

**Training program CUTN
FINAL REPORT
21ST JUNE TO 27TH JUNE 2023**

Day 1:- 21/06/2023

At 9 AM, the program started with a registration process of candidates and the distribution of stationary to the participants, then the program started with an inaugural function by the guest of honors, from 11 to 1 PM, Theory on Absorption spectroscopy was taken up by Dr.V.Rajendiran. In the afternoon session, the Theory on Fluorescence Spectroscopy was taken up by Dr. John Prakash from 1 30 PM to 3 30 PM, and the Theory session on NMR was taken up by Dr. R. Ranjith Kumar from 3 30 PM, to 5 30 PM.

Day 2:- 22/06/2023

From 9 a.m. to 1 p.m., participants have divided into two groups. Batch A hands-on session on UV-VIS was explained by Dr. John Prakash and batch B Hands-on session on NMR was explained by Mr.Sembulingam. In the afternoon session, from 1 30 PM, to 5 30 PM, Batch B's hands-on session on UV-VIS was explained by Dr. John Prakash, and Batch A Hands-on session on NMR was explained by Mr.Sembulingam.

Day 3:- 23/06/2023

From 9 a.m to 11 a.m, the theory on Computation Materials and molecular Design was taken up by Dr.V.Prabha, and from 11 to 1 PM, A theory on Thermogravimetric Analysis (TGA-DSC) was taken up by Dr. Ragupathy Dhanushraman. In the afternoon session, from 1 30 PM, to 5 30 PM, the Hands-on session on fluorescence was explained by Dr. John Prakash batch A, hands-on session on TGA- DSC Batch B was explained by Dr.K Chandru.

Day 4:- 24/06/2023

From 9 a.m. to 1 p.m., the theory session on NMR was taken up by Dr. R. Ranjith Kumar, and from 11 to 1 PM, The theory on Microwave synthesis was taken up by Professor S Nagarajan. In the afternoon session, from 1 30 PM to 5 30 PM, the Hands-on session on fluorescence was explained by Dr. John Prakash batch B, hands-on session on TGA- DSC Batch A was explained by Dr.K Chandru.

Day 5:- 25/06/2023

From 9 a.m. to 1 p.m, the theory session on GC-MS was taken up by Dr. Vittal Babu Gudimetla, from 11 to 1 PM, Hands-on training on Gaussian was explained by Dr. V Prabha, batch A, hands-on training on Microwave Batch B was explained by Dr.Mijun Chandran. In the afternoon session, from 1 30 PM, to 5 30 PM, Hands-on training on GC-MS was explained by Dr Vittal Babu Gudimetla & Dr. K Chandru, batch B, hands-on training on LC-MS Batch A was explained by Dr.Mijun Chandran.

Day 6:- 26/06/2023

From 9 a.m. to 1 p.m., the theory session on Time Domain Fluorescence was taken up by Dr. John Prakash, and from 11 to 1 PM, The theory on Chromatography was taken up by Dr.Shiva Prasad. In the afternoon session, hands-on training on LC-MS Batch B was explained by Dr.Mijun Chandran, and hands-on training on Lifetime Batch A was explained by Dr. John Prakash from 1 30 PM, to 5 30 PM.

Day 7:- 27/06/2023

From 9 a.m. to 1 p.m., batch A Hands on training on GC-MS was explained by Dr. Vittal Babu Gudimetla & Dr. K Chandru, and hands-on training on Lifetime Batch B was explained by Dr. John Prakash. In the afternoon session, from 1 30 PM to 3 30 PM, Hands-on training on Gaussian was explained by Dr. V Prabha, batch B, and hands-on training on Microwave Batch A was explained by Dr.Mijun Chandran. next 3 30 to 5 30 PM, Valedictory, feedback, and Certificate Distribution.