



VELLALAR COLLEGE FOR WOMEN (Autonomous)

"COLLEGE WITH POTENTIAL FOR EXCELLENCE"

(Re-accredited with 'A' Grade by NAAC, Bengaluru & Affiliated to Bharathiar University, Coimbatore)

Thindal, Erode - 638 012. Tamil Nadu

e-mail : principalvcw@gmail.com ❖ website : vcw.ac.in ❖ © 0424 - 2244101 M : 99767 - 51115

VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS), ERODE - 12			
List of Laboratories along with Equipments			
AIDED			
S.No	Year	Major Equipments	Quantity
Department of English			
1	2015-16	Computer	1
2		HP Laser printer	1
3	2016-17	Headphone	10
4		Computer mother board	7
5		Headphone	10
6		HP Laser jet printer	1
7		Epson printer	1
8		Student's Book with DVD and Audio CD's, Active Tech Software, work book and Teacher's book with resource and assessment disk & English Mastery Alainia Series A,B &C	
9	2018-19	Panasonic Multipoint Video Conferencing Systems	1
10		Interactive Flat Panel	1
11		Sony HDR Handicam	1
12	2019-20	Online UPS, 5KVA	1
Department of History			
13	2016-17	LCD Projector	1
14		Laptop	1
15	2015-16	Computer Systems	3
16		Logitech H1 10 Block(Head Phone)	40
17		Mathematical model	19
18		Furniture Working Table for Computers	1
19		White Board	1
20		HP LaserJet Printer 1020 Plus	1
21	2016-17	Computer Systems	3
22		Mathematical model	6
23		IBM Server (Monitor)	1
24		HP LaserJet Printer	1
25		White Board	2
26		Lenovo Server	1
Department of Physics			
27	2015-16	MicroProcessor (8085) kit	3
28		Audio Frequency	2
29		Reading Telescope	2
30		Advance Travelling Microscope	1
31		Advance Spectrometer	1
32		Cathode Ray Oscilloscope	1
33		Function Generator	1
34		IC Regulated Power supply	5
35		Frequency Meter	1





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36		Intermedlate Spectrometer	2
37		Magnetic Stirrer	1
38		Electronic Analytical Balance	1
39		Ultrasonic Inferometer	1
40		Four Frope Setup	1
41		Lenovo system - core - 3	1
42		Cathode Ray Oscilloscope sm410	1
43		Audio Oscillator	1
44	2016-17	8085 Miocroprocessor	2
45		Lenova System	3
46		LCD Projector	1
47	2018-19	Work Station	1
48		Online UPS 5 KVA	1
49		Exide Tubuar Battery 75 AH	10
50	2019-20	HP Desktop	2
51		HP Monitor	2
52		HP Laserjet M1005	1
53		HP Laserjet 1020 Plus	1
Department of Chemistry			
54		Electronic balance PGB model 200	1
55	2015-16	Mechanical shaker Model no:035	1
56		Polarimeter	1
57		UV- Visible Spectrophotometer double Beam spectrometer with double cell	1
58		Hot air oven	1
59		make	1
60		Ball Mill (PUG Mill), „SECOR“make	1
61	2016-17	Electrochemical Work Station	1
62		Digital pH meter“VANIRA“ make with combined electrode	1
63		Magnetic Stirrer 1 Lit capacity with Hot plate model 1MLH REMI“ make	1
64		Digital Colorimeter with 8 filters model	1
Department of Botany			
65		Trinocular Microscope with CCTV	1
66		Magnus PRO Analysis software for preparing final report	1
67		Automatic solvent extraction	1
68		Digital multi parameter water quality	1
69		TLC Instrument with high resolution	1
70	2015-16	Humidifier	1
71		HPLC Cyber Lab	1
72		Micro Controller based servo voltage stabilizer 5KV – Single Phase	1
73		High Volume High Speed Floor Model – Cooling Centrifuge	1
74		8x50 ml Angle Head with P.P Tube	1





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75		Trinocular research microscope (Magnus)	1
76		Autoclave Pad – Preset Automatic Digital Regular Series – Top Loading	1
77		Automatic solvent extraction System - Pelican	1
78		Smart Board – Interactive Touch Board	1
79		EPSON ED- S31 projector	1
80		Projector ceiling Kit	1
81		Multimedia Speaker 4.1	1
82		Chalk Board – 8x4	1
83		Lenovo System	1
84	2016-17	Autoclave	1
85		Vaccum oven "ANM"	1
86		Vaccum Pump	1
87		Muffle furnace	1
88		Excel Solar	8
89	2017-18	Laminar Air Flow	1
90		UV Chamber	1
91		Bench top Incubator come Orbital Shaker	1
92		Electronic Analytical Balance	1
93		ELISA Reader	1
94		Mini Centrifuge	1
95		Semi Automatic Microtome	1
96	2018-19	Projector - BENQ MS535P Liberty show JUNO DLX 6 x 4 Numeric UPS 1000VA Liberty Ceiling Mount Mark VI HF- VGA 15 HF- HDMIR15 Fibros 1SQMM Flex 14/0.3 PVC Multimedia Speaker SSB 45 EM amplifier Installation Charges	1
97		Semi Automatic Microtome	1
98	2019-20	Revolutionary General purpose laboratory centrifuge	1
99		8x15ml Angle head with p.p.tubes	1
100		Clinical centrifuge "REMI" make model c-854/8	1
101		Water bath Rectangular 12,holes	1
102		Refrigerator	1
103		Biscuit Balance 1 kg capacity	1
104		Hot plate 8"DIA "SIGMA" make M.S. top with energy regulator	1
105		L- rod	1
106		LA-22 Plate master –tm for speed plating "HIMEDIA" make	1





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Department of Zoology			
107	2015-16	Semi Auto Analyser	1
108		De-Mineraliser	2
109		Water Quality Analyser	1
110		TLC Instrument with high resolution camera and software	1
111		Electrophoresis mini	1
112		NSW-152 BOD Incubator	1
113		Electronic top loading balance	1
114		Binocular microscope	3
115		Trinocular microscope	1
116		HP Laser printer	1
117		Benq projector	1
118		Benq Projector MS 535P	1
119		Liberty Show Juno Classic 50 * 67 (MW)	1
120		Ceiling Mount Projector Stand Round 2-3 ft	1
121		HD15 mtsMI M to M - 1.4 V	1
122		Power Cord 5A / 16A - 15 mts	1
123		Precision 2''50mm Casing pipe 2 mts	1
124	Senior Laboratory and Medical Microscope	25	
125	Binocular	2	
126	Water Bath Rectangular	1	
127	Water Analyser	1	
128	Magnetic Stirrer	1	
129	Mini Centrifuge	1	
130	Thin Layer Chromatography	1	
131	Microprocessor Visible Spectrophotometer	1	
132	Haemocytometer	25	
133	Haemometer	25	
134	Stopwatch	25	
135	P - Digital Camera Canon	1	
Department of Nutrition and Dietetics			
136	2015-16	HP laser Printer	1
137		Microscope Delux	4
138		Glucometer	2
139		B.P Apparatus	1
140		Heamoglobin Digitalmeter	2
141		Microwave Oven	2
142		Auto analyzer (fully automatic)	1
143		Chappathi making machine	4
144		Homogenizer	2
145		Refractometer 0 - 32%	1
146		Refractometer 28 - 62%	1
147		Refractometer 58 -92%	1
148		Digital Saltmeter	1
149		Penetrometer	1
150		Electronic balance	2





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151		Chromotography apparatus	1
152		Butryometer	1
153		Sterilizing equipment	1
154		Packing machine	1
155		Blancher	1
156		Pulper	1
157		Cooking Tank	1
158		Rice pounder	1
159		Colorimeter	1
160		Wooden Chekku	1
161		Mixer grinder	1
162		Kjeldhal apparatus	1
163	2016-17	Beng DLP Projector MX 528p	1
164		Lenova system core 13/4gb	1
165		Centrifuge Machine Remi with timer	1
166		Electronic balance 0.01gm	1
167		Ultra Centrifuge	2
168		Electric Bunsen burner	1
169		Electronic balance 0.001gm	1
170		Remi Centrifuge R8C	1
171		Hot air Oven 15*15*15 with digital temper	1
172		Butro Refractrometer	2
173		Moisture balance	2
174		Spectrophotometer	2
175		Dall Mill	2
176		Spices grinder	2
177		Numeric Online UPS system DC power bac	1
Department of Computer Science			
178	2015-16	DELL COMPUTER: Core i3 4160 / 4GBRAM 500 GB HDD / 18.5" LED Monitor	73
179		NUMERIC - 20 KVA UPS SYSTEM WITH POWER PACK	1
180		LQDSI PRINTER 5235	6
181		DELL COMPUTER: Core i3 4160 / 4GBRAM 500 GB HDD / 18.5" LED Monitor	27
182		NUMERIC - 5 KVA UPS SYSTEM WITH POWER PACK	1
183		LENOVO SYSTEM: Core i3 / 4 GB RAM / 500 GB / 18.5" TFT LED Monitor	10
184		LENOVO SERVER: Server X3500 M5 5464 PBC / 500GB SAS	1
185	2016-17	Work Table with Chair	5
186		Interactive Touch Board / PrometheanAB78 with Presenter	1





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187		EPSON EB-S31 Projector	1
188		EPSON EB-S31 Projector	1
189		HP Laser M1005 Printer	1
190		UPS 1650 KVA with Battery	2
191		LENOVO SYSTEM: Core i3 / 4 GB RAM / 500 GB / 18.5" TFT LED Monitor	4
192		Lab Table	24
193		6KVA Numeric Online UPS System	1
194	2017-18	LENOVO SYSTEM: Core i3 / 4 GB RAM / 500 GB / 18.5" TFT LED Monitor	50
195		LENOVO SYSTEM: Core i3 / 4 GB RAM / 500 GB / 18.5" TFT LED Monitor	10
196		6KVA Numeric Online UPS System	1
197		8086 Microprocessor Kit	8
198	2018-19	6KVA Numeric Online UPS System	1
199		20KVA NUMERIC Online UPS System	1
200		UPS Batteries	30
201		Lenovo Computer	11
202	2019-20	Lenovo Computer i3	9
203		Online UPS 20 KVA	1
Department of Commerce			
204	2018-19	Projector - BENQ MS535P Liberty show JUNO DLX 6 x 4 Numeric UPS 1000VA Liberty Ceiling Mount Mark VI HF- VGA 15 HF- HDMI15 Fibros 1SQMM Flex 14/0.3 PVC Multimedia Speaker SSB 45 EM amplifier Installation Charges	1
Central Research Laboratory (CRL)			
205	2015-16	Water Quality analyser	1
206		BOD Incubator	1
207		Electronics top loading balance	1
208		De-Mineraliser	1
209		Trinocular Microscope	1
210		Biochemistry Analyser-Semi Auto Analyse	1
211		High Pressure Liquid Chromatography (HPL)	1
212	2016-17	Vaccum oven	1
213		Vaccum Pump	1
214		Muffle Furnace	1
215	2017-18	Atomic Absorption Spectrophotometer (AAS)	1
216	2018-19	AAS-Hollow Cathode Lamp(Cu,Zn,Cd,Cr,F	1
217		AAS-Da Gas, Fume Hood, Compressor, Re	1





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218		Computer	3
219		Particle Size Analyser	1
UNAIDED			
Department of Physics UG			
220	2015-16	Stand 8*5*24" NP	20
221		Clamp & boss head	20
222		DC voltmeter 0-3 V	10
223		DC voltmeter 0-10 V	10
224		DC voltmeter 0-500 V	10
225		Ballastic Galvanometer	3
226		Commutator key	10
227		Lamp & Scale	6
228		Fresnel Biprism 50*40 mm	2
229		Food Balance	1
230		DC milliammeter 0-10 mA	10
231		DC milliammeter 0-100 mA	10
232		DC milliammeter 0-500 mA	10
233		DC microammeter 0-100 μ A	10
234		DC microammeter 0-250 μ A	10
235		DC microammeter 0-500 μ A	10
236		Slotted weight 10*50 gram-iron	20
237		Screw gauge-1*25 mm	10
238		Vernier Caliper	10
239		Six Dial resistance box	10
240		High resistance 1K	10
241		Plug key -single	20
242		IC Regulated power supply 2-12 volt	15
243		Magnifier glass 3" black handle	5
244		Sprit level-2" brass	12
245		Intermediate travelling microscope	6
246		Plano convex lens-200 cm FL & plain glass	10 set
247		Rheostat 30 ohm	6
248	Carey Foster Bridge	6 set	
249	Sodium vapour lamp 35W with transformer	4 set	
250	Mercury vapour lamp 160 W	2	
251	2016-17	Microprocessor 8085 kit	20
252		IC regulated power supply 5 volt	10
253		Four dial resistance box	10
254		Hot plate-8"round	6
255		Magnetic stirrer cum hot plate	4
256		Sodium vapour lamp 35W with transformer	2 set
257		Tapped mutual inductance coil	15 pr
258		Photo diode	100
259		Potentiometer-10 wire with pencil jockey	4
260		Thermocouple	10
261		Diode BY 126	20





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262	Diffraction grating 15000 LPI	10
263	Audio oscillator - signal generator 2 Hz-200	10
264	Cathode ray oscilloscope	6
265	Lamp & Scale arrangements	4 set
266	IC regulated power supply +/- 9 V	10
267	Three dial condensor box	20
268	Six Dial resistance box	10
269	UJT - 2N 2646	50
270	Head phone	8
271	Meter scale teak wooden	30
272	Half meter scale	10
273	6" burette clamp with boss head	40
274	Metal stand for mercury vapour lamp	2
275	Metal stand for electro magnet coil for sono	10
276	Thermistor -47 ohm	50
277	Thermistor -100 ohm	50
278	Spectrometer prism-EDF-RI 1.65	15
279	Commutator-reversible key	12
280	Stop Watch-Digital racer make	20
281	Metal stand for sodium vapour lamp	2
282	Plane mirror 3"*1"	20
283	High voltage DC power supply 0-100 V	5
284	High voltage DC power supply 0-300 V	5
285	DC voltmeter 0-3 V	20
286	DC voltmeter 0-5 V	10
287	DC voltmeter 0-10 V	20
288	DC voltmeter 0-20 V	10
289	DC voltmeter 0-50 V	10
290	DC voltmeter 0-100 V	10
291	Koenig's mirror with holder	20
292	Retort stand 8"*5"*24" with boss head & cl	20 set
293	Tap key	25
294	IC regulated power supply 2-12 volt	20
295	Digital multimeter	10
296	Known resistance coil-5 ohm	10
297	Known resistance coil-2 ohm	10
298	Air Wedge - glass plate	12 set
299	Charge & discharge key	12
300	Sodium vapour lamp 55 W with transformer	2 set
301	Rheostat 30 ohm	20
302	Four dial condensor box	4
303	Double convex lens	10
304	Transistor BC 558	100
305	Transistor BC 547	100
306	Transistor BC 557	100
307	Standed spectrometer 178 mm-LC 1 min	6
308	Mercury vapour lamp 160 W-two pin	5





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309		LED	200
310		DC ammeter 0-5 A	10
311		DC milliammeter 0-10 mA	20
312		DC milliammeter 0-50 mA	10
313		DC milliammeter 0-100 mA	10
314		DC milliammeter 0-200 mA	10
315		DC milliammeter 0-500 mA	20
316		DC microammeter 0-50 uA	10
317		DC microammeter 0-100 uA	10
318		DC microammeter 0-250 uA	10
319		DC microammeter 0-500 uA	20
320		Daniel cell -AC operator	10
321		Galvanometer 30-0-30	20
322		High resistance 10K	10
323		Transistor BC 107	100
324		Bread board-wish board	20
325		IC 7400,7402,7404,7408,7432,7486	600
326		Sodium vapour lamp 35W with transformer	3
327		Thermometer alcohol 0-110 deg C	30
328		Condensing lens -4" with wooden holder	10 set
329		Metal stand for holding condensing lens	10
330		Magnifier 3" dia-metal handle	10
331		IC logic trainer kit	20
332		14 pin IC base on Hylum sheet	10
333		High resistance 1 M	10
334		Induction stove -model pick 20	8
335		Speaker	5
336		IC 7411	100
337		IC 7447	50
338		IC 7490	50
339		DC milliammeter 0-20 mA	10
340		FET -BFW 10	50
Department of Physics PG			
341	2015-16	Crucible for Forbe's App	3
342		Film developer kit	3
343		Crystal tank	2
344		Ferguson coil	6
345		Hall probe(ge crystal- N type) HPN 21	4
346	2016-17	Hexa Keyboard	2
347		Musical tone generator	2
348		Stepper motor with controlled board	2
349		DAC Interface	2
350		ADC Interface	2
351		Traffic light control system	2
352		Electric bunsen burner without regulator	5
353		Spot reflecting galvanometer	3
354		Digital gauss meter with probe-20K	2





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355		Laser source only-Pico-LS 001	2
356		E/M by helicals method	1
357		Digital IC tester AEC make	1
358		Cryystal with tank	2
359		Hyperbolic glass plate 12mm thick square	10
360		CDS cut film	2
361		Photographic film developing chemicals	4 set
362		Thermometer 0-50 DegC/alcohol	20
363		Four probr-complete setup-basic model SES	1 set
364		Plank's Constant Apparatus-BESTO,Cat NO	1
Department of BioChemistry			
365	2015-16	Centrifuge Machine Remi	1
366		Bunsen Burner With Stopper	1
367		Ph Electrode	1
368	2016-17	Centrifuge Machine Remi	1
369		Electronic Balance	1
370		Colorimeter	1
371		Deioniser Per Hour 10 Ltr	1
372		Microscope	1
373		Centrifuge Machine Remi	1
374		Colorimeter	1
375		Microscope Delux Model	1
376		Microscope (Led)	1
377	2017-18	Mixer Grinder Jar	1
378	2018-19	Lenova System	1
Department of Foods and Nutrition			
379	2016-17	Bunsen Burner	2
380		Colorimeter	1
381		Digital Balance	1
382		Centrifuger	1
383	2017-18	Smart TV	1
384		System	1
Department of Computer Technology (IT & CT)			
385	2016-17	System	2
386		LCD Projectors	2
Department of Computer Science (UG & PG)			
387	2017-18	System	1
388	2016-17	Instant Water Heater	1
389		Wax Heater	10
390		Iron Box	1
391		Stimer 2 In 1	1
392		Perdicure Tub	1
393		Mug Steamer	13
394		2017-18	Computer Table
395	Computer UPS		1
Department of Commerce CA			
396	2017-18	System	2





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397	2018-19	LCD Projector	1
Department of Cooperation			
398	2017-18	System	1
399	2019-20	System	1
Department of Business Administration			
400	2015-16	Computer	1
401		Printer	1
402	2016-17	Connectors	3
403	2017-18	Laptop	1
Department of Commerce (E-Commerce)			
404	2017-18	Smart TV	1



Saravathi

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