



BARODA INSTITUTE OF MEDICAL SCIENCE

a unit of

ATMIYA EDUCATION AND CHARITABLE TRUST

SYLLABUS OF CYTOTECHNOLOGY AND HISTOTECHNICIAN TRAINING COURSE

Duration: 6 months

[3 months theory and 3 training]

After that 3 months placement in Laboratory]

Anil Patel

(M.Sc., Cytotechnologist, Trained
Tata memorial Hospital, Bombay)

Urmi Patel

(DMLT, DMA,
Medical Technologist)

❖ CO-ORDINATION WITH

- Dr. Udayan's Lab (Gay Circle, Akota, Vadodara)
- VCL Laboratory (Mahavir char rasta, Ajwa Road, Vadodara)

COURSE CONTENT OF CYTOLOGY:

- INTRODUCTIONS OF CYTOLOGY TECHNIQUE
- FIXATION
- PRESERVATION OF SMEAR
- ORAL CYTOLOGY
- FLUID CYTOLOGY
- F.N.A.C. CYTOLOGY
- URINE CYTOLOGY
- GYNEC (PAP SMEAR) CYTOLOGY
- PAP SMEAR STAINING TECHNIQUE
- MAUNTING
- SLIDE FILING

COURSE CONTENT OF HISTOLOGY:

- FIXATION
- SECTIONING
- TISSUE PROCESING BY HISTOKINESE
- PREPARATION OF PARAFIN BLOCKS
- SECTION CUTTING BY MICROTOME

- DEPARAFINIZATION BY HOTPLATE AND XYLENE
- DEHYDRATION
- STAINING TECHNIQUE OF HEMATOXYLENE AND EOSIN
- MAUNTING
- SLIDE FILING
- INTRODUCTION OF IMMUNOHISTOCHEMISTRY