



Optical Microscope



Room No. 027, Ground Floor, Technology Tower
Centre for Nanotechnology Research
Vellore Institute of Technology, Vellore – 632 014.



cnr.consultancy@vit.ac.in



TECHNICAL NOTE

About the instrument

Specifications

Capability

Sample
requirement

Sample
Limitation

Analysis Cost

Sample
Preparation

About the Instrument

Instrument Name	Optical Microscope
Manufacture	Olympus
Model	BX61

Specifications

Microscope type	Upright Optical Microscope
Illumination	Reflected /transmitted
Imaging Mode	Bright / Dark field / Differential Interference Contrast (DIC)
Objective	5 X, 20 X, 50 X, 100 X
Eyepiece	10 X
Magnification	100 X, 200 X, 500 X, 1000 X
Digital Camera	DP27 (2448 × 1920)

Capability

Digital imaging, Transmission and reflection mode of imaging, Bright and Dark field imaging, 3D imaging

Analysis cost

Academic	Industry
Rs 200 / sample	Rs 350 / Sample