

## **Two Days Training cum Demonstration Programme on Poplar for Students of Sam Higginbottom University of Agriculture, Technology And Sciences (SHUATS)**

*Populus deltoides* (commonly referred to as poplar) is widely planted in agroforestry plantations in India. It is the most important tree of the Indian agroforestry system but due to non availability of germplasm farmers of Eastern U.P could not grow it in their land, so with the funding of Council of Science and Technology, Uttar Pradesh under the project entitled “*Poplar based Agroforestry in eastern U.P*” an efforts was made by collecting some promising clones cuttings of Poplar from Silviculture Division, Forest Research Institute, Dehradun.

Training cum demonstration programme was organized on 1<sup>st</sup> and 2<sup>nd</sup> February’ 2018 for the students of SHUATS. On the first day of Training senior Scientist Dr. Anita Tomar gave a lecture on Planting techniques of Poplar and its importance. Mr. Alok Yadav highlighted the importance of Indigenous species in Agroforestry. Dr.Anubha Srivastav describe in details about market of poplar in U.P and also focus on other important Agroforestry species like *Eucalyptus*, *Gmelina*, *Aonla* etc.

On second day students visited research centre nursery Padilla and students participated and planted twelve clones supplied by FRI viz. *L-90*, *L-200-84*, *L-89*, *L-87*, *S<sub>7</sub>C<sub>15</sub>*, *S<sub>7</sub>C<sub>20</sub>*, *S<sub>7</sub>C<sub>8</sub>*, *S<sub>7</sub>C<sub>1</sub>*, *S<sub>7</sub>C<sub>4</sub>*, *Udai*, *Kranti* and *Bahar* for Vegetative Multiplication Garden (VMG) of Poplar and also laid one demonstration trial of poplar, consisting of twenty clones viz. *G48*, *AM48*, *AM49*, *AM50*, *BR511*, *BR510*, *FS18*, *FS190*, *FS155*, *L-90*, *L-87*, *L-89*, *S<sub>7</sub>C<sub>1</sub>*, *S<sub>7</sub>C<sub>15</sub>*, *S<sub>7</sub>C<sub>20</sub>*, *S<sub>7</sub>C<sub>4</sub>*, *L-200-84*, *Bahar*, *Uday* and *Kranti* with 2 m spacing and 6 plants per row. Students also visited V.M.G of Poplar established in 2013 by Dr.Anita Tomar and clonal trial of *Eucalyptus* established under ICFRE project by Dr.Anubha Srivastav in 2017.

## First day classroom session at CSFER



## Second day session at Research Centre Nursery Padilla

### Poplar planting





## Field Visit



Clonal eucalyptus trial



Vegetative Multiplication Garden of Poplar



Sprouts in ten days old poplar cuttings in nursery



*Gmelina arborea* seedlings in Nursery

