

Govt. Holkar (Model Autonomous) Science College, Indore



Department-wise Research Facilities

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Department-wise Research Facilities

Department Name	Name of the Research Facilities/Equipment	Date of Establishment (As per Stock Register)	Amount	Sponsoring agency for grant(UGC/RUSA/World Bank/DST/Project Grant/College Janbhagidari)
Department of Geology	Arc GIS ARC View (Conerrent Users) Geospital Solution KitVersion10.0 Arc GIS ARC PAD ENVI (Imagery Solution)	29/09/2012	352080/-	UGC
	Garmins e Trexx 20 Hand Held GPS Containing GPS Receiver PC interfaceable Map Source Tripr wayPoint Manager software	13/02/2015	44437/-	UGC
	Polarising Microscope Trinocular RPL-55T With HD Camera and image Analysis software	23/12/2016	134448/-	Project No. 7601, DHE, Bhopal
Pharmaceutical Chemistry	Digital Spectrophotometer	13/12/2011	26193/-	College Janbhagidari
	UV visible Spectrophotometer	23/07/2020	295000/-	College Janbhagidari
	Microprocessor Flame Photometer	02/03/2021	91995/-	College Janbhagidari
	Microprocessor Based Automatic Polarimeter	15/05/2021	165670/-	College Janbhagidari
	Melting and Boiling Point Apparatus	25/06/2021	48000/-	College Janbhagidari

	Digital pH Meter	24/07/2021	40000/-	College Janbhagidari
	Wensar LCD Micro Weighing Balance	17/02/2021		College Janbhagidari
Electronics	Computational Research Lab	27/01/2020	1,287,222	College Janbhagidari
	Incubation Centre	19/02/2020	161,778	College Janbhagidari
	Double Beam UV Visible Spectrophotometer	07/12/2020	Rs. 304700/-	RUSA
	FTIR-7600	11/12/2014	Rs. 2248700/-	RUSA
	Atomic Absorption	30/11/2020	Rs. 2230200/-	RUSA

Chemistry	Spectrophotometer			
	HPLC	15/10/2020	Rs. 4118200/-	RUSA
	Rotatory Evaporator	03/12/2020	Rs. 378480/-	RUSA
Microbiology	Double Beam UV Spectrophotometer	29-07-2020	2,95,000/-	College Janbhagidari
	Electrophoresis	08-08-2018	33,747/-	College Janbhagidari
	Hot Air Oven	25-11-2009	10,800/-	College Janbhagidari
	Bacteriological Incubator	25-11-2009	16,800/-	College Janbhagidari
	Autoclave	31-03-2003	35,654/-	College Janbhagidari
	Binocular Microscope	22-02-2000	27,040/-	College Janbhagidari
	Laminar Air Flow	27-03-1992	36,514/-	Govt.
	Orbital Shaking Incubator remi	03-01-2004	1,02,000/-	College Janbhagidari
Biochemistry	Research lab for PhD. Scholars	-	-	-
	UV-Spectrophotometer	23/07/2020	295000	College Janbhagidari
	Bacteriological Incubator	30/03/2021	61000	College Janbhagidari
	Hot air oven	20/07/2021	88000	College Janbhagidari
	Conductivity meter	24/07/2021	40254	College Janbhagidari
	pH meter	10/12/2011	7125	College Janbhagidari
	Weighing Balance	30/03/2007	9000	College Janbhagidari
	Magnetic Stirrer	20/07/2021	46000	College Janbhagidari
	1.Refrigerated Centrifuge 2.Centrifuge	19/02/2021 06/01/2005	393108 9480	College Janbhagidari College Janbhagidari
	Double Distil-water unit	25/09/2020	494501	College Janbhagidari
	Mini Distil-water unit	23/07/2020	37760	College Janbhagidari
	1.Cooling device	09/02/2011	22800	College Janbhagidari
	2.cooling device	4/09/2020	24000	College Janbhagidari
	Water bath	30/03/21	34251	College Janbhagidari
	Air-condition (A.C.)	14/07/2021	36110	College Janbhagidari
	pH Electrode (02)	26-02-2016	2900/-	Purchase (Govt. Fund)
	Haemocytometer (03)	27-02-2016	2910/-	Purchase (Govt. Fund)

Zoology	Projector (02)	29-09-2016	91200/-	Purchase (5551 - <i>vk/kfud rduhdh ;kstu</i>)
	Zoom Stereo Trinocular Microscope(01)	14-12-2016	62244/-	Govt. Fund NAAC
	Computer (01)	16-02-2017	31266/-	UGC (Dr. Vipul K. Sharma)
	Zoom Stereo Trinocular Microscope (01)	30-03-2017	62244/-	UGC (Dr. Vipul K. Sharma)
	Podium with light and Cordless mic (01)	30-06-2017	27400/-	Office Tender
	Visual Presenter Desktop – Full HD Video (02+01 UPS)	18-09-2017	121450/-	UGC
	Acer Veritron & Balaji Computer (02)	25-09-2017	80763.92/-	College Janbhagidari
	Haemocytometer (05)	17-01-2018	6195/-	College Janbhagidari
	B.P. Instrument (01)	03-11-2018	2680/-	College Janbhagidari
	SOXH LET Apparatus (01)	30-11-2018	23659/-	College Janbhagidari
	HP Computer (05)	17-08-2021	499950/-	College Janbhagidari
	HP Computer (05)	24-08-2021	499950/-	College Janbhagidari
	Arrow - UPS (1- KVA Line interactive) (10)	23-09-2021	74000/-	College Janbhagidari
	Printer Canon (01)	17-08-2021	16101/-	College Janbhagidari
Botany	Invertal tissue culture Microscope	13-01-20	2,64,000/-	RUSA
	Double Beam uv-vis Spectrophotometer		2,95,000/-	
	Unilab Microscope	29-11-20	83,790/-	RUSA
	Plant Tissue Culture workstation	21-12-20	3,24,500/-	RUSA
	Water Distillation UnitDouble Still		54,203/-	World Bank
	Interactive Panels andAccessories		4,94,600/-	RUSA
	Auto Imagine System(Fluorescent Microp.)		4,36,600/	RUSA
	LG Refrigerator	01-07-20	33,900/-	
	Desktop Computer	28-07-21	99,990/-	College Janbhagidari

	CANON-24 M.F. Printer	31-07-21	19,000/-	College Janbhagidari
	Conductivity Meter	16-08-22	47,500/-	
	P.H. Meter		48,000/-	
	Microscope- Lyzer mildoptical	16-08-21	1,50,000/-	
	Lyzer mild steel invertedresearch microscope		1,50,000/-	
	Automatic Humidity Fire	11-10-21		
	H.P. Desktop		4,99,950/-	College Janbhagidari
	H.P. Desktop		4,91,750/-	
	Research Microscope	08-01-22	1,91,750/-	
	Compound Microscope	16-02-06	24133/-	UGC
	Compound Microscope	27-03-06	24133/-	UGC
	Microscope	28-02-09	16875/-	UGC
	Projection Screen		600/-	Govt. Add
	Horizontal Laminar AirFlow	21-03-92	28,990/-	Govt. Add
	L.C.D Multimedia Projector	12-01-09		Govt. Add
	Hot Air Oven	13-01-60	100/-	Govt. Add
	Pressure Cooker		415/-	Govt. Add
	Cooling Incubator	01-08-89	19427/-	UGC
	Research Binocular Microscope	15-03-90	5816/-	UGC
	Automatic shield filmprojector	26-03-02	9500/-	UGC
	Computer Desktop	31/09/2012	1,12,158/-	UGC
	Video Camera	16-06-07		UGC
Biotechnology &	Biosafety Cabinet	2021	380000	College Janbhagidari
	Double Beam UV-Vis Spectrophotometer	2020	250000	College Janbhagidari
	Inverted Tissue Culture Microscope	2020	312000	College Janbhagidari
	REMI Centrifuge	2021	470000	College Janbhagidari
	Steam Sterilization	2021		

Bioinformatics	Autoclave		148000	College Janbhagidari
	UV Transilluminator	2008	23673	College Janbhagidari
	Water Bath Incubator Shaker	2019	43075	College Janbhagidari
	Hot Air Oven	2011	20069	College Janbhagidari
	Plant Tissue Culture Workstation	2021	436600	College Janbhagidari
	Water Purification System	2020	494501	College Janbhagidari
	Deep Freezer -20	2022	483800	College Janbhagidari
	Orbital Incubator Shaker	2020	178000	College Janbhagidari
Physics	Muffle Furnance	30/03/2016	24,909/-	SERB, DST
	Indfurr Superheat Furnance	11/08/2014	3,98,918/-	SERB, DST
	Electronic Balance	17/06/2014	92,095/-	SERB, DST
	Ultra Sonic Liquid Processor	02/07/2017	1,40,000/-	MPCST
	Centrifuge Processor	26/06/2017	1,00,000/-	MPCST
	Spin Coater	27/11/2021	1,77,944/-	College Janbhagidari
	Dip Coater	30/11/2021	3,11,832/-	College Janbhagidari
	Hydraulic Press	18/10/2014	95,859/-	SERB, DST
	Magnetic Stirrer with Hot plate	23/08/2014	6238/-	SERB, DST
	Digital PH Meter	13/03/2014	5,500/-	SERB, DST
	High Vaccum Pumping System	31/07/2014	2,36,049/-	SERB, DST
	Micropipette	01/03/2022	17,653/-	Seed Money
	Double Beam UV-Vis Spectrometer	02/09/2020	2,95,000/-	College Janbhagidari
	PQMS (Physical Quantity Measurement System)	07/09/2020	28,95,720/-	RUSA
	XRD (X-Ray Diffractometer)	25/12/2020	49,48,920/-	RUSA
	Hioki LCR Meter (IM 3536)	17/11/2021	7,95,000/-	College Janbhagidari

