

NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL (HUB)

In Association with DST STUTI-21

**A Seven Days Training Program on DST supported R&D equipment through
Hands-on Experience**

Dates: 27th May–02nd June, 2022

FINAL REPORT

27/05/22 DAY 1:-

The program started with the candidate registration followed by distributing stationary to the participants. Then the program started with the national song followed by Inauguration by guests of honor.

From 10.45 - 11:45 AM, an expert lecture by Prof Rathish Kumar was held.

Teaching and learning of 3D DIC by Dr. Tejaswi from 11.45-12.45 PM.

Lunch break

Teaching and learning 3D Metal Printing by Prof A Kumar from 01.45-02.45 pm.

Teaching and learning 3D Metal Printing by Dr.Manjaiah from 2.45 to 3.45 pm.

Teaching and demo of Nd Yag Laser by Dr. Abdul Azeem from 4 to 6 pm.

28/05/22 DAY 2:-

From 9 to 11 AM Teaching and Learning of XRD by Dr. Raghupathy

From **11:15-12:15** PM Teaching and Learning of DMA by Dr. Arockia

In the afternoon session Hands-on experience with 3D Metal Printing (Batch 1+2) by Dr. Manjaiah

29/05/22 DAY 3:-

Teaching and Learning of NMR by Prof. V Rajeswar Rao from 9 to 11 AM

Teaching and Learning of DMA by Dr. Arockia from **11:15-12:15 PM**

Teaching Biaxial Shake Table by Dr. Kaylan **12:15-1:15 PM**

Hands-on experience with 3D-DIC (Batch 1) by Dr. Tejaswi

Hands-on experience with Nd: YAG Laser (Batch 2) by Prof. A Kumar **2:15-4:15 pm**

Hands-on experience with 3D Metal Printing (Batch 1+2) by Dr. Manjaiah **4:30-6:00 pm**

30/05/22 DAY 4:-

Teaching and Learning of UTM by Prof. N Narasaiah from 9:00-**11:00 am**

Teaching and Learning of SEM by Dr. Uma Maheswara Rao from 11:15-1.15 pm

Hands-on experience with 3D-DIC (Batch 2) by Dr. Tejaswi

Hands-on experience with Nd: YAG Laser (Batch 1) by Prof. A Kumar from **2:15-4:15 pm**

Hands-on experience with 3D Metal Printing (Batch 1+2) by Dr. Manjaiah **4:30-6:00 pm**

31/05/22 DAY 5:-

Hands-on experience with UTM (Batch A) by Dr. Arockia

Hands-on experience with SEM (Batch B) by Dr. Uma Maheswara Rao

Hands-on experience with XRD (Batch C) by Dr. Raghupathy from 9 to 1:15 pm

Teaching and Learning of LC-HRMS by Dr. U Satyanarayana (Waters Ind Pvt ltd) from 2: 15 to 6 pm

1/06/22 DAY 6:-

Teaching and Learning of DSC by Prof. Somu Srihari **9:00-11:00 am**

Hands-on experience with LC-HRMS (Batch 1) by Dr. D Kasinath

Hands-on experience with NMR (Batch 2) by Dr. K Hari Prasad from 11:15 to 1: 15 pm

Hands-on experience with UTM (Batch B) by Dr. Arockia

Hands-on experience with SEM (Batch C) by Dr. Uma Maheswara Rao

Hands-on experience with XRD (Batch A) by Dr.Raghupathy from 2: 15 to 6 pm

1/06/22 DAY 6:-

Hands-on experience with UTM (Batch C) by Dr. Arockia

Hands-on experience with SEM (Batch A) by Dr. Uma Maheswara Rao

Hands-on experience with XRD (Batch B) by Dr.Raghupathy from 9 to 1:15 pm

Hands-on experience with LC-HRMS (Batch 2) by Dr. D Kasinath

Hands-on experience with NMR (Batch 1) by Dr. K Hari Prasad **2:15-4:15 pm**

Feedback / Valedictory from **4:30-6:00pm**