

Department of Microbiology

Report of the Event

Cytomorphometric Techniques and Rapid Diagnosis III

16-02-2017 - 16-02-2017

Organizers: Dr. D. Teepica Priya Darsini

Dr. M. Kulandhaivel

Participants: 30 Students

The Cytomorphometric Techniques and Rapid Diagnosis III was conducted on 16-02-2017 by department of Microbiology, Karpagam Academy of Higher Education to develop the technical skill on Oral exfoliative cytology is simple, non-invasive, inexpensive tools prone to subjective bias. Objective computer-based quantitative cytomorphometry technique was developed in last few decades to overcome its limitation. However, there is no consensus about the utility of cytomorphometry as a routine screening tool for early detection of dysplastic changes. With the advancements in the quantitative oral exfoliative cytology, oral cytology once again emerged as a diagnostic aid in oral lesions. The accuracy of cytologic technique in diagnosing oral lesions can be enhanced by morphometry. Computer-assisted morphometric analysis of cells improved the ability to accurately measure the various cell parameters such as nuclear diameter (ND), cell diameter (CD), nuclear area (NA), cytoplasmic area (CyA), and nuclear-to-cytoplasmic ratio. Rapid diagnostic testing (RDT) methodologies for infectious diseases, such testing has become neither commonplace nor an integral component of services offered by clinical microbiology laboratories. Serology, the available options for diagnosing infectious diseases. In the last couple of decades, an increasing number of rapid diagnostic tests have been developed. Rapid microbiology tests can be used for the easy detection of infection and cure. Hematology, RPR, ASO, WIDAL and RA test were performed.

30 students from various colleges were Participated in the one-day hands on training program and benefited.



Listening Lecture