



SAVITRIBAI PHULE PUNE UNIVERSITY
DEPARTMENT OF PHYSICS

Ref. No./Quot./PHY/DEPT Gen/NBC/45

Date: 13/02/2021

Name of the Administration

Branch/Department:

Quotations are invited for the supply of following goods/carrying out the work, so as to reach this office on or before

20/02/2021

Sr. No.	Description of Material/Item/work	Approximate Quantity	Rate Per unit	Amount (Rs.)	Remark
1.	FTIR spectrometer	1 NO			

1. Octroi Exemption Certificate will be issue for the goods supplied from the places outside Pune Municipal Corporation Limits.
2. Excise duty, Custom duty Exemption Certificate will be issued if applicable.

Note: For other terms and conditions see overleaf.

Head, Department of Physics

Department of Physics
Administrative Branch
Pune - 411 007.

Savitribai Phule Pune University

Pune - 411 007.

Signature

(Supplier)

(With Stamp)

Specification for FTIR Spectrometer

Wave Number Range	: 7800-350 cm^{-1}
Resolution	: 0.5 to 1 cm^{-1}
S/N Ratio	: 20000:1 to 30000:1
Detector	: Suitable for entire range like MCT, InGaAs, etc.
Beam Splitter	: Standard
Light Source	: High intensity light source
Interferometer	: Standard
Interferometer Drive Speed	: 1 to 5 mm/sec
Purge	: Standard
Interface between PC and FT-IR	: USB

SOFTWARE:

Measurement modes, Quantitative Analysis, Wavelength scan Time scan, Abs/%T monitor, Data processing, Peak picking, Peak height, Peak area, Peak width, Derivatives, Smoothing, Data truncation, Arithmetic, Baseline correction, Subtraction, Deconvolution, Vertical axis conversion, Horizontal axis conversion. Validation Software, Enzyme activity calculation, JASCO Canvas, Film thickness measurement, Color analysis.

Single-reflection Accessory and ZnSe prism single reflection

Done

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