

Equipment Name	Approved Abbrev.	Landmark / Location	Make (Manufacturer)	Model	Funding Agency Type	Funding Agency Details (Use Comma if multiple)	Equipment Description	Cost of Instrument	Year of Installation	Present status of Equipment (Up/Down/Under Maintenance)	% of total time to be made available to the external users	Category	Department / Lab Name	Name of the Institute/Organization	Category of Institute / Lab	Website link for Institute or Facility	Contact Number/ Landline and Mobile (Preferably)
Microscope with camera	MICROCAM	Geology Laboratory	Leica	DM 750P	DST	DST-FIST	Research Microscope with attached Camera for Geologists	60000	2013	up	0%	Geology	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866075	
Digital Camera with SW Kit	DCSW	Geology Laboratory	Leica - EC4	Leica - EC4	UGC	CF Scheme	Digital Camera with SW Kit and Mount Adapter	163425	2018	Up	25%	Geology	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866075	
UV Visible Spectrophotometer	UV SPECTRO	Geology Laboratory	HB Systemics	UV 200 - 1000 NM	UGC	CF Scheme		111510	2018	Up	25%	Geology	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866075	
Ultraviolet research Microscope	IRM	Microscope Lab	ZLISS	Axio Star Plus	DST	DST-FIST	Ultraviolet research microscope	241022	2006	UP	50	Zoology	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866070	
Coating Centrifuge	CC	Zoology Laboratory	DSI	DSI-FST	DSI	DSI-FST	Coating Centrifuge	185620	2012	UP	50	Zoology	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866070	
Stereo Zoom Microscope	SZM	Zoology Laboratory	Lams	LMS-3242	DST	DST-FIST	Stereo zoom microscope	96873	2014	UP	50	Zoology	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866070	
Phase contrast microscope	PCM	Zoology Laboratory	Lams	LMS-3301	DST	DST-FIST	Inverted microscope	140751	2014	UP	50	Zoology	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866070	
Spectrophotometer	SPECTRO	Zoology Laboratory	Bio-Era	BU-CL-SPNS-01	DBT	DBT	Visible spectrophotometer	33781	2018	UP	50	Zoology	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866070	
Spectrophotometer	SPECTRO	Zoology Laboratory	Bio-Era	BU-CL-SPNS-01	DBT	DBT	Visible spectrophotometer	146665	2018	UP	50	Zoology	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866070	
Compact Cooling Centrifuge	CC	Zoology Laboratory	CMR 4 Plus	CMR 4 Plus	UGC	MP		9000	2014	Up	10	Botany	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866066	
Seed Germinator	SG	Botany Laboratory	Rem	SGO PLUS	UGC	MP		167880	2015	Up	10	Botany	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866066	
Horizontal Laminar Air Flow	HLAF	Botany Laboratory	Microlit	Micro	UGC	CF Scheme		115338	2018	Up	10	Botany	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866066	
Cooling Centrifuge	CC	Botany Laboratory	Rem	CM - 12 Plus	UGC	CF Scheme		118844	2018	Up	10	Botany	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866066	
ROD Incubator Led Version	ROD	Botany Laboratory	Rem	CL 4 Plus	UGC	CF Scheme		12321	2018	Up	10	Botany	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866066	
UV Spectrophotometer	UV Spectro	Botany Laboratory	Sironics	Type 119	UGC	CF Scheme		181130	2018	Up	10	Botany	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866066	
Ultraviolet Microscope	IRM	Botany Laboratory	Lawrence & Mayo	Lyons	UGC	CF Scheme		67418	2018	Up	10	Botany	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866066	
Humidity Chamber	HC	Botany Laboratory	Beta Equipment	UGC XII Plan	UGC	UGC XII Plan	See 45 W x 45 D X 45H Capacity 914L	74999	2012	partly up	25%	Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866066	
Research Optical Bench(3)	ROB	Physics Laboratory	H. L. Scientific Instruents Ltd	HL-1151	UGC	UGC XII Plan	Optical Bench with Lens Mount	180000	2012	Available	25%	Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866056	
Multimeter	MUL	Physics Laboratory	Beta Engineers	UGC XII Plan	UGC	UGC XII Plan	Measurement of basic Physical Parameters / Ranges	92664	2012	Up	25%	Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866056	
Digital Precision Multimeter	DMUL	Physics Laboratory	San Instruments	UGC XII Plan	UGC	UGC XII Plan	Measurement of basic Physical Parameters / Ranges	93006	2014	By request	25%	Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866056	
Antenna Trainer Kit	ATK	Physics Laboratory	Scientech Technologies Pvt. Ltd.	ST 2261	University	MRP	Experiment based on Astro-Physics	66105	2012	Under use	NIL	used for practicals.	Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866056
High Temperature Magnets System	HTM	Physics Laboratory	Magneta	-	DST	DST - FIST	Determination of Magnetic Susceptibility of Samples	506250	2013	Down			Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
High Temperature Tube Furnace	HTTF	Physics Laboratory	Metres Scientific Instruments Pvt. Ltd.	MSI 122	DST	DST	650-1600 deg. Celsius - Temperature Range in ambient conditions	385000	2014	Up	2 hrs / day		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Spin Coater	SC	Physics Laboratory	E Power Soft	-	DST	DST - FIST	It is used for the coating of thin films upto 4000 RPM and Programmable Limit.	173000	2014	Up	25%		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Spray Pyrolysis Equipment	SPB	Physics Laboratory	Holmarc Opto- Mechatronics Pvt. Ltd.	DAL BRNS	DAE BRNS	DAE BRNS	Automatic spray unit with 400 degrees C for thin films.	492172	2016	Up	As per request and availability.		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Gas Sensing Chamber	GSC	Physics Laboratory	Fourvac Tech	DAE BRNS	DAE BRNS	DAE BRNS	6.5 Litres Volume and upto 400 Degrees C Temperature.	159750	2016	Up	As per request and availability.		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Kentley Source Meter	KSM	Physics Laboratory	San Instruments	2450	DAE BRNS	DAE BRNS	Multimeter to measure resistances	279563	2016	Up	As per request and availability.		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Sensor testing setup	ST	Physics Laboratory	Techno Service Corp	University	MRP	MRP	Gas Sensing Unit	-	2016	Up	25%		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Glass Electrode	ASTROLOG	ASTRO Laboratory	Agel	-	University	MRP		7100	2016	Up	25%		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Cycloid Regulating Bath	CYB	Physics Laboratory	Metres Scientific instruments Pvt. Ltd.	METREX	UGC - CF Lab Upgrade	CF Scheme		7118	2018	Up	25%		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Feraday Effect Experiment Kit	FEK	Physics Laboratory	Indoan	UGC - CF Lab Upgrade	CF Scheme	CF Scheme	Study of Faraday Effect	49746	2018	Up	25%		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Electrochemical Spectroscopy systems (Galvanostatic/Potentiostatic)	ESPECTRO	Physics Laboratory	Class One Systems S & T Pvt. Ltd.	Model PS-4	UGC - CF Lab Upgrade	CF Scheme	Class One Systems S & T Pvt. Ltd.	292520	2018	Up	25%		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Electrochemical Spectroscopy systems Impedance Spectroscopy/ Impedation	ESPECTRO	Physics Laboratory	Class One Systems S & T Pvt. Ltd.	Model PS-4	UGC - CF Lab Upgrade	CF Scheme	Class One Systems S & T Pvt. Ltd.	253560	2018	Up	25%		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
ASTRO DOME	ASTRO DOME	AC COMPLEX Terrace	-	Scope Dome 3 meters	MP Funding	MP Funding	It is Fully automated basically to protect Telescopes and Essential Equipment like CCDs, Photometer, Spectrometer and most importantly the Electronics.	1200000	2018	Up	Once a week one night		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
CCD and Accessories	ASTRO	AC COMPLEX Terrace	-	ST402 ME	ISRO	ISRO	SBIG make CCD camera very useful to picture celestial objects	186000	2016	Up	Used Continuously		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
SP31 Photometer	ASTRO	Physics Laboratory	-	ISRO	ISRO	ISRO	Price make photometer which is used to do photometry of deep sky objects.	146000	2016	Up	Used Continuously		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
Celestron Telescope	ASTRO	Physics Laboratory	-	Fully automatic GOTO facility	PKC	PKC	Celestron make telescope with fully automatic GOTO mount	253000	2016	Up	Used Continuously		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020-38866056
B 1200 Solar Telescope	ASTRO	Physics Laboratory	-	DBT STAR COLLEGE SCHEME	STAR COLLEGE SCHEME	STAR COLLEGE SCHEME	Lant make solar telescope with fully automatic GOTO mount	125000	2016	Up	Used Continuously		Physics	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866056
V.V.Micro With Gas Set and V.V.Micro Heating Bath	V.V. Micro	Chemistry Laboratory	Healdh	Metro -1	DST	DST - FIST	Rotavapor and Vacuum Pump	98072	2008	Down			Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866194
Rotavapor	ASTRO	Chemistry Laboratory	Buchi	R-210 V	UGC	Innovative Scheme	Rotavapor and Vacuum Pump	211898	2008	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866194
Visible Spectrophotometer	VisSPECTRO	Chemistry Laboratory	Shimadzu	FTR SA005	UGC	Innovative Scheme	UV Visible Spectrophotometer	121367	2008	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866194
Rotary Shaker	RS	Chemistry Laboratory	Rem	RS24BL	UGC	Innovative Scheme	Shaker	56760	2008	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866194
Cooling Centrifuge	CC	Chemistry Laboratory	Remi	C-24HL	UGC	Innovative Scheme	Cooling Centrifuge	119050	2008	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866194
Software	Software	Chemistry Laboratory	Chemito Technologies	Ins - 32	UGC	Innovative Scheme	RIS-32 for HPLC	64800	2007	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866197
HPLC	HPLC	Chemistry Laboratory	Chemito Technologies	LC-6000	UGC	Innovative Scheme	High performance liquid chromatography	395250	2007	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866198
Atomic Absorption Spectrometer	AAS	Chemistry Laboratory	Chemito Technologies	AAS-201	UGC	Innovative Scheme	Atomic Absorption Spectrometer	396194	2007	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866199
Rotavapor and Vacuum Pump	Rotavapor	Chemistry Laboratory	Buchi	R - 215 V	MRP	MRP	Rotavapor and Vacuum Pump	399468	2014	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866201
Geiger Muller Counting System	GM Counter	Chemistry Laboratory	R. K. Enterprises	101480	DBT	STAR College Scheme	Geiger Muller Counting System	73260	2014	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866202
Rotary Vacuum Flash Evaporator with Motorised Lift	RVFE	Chemistry Laboratory	Rotova, J. P. & Co.	Rotova	DBT	STAR College Scheme	Rotary Vacuum Flash Evaporator with Motorised Lift	116709	2014	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866203
UV Visible Spectrophotometer	UV SPECTRO	Chemistry Laboratory	Shimadzu	UV 1700	DST	FIST	UV Visible Spectrophotometer	136312	2013	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866204
Cyclic Volta Meter	CVM	Chemistry Laboratory	Kyotech Techno Solution Pvt. Ltd.	Kyote	DBT	STAR College Scheme	Cyclic Volta Meter	99592	2018	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866205
Visible Spectrophotometer	VisSPECTRO	Chemistry Laboratory	Sironics, J. P. & Co.	166	UGC	Innovative Scheme	Visible Spectrophotometer	60000	2017	Up	Used Continuously		Chemistry	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866206
70 MHz 2-8 channel -MSO 3Digt DMM MSQP2002A	MSO	Electronics Laboratory	SYNERGY Measurement Technologies Pvt. Ltd.	MY52440544	UGC	CPE Scheme	70 MHz 2-8 channel MSO - free wave form Generator-20 MHz x 3 Digt DMM	123039	26/08/13	Up	25%	Electronic Science	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866630	
RF Signal Generator N9310A	RFSG	Electronics Laboratory	SYNERGY Measurement Technologies Pvt. Ltd.	CN 01162407	UGC	CPE Scheme	3 GHz Frequency Range	428199	26/08/13	Up	25%	Electronic Science	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866630	
RF Analyser with Vector Network Analyser	RFSG-V	Electronics Laboratory	SYNERGY Measurement Technologies Pvt. Ltd.	MY51464440	UGC	CPE Scheme	4 GHz Frequency Range- option 104-110-111-130	990980	26/08/13	Up	25%	Electronic Science	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866630	
70 MHz 2-8 channel -MSO 3Digt DMM MSQP2002A	HYD-13330	Physics Laboratory	SYNERGY Measurement Technologies Pvt. Ltd.	MY52440544	UGC	CF Scheme	70 MHz 2-8 channel MSO - free wave form Generator-20MHz x 3 Digt DMM	123039	26/8/2013	Up	25%	Electronic Science	Fergusson College (Autonomous), Pune	Educational	http://www.fergusson.edu/article/instrumentation.html	020 - 38866630	
Digital Storage Oscilloscope DSQP2002A	HYD-13330	Electronics Dept.	SYNERGY Measurement Technologies Pvt. Ltd.	MY50312968	UGC	CF Scheme	70 MHz										