ने भी अपने संबोधन में कृषि वानिकी से जुड़ी महत्वपूर्ण जानकारियां किसानों को दीं। समापन समारोह को मुख्य वन संरक्षक भीमसेन और पर्यावरणविद भुवनेश्वर पांडेय ने भी संबोधित किया।

Dainik Jagran (Gorakhpur) 20th March, 2021