

School on Data Acquisition and Analysis (22nd Feb- 24th Feb 2023)

Day 1 : 22nd February 2023 Wednesday

Time	Description	Speaker
09:00-09:30	Registration of the participants	Gonika, YashRaj
09:30-09:45	Opening Remarks	Prof. A C Pandey, Director, IUAC
09:45-10:45	Signal Processing Techniques – 1 of 3	Dr. R. K. Bhowmik, Ex-IUAC
10:45-11:00	TEA BREAK	
11:00-12:00	Basics & building blocks of DAQ systems 1 of 2	Dr. Rajarshri Raut, IUC, Kolkotta
12:00-13:00	Basics of ROOT based analysis 1 of 3	Er. E T Subramaniam, IUAC
13:00-14:00	LUNCH BREAK	
14:00-15:00	Digital Signal Processing Internals 1 of 3	Dr. S S Ghugre, IUC, Kolkata
15:00-15:30	TEA BREAK	
15:30-16:30	Beam line visit-I	Gonika, Kusum / Yashraj, Mamta
16:30-17:30	Beam line visit-II	Gonika, Kusum / Yashraj, Mamta

Day 2 : 23rd February 2023 Thursday

Time	Description	Speaker
09:30-10:30	Signal Processing Techniques – 2 of 3	Dr. R. K. Bhowmik, Ex-IUAC
10:30-11:00	TEA BREAK	
11:00-12:00	Basics & building blocks of DAQ systems 2 of 2	Dr. Rajarshri Raut, IUC, Kolkata
12:00-13:00	Basics of ROOT based analysis 2 of 3	Er. E T Subramaniam, IUAC
13:00-14:00	LUNCH BREAK	
14:00-15:00	Digital Signal Processing Internals 2 of 3	Dr. S S Ghugre, IUC, Kolkata
15:00-15:30	TEA BREAK	
15:30-17:00	Practical Session / Facility Visit	Gonika, Kusum / Yashraj, Mamta
17:00-17:30	Photo session	
17:30-18:00	TEA BREAK	
18:00-19:00	Evolution of DAQ system and its future architecture	Evening talk: Dr R Palit

Day 3 : 24th February 2023 Friday

Time	Description	Speaker
09:30-10:30	Signal Processing Techniques – 3 of 3	Dr. R. K. Bhowmik, Ex-IUAC
10:30-11:00	TEA BREAK	
11:00-11:30	High speed Data Acquisition System	Ms Mamta Jain, IUAC
11:30-12:00	Acquisition, Event of interest, timestamp	Ms. Kusum Rani, IUAC
12:00-13:00	Basics of ROOT based analysis 3 of 3	Er. E T Subramaniam, IUAC
13:00-14:00	LUNCH BREAK	
14:00-15:00	Digital Signal Processing algorithms 3 of 3	Dr. S S Ghugre, IUC, Kolkata
15:00-15:30	TEA BREAK	
15:30-17:15	Discussion and Feedback	Moderator : Dr. R P Singh
17:15-17:30	Vote of thanks	Ms Mamta Jain, IUAC

