

Accredited 'B' Grade (2.67 CGPA) By NAAC



SARVAJANIK EDUCATION SOCIETY

Shree Ramkrishna Institute of Computer Education & Applied Sciences



(Sarvajani Institute of Computer Education)

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

Department / Committee Name :- Microbiology

Event/ activity Name :- Visit of **M Sc MLT and PGDMLT Sem-1** students at Unipath Specialty Laboratory Ltd. Surat

Date :- 08/09/2025 to 22/09/25

No. of Days :-13 days (Two students/ Day)

Venue :- Unipath Specialty Laboratory Ltd.,
Athwa Gate Circle, Surat.

Level :-Regional

Collaboration (if any) :- ---

Resource Persons (if any) :- ---

Aim/purpose: The main aim for this laboratory visit was to give insight & practical exposure to an actual lab environment and also gain knowledge of various advance lab instruments & techniques that lead to good lab practices in the field of histopathology, haematology, microbiology & biochemistry.

Details of the event/ activity:

- Visit was carried out for total 13 days and everyday two students have visited for around two hours during 9.00 am to 11.00pm
- During their visit they have first observed **Histopathology department** where they have learned about automated as well as manual tissue processing, tissue grossing, cutting even storage. Then learnt embedding of processed tissue and also slicing of tissue through a microtome and in last also observed various staining processing like H & E stain.
- In **Haematology department** they came across various modernized instruments like 5 part cell counter, Hb electrophoresis, automated ESR instrument, also seen auto analyser for sperm motility, count as well as morphology & a coagulation analyser.
- In the **Biochemistry department** they have observed various fully automated instruments that gave precise results as well as labour & time effective like dry and wet biochemistry analyser, immunology & electrolyte analyser.
- In **Microbiology department** they came across highly skilled process of bacterial culture techniques & isolation processing in laminar air flow and also seen advance instruments like BACTEC, BACT, VITEK 2, LPA, BOD incubator and micro-broth dilution technique.

Participants:- (Total no.:-26 (M Sc MLT-04, PGDMLT-22)

Winners (if any) :- ----

Outcome:- This lab visit was highly informative and provided valuable lessons to students on histopathology techniques, microbiology, biochemistry and haematology sections. By observing different department in lab students got benefit to realize the importance of linking between theoretical & practical knowledge and working with time bound and with the utmost precision.

Signature of event/ activity coordinator :- Dr. Smita Rajani







