

RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHOLOGIES

BASAR, NIRMAL, TELANGANA-504107

DEPARTMENT OF CHEMISTRY

OPEN HOUSE EVENT

TECHFEST-2017

The department of Chemistry, RGUKT Basar conducted open house event on 05th November 2016 as a part of Techfest-2017. The main aim of open house event is to showcase the instruments, equipment, and facilities existing in the laboratories of the department. The event happened in the engineering chemistry laboratories Academic Block1-308 and 310.

Around 25 students of engineering stream as well as PUC engaged in the preparation of the laboratories for the event with the help of lab assistants. The participants explained the functioning of lab equipment and facilities to the students visited the laboratories. The following facilities, instruments, operating setup were displayed in the open house event (Techfest-2017)

1. Glassware used in the chemistry lab (names, usage and their applications)
2. Balances used in the chemistry lab (usage and working of the balance)
3. Distillation setups (reflux, condensation and soxhlet apparatus)
4. Drug synthesis (paracetamol, aspirin drugs)
5. Compounds prepared (organic and inorganic compounds)
6. Water analysis experiments (hardness and alkalinity of water)
7. Instruments operation (polarimeter, calorimeter, pH-meter)
8. Melting and boiling points determination (Kjeldahl flask)

Around 280 students visited the labs and got an opportunity to learn the functioning of various lab equipments and the preparation procedures of chemical compounds, their applications in day today life. The students got satisfied explanation of the available equipments and the synthesis of selected drug candidates from the

participants in open house event. All the departmental faculty and laboratory assistants were fully participated to make the event a grand success.

Some of the pictures/photos taken during the event

