



Department of Physics
Uka Tarsadia University, Bardoli



Date: 23 August, 2022

Report on NPCIL Kakrapar Gujarat Site visit

Date: 23 August 2022; **Time:** 8:45 AM to 3:30 PM

Event organized by: Department of Physics, UTU

Event coordinator: Dr. Jaymin Ray (Assistant Professor, UTU)

Total student participated in the visit – 32 students (13 Female + 15 Male)

Total faculty participated in the visit – 4 staff members (4 Male)

Event details:

Department of Physics organized the visit to the NPCIL Kakrapar Gujarat Site sponsored by Uka Tarsadia University. Shri. B. D. Vyas and Shri. Arun Jindal (Experts from NPCIL) provided Technical information about the site at training center as well as details about plant. They elaborate the detail working of the Reactor Building (RB) - 1 & 2, Turbine Building (TB) - 1 & 2, Service Building, Pump House, Natural Draft Cooling Tower (NDCT) - 1 & 2, Induced Draft Cooling Tower (IDCT) - 1 & 2, 220 KV Switch yard and Ware House during visit. Students had actively engage with the expert from NPCIL and learn about the latest research and technologies used in Nuclear science. Experts also gave the information about electric power generation using nuclear power and distribution through seven numbers of 220KV lines and that connecting to the Gujarat electricity board grid network. We are especially thankful to Provost Sir, Dr. D. R. Shah sir for giving the permission and bus facility for the visit.



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