



Department of Biotechnology

Students Enrichment Programme

Hands on Training on “Plant Propagation with plant tissue culture lecture session” at SRM University Chennai

SRM- Urban Farm Centre, SRM University - March 7, 2023

On March 7, 2023, a group of students (Second year , Third year & Final year- Biotech) from the Department of Biotechnology AVIT, Paiyanoor were scheduled for the **Hands on Training -plant propagation with Plant tissue culture lecture session in SRM- Urban Farm Centre”**- Faculty of Agricultural Science at SRM University in Kattankulathur. The Training was attended by a total of 44 students and 3 staff members –Dr.S.Shanumga sundar, A.Sasikala and M.Subathra. We proceeded from our AVIT campus at 9:00 am and reached the SRM University's Urban Farm Centre at 10:30 am.

Dr.C. Kanimozhi, Assistant Professor (Horticulture), SRM College of Agricultural Sciences, gathered the students in the classroom and addressed about their facility and plant propagation methods. The students attended an introductory lecture on the various agricultural advancements, including sensor-based farming, precision farming, micro-irrigation, remote sensing, and GIS in agriculture. They also learned about field mechanization, food preparation, and value addition, followed by a break at 11.30 a.m.



After the break, students were given hands-on training on sowing of tomato seeds, layering and grafting of the plants until 12.30 pm. Once the training was completed, the students were allowed to take their lunch. At 1.00 pm, the session

started with a short training on polyhouse farming. At 2 p.m., the session came to an end with a heartfelt thanks from the department staff, who also gave a sapling to all of our students and employees as a symbol of their gratitude.



The students were taken to the Department of Biotechnology, SRM University, around 2 p.m. to get a short training on tissue culture and various steps to follow



before using the facilities. They were given hands on training in various instrumental facilities that are available for pay and use, like electrospinning, HPLC, PCR, and GC-MS. The whole training got wrapped around at 3.10 p.m., and the students were safely made to board in to the bus. The bus reached the AVIT campus around 4.15 p.m., and the students were happy about their visit.



To conclude this visit, students were able to learn most recent horticultural methods and technologies, observe how various plant species are produced, and comprehend the various phases of cultivation, gathering, and processing. Students were provided some training skills to help them comprehend the fundamentals of horticulture, the various kinds of plants grown in the region. Overall, the training and visit to SRM - Horticulture department was a fantastic learning opportunity for students, giving them the chance to receive firsthand knowledge and perspectives into the field.