



NAAC Accredited A++ Grade, CGPA : 3.55 (November 2024)
Best College (2016-17), University of Mumbai

CENTRAL INSTRUMENTATION FACILITY

| Sr.No. | Name of Instrument | Make & Model | Charges | |
|--------|--|---|--|--|
| | | | Industry/ R & D Laboratories | Education Institutions |
| 01 | Atomic Absorption Spectrophotometer (AAS)* | Thermo-Fischer Scientific, ICE3300AA Spectro | Calibration @ ₹500 ₹ 250 Per Element Per Sample | Calibration @ 250 ₹ 75 Per Element Per Sample |
| 02 | ELISA Plate Reader | Biotech, Epoch-2 | ₹1000 Per Sample | ₹200 Per Sample |
| 03 | Fluorescence Microscope | Labomed, Lx400 | ₹500 Per Sample | ₹100 Per Sample |
| 04 | FTIR With ATR | Agilent Technologies, Cary 630 | ₹500 Per Sample | ₹100 Per Sample |
| 05 | Gel Documentation System | Bio-Rad, Universal Hood II | ₹1500 Per Hour | ₹750 Per hour |
| 06 | High Performance Liquid Chromatography (HPLC) | Shimadzu (Asia Pacific) Ltd., Model No. LC20AD | ₹1000 Per injection | ₹200 Per injection |
| 07 | High-Performance Thin Layer Chromatography (HPTLC) | Anchrom CAMAG, Linomat -5 | ₹3000 Per Plate | ₹1000 Per Plate |
| 08 | Inverted tissue culture Microscope | Radical, RTC-7 | ₹250 Per Sample | ₹75 Per Sample |
| 09 | Lyophiliser (Freezer Dryer) | Martin Christ Germany, 101530 Model Alpha 1-2 LD Plus | ₹500 Per Sample (Volume 10mL) | ₹250 Per Sample (Volume 10mL) |



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| 10 | Microscope with Adapter Trinocular Zoom Stereo Microscope | Magnus ,TZM6 | ₹500 Per Sample | ₹250 Per Sample |
| 11 | Orbital Shaking Incubator | Hexatec Instruments Pvt. Ltd., HIPL - 035C | ₹1000 for 06 hours | ₹100 for 06 hours |
| 12 | Real Time Polymerase Chain Reaction (RTPCR) | Thermofisher Scientific, Quant studio 5 | ₹2000 Per Plate | ₹1000 Per Plate |
| 13 | Refrigerated Centrifuge | Remi CPR 30 Plus | ₹1000 Per hour ₹3000 for 04 hrs. | ₹250 Per hour ₹1000 for 04 hrs. |
| 14 | Rotary Evaporator | Superfit, PBU-6 | ₹1000 Per Day | ₹100 Per Day |
| 15 | Spectro Fluorophotometer | Shimadzu RF – 6000 | ₹1000 Per Sample | ₹300 Per Sample |
| 16 | UV-Vis Spectrophotometer | Shimadzu UV – 1900 | ₹500 Per Sample | ₹75 Per Sample |
| 17 | Ultrasonic Homogenizer | Orchid PS 650 | ₹200 Per Sample | ₹50 Per Sample |
| 18 | Flame Photometer | EQUIPTRONICS, EQ 850A | ₹ 500 Per Element Per Sample | ₹ 250 Per Element Per Sample |

Note: *Digested sample should be sent for element analysis.

Dr. Hitesh Shingadia
Vice Principal
Research Consultancy & Collaboration

Prof. Krutika B. Desai
Principal