

Government Arts College (Autonomous), Salem-7.

Laboratory Facilities

S.No	Department	Area in Sq.Feet	Name of the Lab	Major Equipments		
				Name	Price	Year of Purchase
1	Computer Science	872	UG and Allied Lab	Computer(I5) - 30 Nos	Rs. 10,35,563	2013
				UPS		
				5 Kva - 1 No.	Rs. 65,000	2010
				3 Kva - 1 No.	Rs. 42,800	2008
				3 Kva - 1 No.	Rs. 56,600	2010
				Air Conditioner		
				1.5 Ton window A/c - 1	Rs. 26,113	1998
		1.5 Ton window A/c - 2	-	2003		
		Display Panel	Rs. 45,000	2012		
		1615	PG Lab	Computer (Core 2 Duo)-30 Nos	Rs. 6,81,600	2010
				UPS - 10 Kva	Rs. 1,59,234	2010
				Air Conditioner		
				1.5 Ton Split A/c - 2 Nos.	Rs. 40,000	2010
				2 Ton Split A/c - 2 Nos.	Rs. 62,000	2010
Display Panel	Rs. 50,000			2011		

S.No	Department	Area in Sq.Feet	Name of the Lab	Major Equipment	Price	Year of Purchase
				Name		
2	Physics	3430	UG Physics Major Lab	Spectrometer	7345	23.12.2010
				Reading Telescope	5918	21.02.2015
				Ic Trainer Kit	13703	25.02.2015
				Hartley oscillator	920	19.02.2001
				Colpitt's oscillator	920	19.02.2001
				IC Regulated Power Supply	3398	25.02.2015
				10 m Potentiometer	4469	05.01.2015
				Travelling Microscope	6225	23.02.2014
				Cantilever - Young's modulus	2775	30.12.2008
				Ballistic Galvanometer	3183	10.01.2007
				Operational amplifiers trainer kit	8807	29.02.2014
				Carey Foster's Bridge- Specific Resistance	488	10.01.2008
				Torsional Pendulum	195	04.02.1987
				Flip-Flop Trainer kit	1125	05.02.2007
				FET Charecteristics kit	1000	19.02.2001
				UJT Charecteristics kit	1020	19.02.2001
				SCR Charecteristics kit	1100	19.02.2001
				Field along the axis of a coil	1414	28.02.2002
				Postoffice box complete set	2340	12.02.2011
				Lee's Disc Apparatus	180	12.07.1972
IC 555 Timer Kit (Astable , monostable multi vibrator)	1100	25.01.2006				

S.No	Department	Area in Sq.Feet	Name of the Lab	Major Equipment Name	Price	Year of Purchase
	Physics	2450 Allied Lab	Physics PG Lab	Advanced Spectrometer	29136	11.02.2013
Michelson interferometer with sodium vapour lamp set up				32940	21.01.2015	
Multifrequency Ultrasonic Interferometer				90048	05.01.2015	
E/M by magnetron value method				14400	28.01.2014	
Stefans constant kit				48449	11.02.2013	
IC Trainer Kit				13703	12.02.2014	
e/m by Thomson method				47880	10.01.2014	
Microprocessor kit				1197	05.12.2013	
Young's modulus micrometer set (Hyperbolic & Elliptical fringes Experiment)				27440	03.02.2014	
co-ordinate measuring microscope with accessories complete setup				47300	20.01.2014	
CRO				22320	10.01.2014	
High Temperature muffle furnace				31093	14.03.2018	
Microprocessor 8085 Trainer kit				13250	07.02.2014	
Digital pH meter				24697	14.03.2018	
Centrifuge instrument 5000 rpm				27582	14.03.2018	
Fourprobe -DFP				38796	31.12.2014	
Basic Diode laser kit complete setup				18765	04.12.2013	
BH curve apparatus electronic version				6783	24.01.2014	
Magnetic stirrer capacity 1 liter				11460	24.01.2014	
Interfacing for microprocessor DAC, ADC, Stepper motor				22116	25.02.2017	

S.No.	Department	Area In Sq. Feet	Name of the Lab	Major Equipments		
				Name	Price	Year Of Purchase
3	English	1035	English Language Lab	Computer 1+9	Rs. 2,25,001	23.01.2009
				Smart Board		03.02.2014
				LCD Projector		03.02.2014
				Ups/ Battery	Rs. 59,960	26.03.2014
			Soft Skills	Public Address System	Rs. 46,190	08.03.2017
				Copier	Rs. 92,150	08.03.2017
				Smart TV	Rs. 54,000	13.03.2017

S.No	Department	Area in Sq.Feet	Name of the Lab	Major Equipments		
				Name	Price	Year of Purchase
4	Geology	138	Survey & Geophysics	Signal stacking Resistivity Meter SSR MP1	126535	2014 -15
		596	Geochemical Laboratory	Spectrophotometer	135000	2013 -14
5	Botany	1184	Botany UG Lab	Weighing Balance	7,000	01.03.17
				Top Balance	270	10.03.94
				Chemical Balance	7,291	05.03.81
	226	Botany PG Lab	Centrifuge	29,999	27.03.10	
			Digital Ph Meter	6,334	01.03.17	
			Digital Photoelectric Colorimeter	6,271	04.03.09	
			Hot Air Oven	9,098	25.02.14	
		Digital Flame Photometer	37,376	06.02.14		
		Digital Conductivity Meter	11,940	06.02.14		

S.No	Department	Area In Sq.Feet	Name Of The Lab	Major Equipments				
				Name	Price	Year Of Purchase		
6	Computer Applications	841	Computer Applications Lab	Desktop Computers: Intel Core I5 Processor- 20		Transferred From Department Of Computer Science		
				Desktop Computers: Intel Core I3 Processor - 5				
				Printer Samsung Laser Printer.(Model No.:M2826nd)				
				Ups				
				Battery				
				Visual Equipment: Vu-LcdTv(40")				
				Fire & Safety Equipment: Fire Extinguisher-Wall Mounted				
				Hard Disk Seagate -1TB			4,450	2017
				Usb Modem			2,200	2017
				Wifi Receiver			400	2017

S.No	Department	Area in Sq.feet	Name of the lab	Major equipments		
				Name	Price	Year of Purchase
7	Chemistry	2400	UG MAIN LAB-I	Electronic balance	7384.00	2009
				Vacuum pump	45968.00	2010
				Refrigerator	9780.00	2006
		1200	UG Allied LAB	Routine Glassware		
		600	Research Lab	Rotary Vacuum Evaporator	91202.00	2009
				Colour TV and VCD Player	13344.00	2009
		1800	PG Lab-I Inorganic & Organic lab	Vacuum pump	64995.00	2014
900	PG Lab-II Physical Chemistry lab	Ice Machine	72696.00	2010		
		Electronic Balance	13500.00	2017		
120	Instruments lab	IR & Fluorescence Spectrophotometer With accessories	14,41,151.00	2015		
		UV-Spectrophotometer	91,301.00	2010		
		Computer with accessories	54913.00	2007		
		LCD Projector	47801.00	2008		

S.No	Department	Area in Sq.Feet	Name of the lab	Major Equipment		
				Name	Price	Year of Purchase
8	Zoology	900 sq.ft	111	Water bath 12 Holes with digital temp indicator	9988.00	2015
				Centrifuge machine type	1,29,588	2015
				Chart cabinet	11940	2011
				Cooker (Hawkins)	5488	2012
				Compound microscope with 2mp digital camera	13000	2015
				Haemocytometer	1844	2014
				Induction stove	5500	2015
				Laminar air flow chamber	36295	2010
				Magnetic stirrer	3988	2012
				Microscope	4800	2009
				Weighing machine	1500	2017
				Refrigerator	20,000	2014

S.No	Department	Area in sq.Feet	Name of the lab	Name of the Major equipments	Price	Year of purchase
	Zoology	140 sq.ft	117	Digital calorimeter	6600	2014
				Digital colony counter	3950	2015
				Electrophoresis Apparatus	4940	1989
				Gel rocker II	18499	2015
				Pen type pH meter	1910	2012
				Rotary shaker with variable speed controller	26350	2013
				Sphygomonometer	530	2017
				Spectrophotometer	47619	2014
				UV Transilluminator	27400	2014
				Vertical mini gel system	6805.50	2015
		1200sq.ft	110	Distillation unit	19,000	2014
				Haemoglobinometer	940	2008
				Hot air oven	6415	2008
				Incubator	1950	1979
				Dissecting microscope	10180	2018
				Mixie	3500	2015

S.No	Department	Area in Sq.Feet	Name of the Lab	Major Equipments		
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9	Geography	600	PG Geography Lab	DLP Multimedia Projector with Tripod Screen (1)	38300.00	2015
				Garmin Oregon 650 GPS (1)	74865.00	2014
				Dumpy Level (4)	12500.00	2014
				Dumpy Level (2)	9000.00	2013
				Dumpy Level (2)	9000.00	2013
				Lab Work Table (32)	5870.00	2011
				Global Positioning Systems (GPS) (1)	21840.50	2010
				HP Laserjet Printer (1)	11200.00	2009
				HCL Computer with Pen Drive (1)	33200.00	2008
				Colour Television (1)	23500.00	1999
		600	UG Geography Lab	VCP/VCR (1)	9790.00	1999
				<i>Dumpy Level (3)</i>	10747.00	1988
				<i>Survey Chains (10)</i>		
				<i>Abney Level (10)</i>		
				<i>Prismatic Compass (10)</i>		
				<i>Trough Compass (7)</i>		
				<i>Plumbing Force (10)</i>		
<i>Clinometer (10)</i>						
Mirror Stereoscope (1)	5000.00	1985				