

Accredited 'B' Grade (2.67 CGPA) By NAAC



SARVAJANIK EDUCATION SOCIETY

## Shree Ramkrishna Institute of Computer Education & Applied Sciences

(Sarvajnik Institute of Computer Education)



M.T.B. College Campus, Athwalines, Surat-395 001.Ph : 2240172

Department / Committee Name :- PGDMLT

Event/activity Name :- Visit at Microcare Lab.

Date :- 31/01/18 & 01/02/18

No. of Days :-Two

Venue :- Microcare Lab., Unapani road,  
laldarwaja, Surat.

Level :-College

Collaboration (if any) :- ---

Resource Persons (if any) :- ---

Aim/purpose : To develop the information of students in the field of mycobacteriology and micrology.

Details of the event/activity : First of all students were taken to main office of lab. where they are interrogated with *mycobacteria*, accreditation and DOTS related programme. In Microcare laboratory there are two separate divisions for microbiology and mycobacteriology. First students were taken to see microbiology unit, where they observed fluroscent and conventional microscope, laminar air flow, Biosafety cabinet and explained how to collect various pathological specimens, processing and identification of various pathogens. Then the students have observed TB unit. Here they have seen MGIT, LPA, GeneXpert like advanced instruments used for rapid diagnosis of TB. Also observed conventional culture technique for TB, LJ medium preparation, inspissator, cooling centrifuge. All students have also seen AFB positive (3+) slide. Staff has also explained transmission and spread of MDR and XDR TB and how to prevent the disease.

Participants:- (Total no.:- 40 , Total Institute :- --- )

Winners (if any) :- ----

Outcome :- From this visit students get a lot of information regarding rapid and conventional technique of TB culture. Also expand knowledge about advanced instruments and regarding tuberculosis disease, the drug resistance of organisms. In fact it was a breathtaking visit for students to understand newer and advanced technology in the field of mycobacteriology.

Signature of event/ activityco-ordinator :- Dr. SmitaRajani







