

Annasaheb Waghire College of Arts, Science and Commerce

Otur, Tal. Junnar, Dist. Pune, Pin-412 409.

Phone.no. 02132 264 138, Email. Id: awc otur@pdeapune.org

Website: http://www.pdeaawcotur.edu.in



3rd Cycle

NAAC Assessment and Accreditation

Criterion - 4

Infrastructure and Learning Resources

KI: 4.1.1: The institution has adequate infrastructure and other facilities for,

- Teaching –learning viz., classrooms, laboratories, computing equipments, etc.
- ICT-enabled facilities such as smart class, LMS, etc.

Facilities for cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium, etc.

QIM - 4.1.1



Annasaheb Waghire College of Arts, Science & Commerce

Otuc Tal. Junnar, Dist. Pune - 412 409.

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Connect No. MMCSC 24 04 / 2023-24

Date: 06105 31122

Ajit Pawar

Rajendra Ghadge

Adv Sandsep Kadam Sederbeiter

Adv. Michaniso Dephroph

St. Sectors

Dr.A. J. Khandagie

DECLARATION

We hereby declare that, the information in the form of supporting documents, reports, numerical data, etc. provided / submitted / presented in this file was verified by Internal Quality Assurance Cell (IQAC) of this college and found to be correct.

This declaration is for the purpose of NAAC accreditation of HEI for 3° Cycle period 2017-18 to 2021-22.

Date: 6 May 2023

Place: Otur, Tal. Junnar, Dist. Pune.

Dr.V.M. Shinde IQAC Coordinator

Acrustateb Wagning College, Otur, Tal. Junner, Dist. Purse-412 408. Dr. A. J. Chandagle Principal and IQAC Coordinator Principal

Prior Minimal Education Associations
Associate Wagness College of Arm, National & Communication, Salamon, Printerson (2008)



Index

Sr. No	Name of Content
1	Google Earth Images of College Campus
2	Total Campus: Admeasures
(i)	Building -A
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(v)	Building -E
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(iii)	Outdoor Sports facility
(iv)	Sports Infrastructure
(v)	Sports Consumable and Non-Consumable
4	Photos of Infrastructure, Sports and Cultural Activities
5	List of Experimental Instruments with sample photos
6	List of Computing Equipements (Computers)
7	ICT Enabled Facilities (Classrooms with LCD)

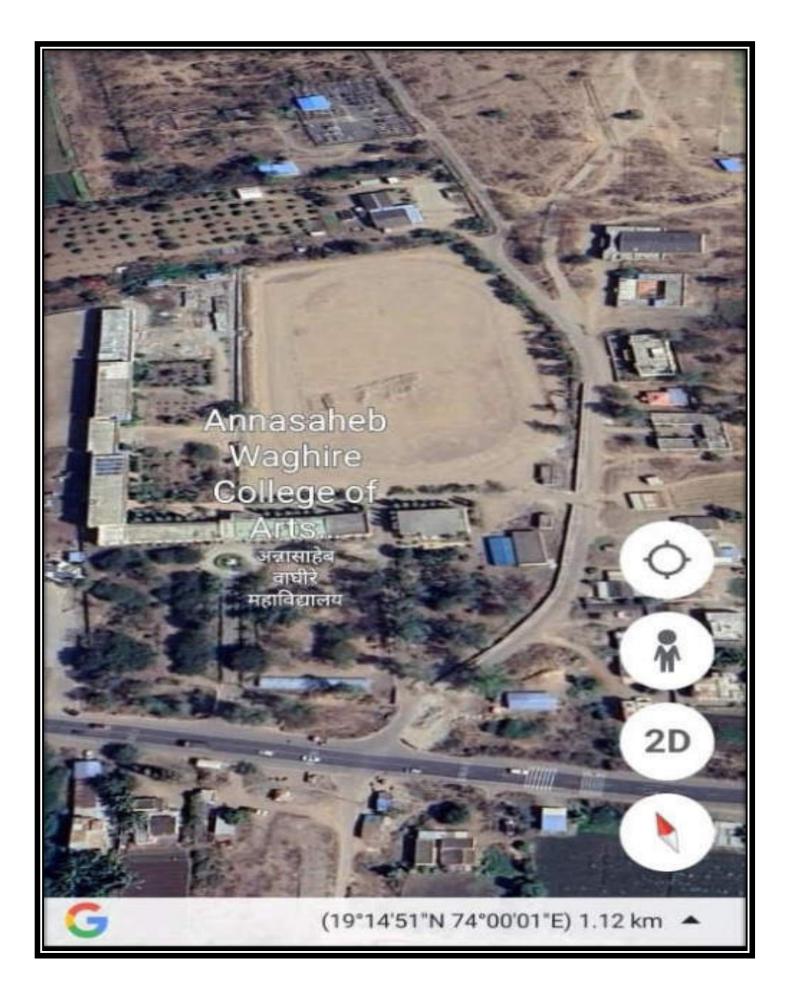


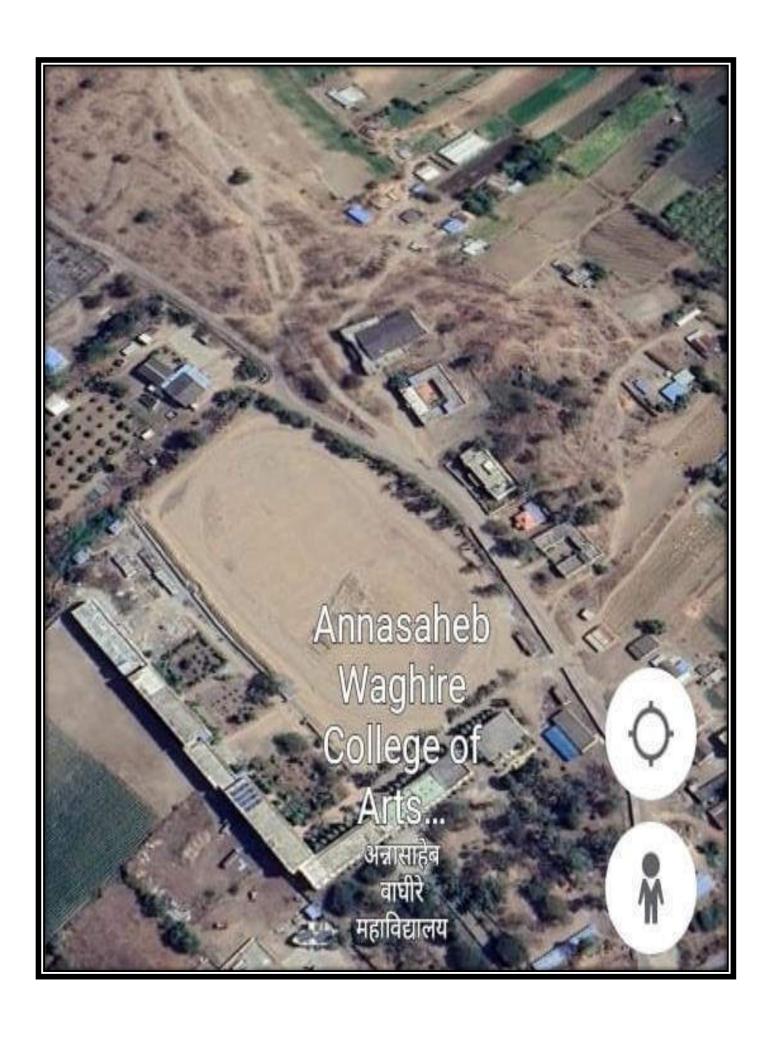
Annasaheb Waghire College of Arts Science and Commerce, Otur

Tal. Junnar, Dist. Pune, Maharashtra - 412409

Google Earth Images of Annasaheb Waghire College of Arts, Science and Commerce, Otur Campus







Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist- Pune

Building A, Infrastructure

Building A	Size	Floor	Area sq. feet	Tetal
Building East	40*121.6		4864 sq.feet	
Building West	34*122.6		4168.4	
Area		Ground Floor	9032.4 sq. feet	
		First Floor	9032.4	The second second
			Building A	18064.8 sq.feet
			Building A	173.244sq.mete
Chemistry				
Lab I	39*30		1170	
HodCabin	9.6*30		288	
Lab 2	29*30		870	
Instrument Lab	9.6*30		288	
			Total Chemistry =	2626 sq. feet
Botany	40*36		1440 sq feet	
Zoology	40*36		1440 sq feet	
Physics			2626 sq feet	
Ladies Room + Staff Room	25*30		750	
Class Room	25*30		750	
Store Room	25*30		750	
I.T	29*30		870	
	1		3120 Sq feet	
Porch	40*30		1200 sq feet	
First Floor-Staff Room	29*20		580	
Class Room	25*30		750*3 = 2250	
Class Room	29*30		870 = 870	
				3700sq. feet
l'otal Class Room Area				4450sq. feet
iporch	244.2*6	-	1465.2	
Control of the Contro			1465.2	
				2930.4 sq. feet





Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist- Pune

Building B Infrastructure

Building B	Hall No	Size	Floor	Area sq. feet	Total
		150*35		5250 sq. feet *3	
Total Build Up Area					15750sq. feet
Ground Floor			Ground Floor		
Examination	20	25*30		750	
Office	21	60*25		1500	
Principal	22	15*25		375	
Meeting Hall	23	15*25		375	
					3000sq feet
First Floor			First Floor		
Commerce	24	25*30		750	
Research Center	25	8*25		200	
Computer Lab	26	25*30		750	
Virtual Clasroom	27	25*30		750	
Seminar Hall	28	25*35		875	
					3325 sq feet
Second Floor	19.40			200	
Classroom	29	25*30		750	
Maths	30	8*25		200	
Classroom Hall	31	25*30		750	
Classroom Hall	32	25*30		750	
Classroom Hall	33	20*35		875	
Department	34	8*5		200	
					3325 sq feet
Total Carpet Area					9650 sq feet
Total Classroom in B Building				t	3125 sq feet
Sporch		25*8		1200 sq feet*3	3600sq feet



Principal

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Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist- Punc

Building C Infrastructure

The state of the s					
Building C	Hall No	Size	Floor	Area sq. feet	Total
Built up Area		25*95	2375sq feet	2375*2	4750
			Ground		
Classroom	35	25*20	Ground	500	
Classroom	36	25*20		500	
Classroom	37	25*20		500	
					1500sq. feet
-//- 10			First Floor		
Chemistry Lab	38	25*20			
Chemistry Lab	39	25*20			
Chemistry Lab	40	25*20			
Sporch		95*5		475sq feet +475	950sq feet





Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist- Pune

Building D Infrastructure

		Intra	tructure		
Building D	Hall No	Size	Floor	Area sq. feet	Total
Built up Area		140*35		4900 * 3	14700 sq feet 1365,66sq m
			Ground Floor		
Classroom	41	25*30		750	
Classroom	42	25*30		750	
Geography Lab	43	25*30		750	
Geography Department	44	25*29		500	
					2750ng feet
			First Floor		
Chemistry Lab	45	25*30	750		
Politics/ Psychology	46	25*30	750		
IQAC	47	25*30	750		2750sq feet
DST Lab	48	25*20	500		
And the second of the					8250 sq feet 766.44 sq meter
Total Class Room Area					4250sq feet
7.000					
			Second Floor		
	49	25*30	1	750	
	50	25*30		750	
	51	25*30		750	
	52	25*30		500	
		12000			2750sq feet
D Building		140*8		1120*3	3360sq feet



Principal

Principal

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Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal -Junnar, Dist- Pune

Building E Infrastructure

Building E	Hall No	Size	Floor	Area sq. feet	Total
		140*35		4900*2sq feet	9800sq.feet 455.22sq meter
			Ground		
Classroom	53	25*30		750	
Classroom	54	25*30		750	
Classroom	55	25*30		750	
Classroom	56	25*30		750	
			Second Floor		3000 sq. feet
Economics Dept. and Classroom	57	25*30		750	
Hindi Dept. and Classroom	58	25*30		750	
English Dept. and Classroom	59	25*30		750	
Marathi Dept. and Classroom	60	25*30		750	
Total Classroom					3000sq. feet





Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist- Punc

Infrastructure Hostel

Hostel	Size	Floor	Area sq. feet	Total
Boys Hostel		Ground Floor		3762.25 sq. feet
				349.52 sq. meter
Ladics Hostel		Ground Floor	311.81	
		The second secon	A STATE OF THE STA	
		First Floor	311.81	The second second
				= 623.62 sq. meter
				-6712.6 sq. feet
				100





Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist- Pune

Infrastructure Washroom or Toilets

Sr. no	Content	Washroom or Toilets
1	Boys	41
2	Girls	28
		Total =69





Parer Common Education Association's Associated Michigan College of Acts, Science & Commons, Glar, Sal James, Coll Face-412420

Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal -Junnar, Dist- Pune

Building

Infrastructure

S., no	Name of Head	sq.feet	sq.meter
1	Principle Office	375 sq.feet	3484sq.m
2	Office	1500 sq.feet	139.35 sq.m
3	Chemistry Laboratory	5376 sq.feet	499,44sq.m
4	Material Science Laboratory	2626 sq.feet	243.96 sq.m
5	Botany	1440 sq.feet	133.77 sq.m
6	Animal Experiments	1440 sq.feet	133.77 sq.m
7	Computer Lab	750 sq.feet	69.676
8	LT. Lab	870 sq.feet	80.825
9	Geography Laboratory	750 sq.feet	69.676
10	Library	6046 sq.feet	561.68
11	Ladies room	10*25-250	23.23 sq .m
12	Record room	750 sq.feet	69.676
13	NAAC room	750 sq.feet	69.676
14	Staff room	20*25~500	46.45
15	Seminar Hall	875	81.289
16	Class rooms	19325	1795.34sq.п
17	Girls Hostel	6712.64	623.62
18	Boys Hostel	3762.00	349.52
19	Sport Complex	9860	916 sq.m
20	N.C.C room	150 sq.feet	13.94
21	N.S.S	150 sq.feet	13.94





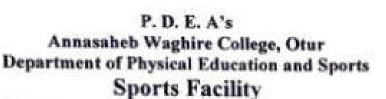
Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal -Junnar, Dist- Pune

Building Infrastructure Total Area of Building

Sr. no	Building	Area square feet	Area meter
1	Building A	18064.8	1678.26
2	Building B	15750.0	1463.21
3	Building C	4750.0	441.28
5	Building D	14700.00	1365.66
5	Building E	9800.00	910.44
		63064.8 sq.feet	5859 sq.m
6	Library	6046	561.68
7	Boys Hostel	3762.25	349.52
8	Gymnasium Hall	12347	1147.0
9	Girls Hostel	6712	623.56
		28867.25	2681.76
		63064.8+28867.25 = 91931.0 sq.feet	5859+2681.76= 8540 sq.m



Principal





NDOOR SPORTS FACILITY

Sr. No	Name of the court	No. of Court
1.	Badminton Court	02
2.	Table Tennis	02
3.	Chess	05
4.	Basketball	01
5.	Yoga and Meditation Hall	01
6.	Weight Training Hall and Weight lifting Set	01
7.	Carom Room	01
8.	Wrestling Hall	01
9.	Aerobics Hall	01

♦ INDOOR GYM:

Sr. No	Name of the Equipment's	Nos.
1.	Eight Station Multi Gym	01
2.	Six Station multi gym	01
3.	Dumbbells	03
4.	Weight Lifting Bars	04
5.	Weight Plats	16

Director of Phy Edu. A. W. College Otur (Pune)



Principal

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Association's

Association's

Dist. Tallaters, College of New York



P. D. E. A's Annasaheb Waghire College, Otur Department of Physical Education and Sports Sports Facility

* OUTDOOR SPORTS FACILITY:

Sr. No	Name of the court	No. of Courts	
1.	400m Track standard	6 Lanes	
2.	Volleyball	02	
3.	Handball	02	
4.	Hockey	01	
5.	Football	01	
6.	Kho-Kho	02	
7.	Kabaddi	02	
8.	Archery	02	
9.	Netball	01	
10.	Baseball	01	
H.	Softball	01	
12.	Cricket	01	

Director of Phy Edu. A. W. College Otur (Pune) Company of the Compan

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Principal

Parte District Education Association's

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P. D. E. A's Annasaheb Waghire College, Otur Department of Physical Education and Sports

Sports Facility

OPEN GYM INSTRUMENTS:

Sr. No	Name of the Equipment's	Quantity
1.	Single Bar	02
2,	Double Bar	02
3.	Chest Press Cum Seated Puller	05
4.	Shoulder Builder Cum Seated Twister	01
5.	Standing Squat	01
6.	Rower	01
7.	Sit Up Board Cum Pommel Horse	01
8.	Combination (Leg Press+ Air Walker + Standing Twister)	01
9.	Bench With Fixed Weight	01
10.	Cross- Trainer	01
11.	Knee Hip Raiser	01
12.	Back Extension	01

Director of Phy Edu. A. W. College Ottar (Pune) College Manage Common & College Manage College Mana

Principal

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P. D. E. A's Annasaheb Waghire College, Otur Department of Physical Education and Sports Sports Facility

♦ INFRASTRUCTURE FACILITY

Sr. No	Available Area	Measurement in Meter (y) 181 x 90Mtr	
ı	Ground (Track and Outdoor Sports Facility)		
2	Multipurpose Hall	30 X18Mtr	
3	Basketball Court	28 X 15Mtr	
4	Gym Room I	8 X 6.20Mtr	
5	Gym Room 2	4.45 X 3.30Mtr	
6	Weight Training Room	4.35 X 3.70Mtr	
7	Office: 1	4.45 X 3.30Mtr	
8	Office: 2	6.10 X 2.80Mtr	
9	Men Changing Room	6.10 X 2.80Mtr	
10	Men Toilet	4.50 X 2.40Mtr	
11	Women Toilet	4.50 X 2.40Mtr	
12	Women Changing Room	4.95X4.35Mtr	
13	Table Tennis Room	6.10 X 4.80Mtr	
14	Dead Stock Room	6.10 X 2.80Mtr	
18	Wrestling Room	6.10 X 4.80Mtr	
16	Open Specs	9.70 X 6.10Mtr	
17	Aerobics Hall	8 X 6.20Mtr	
18	Open Space	9.70X 6.10Mtr	
19	Meditation Hall	6.5 X 3.5Mtr	
20	Yoga	20.80 X 4Mtr	
21	Entrance Space (Ground Floor)	29.5 X 4Mtr	

Director of Phy Edu A. W. Callege City (Pure)



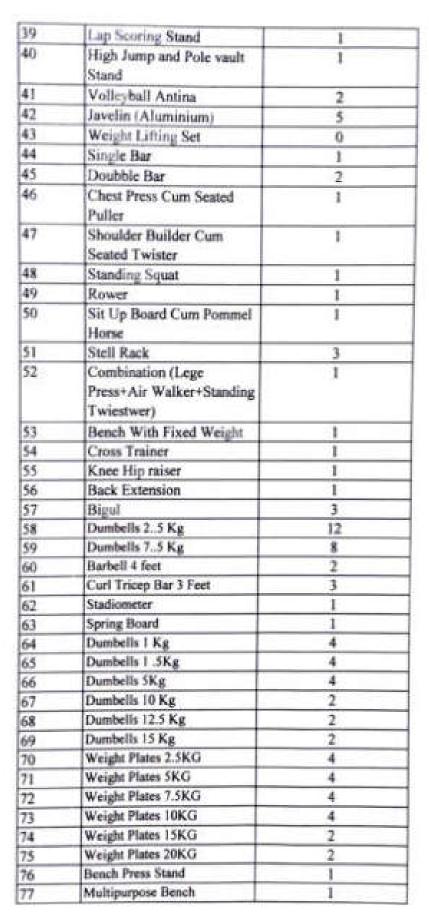
P.D.E.A's

Annasaheb Waghire College, Otur

Department of Physical Education and Sports (Senior) Non-Consumable Sports EquipmentStock 2022-23

Sr. No	Name of the Equipment	Balance 2022-23	
	Air Pump		
2	Archery Bow Stand	3	
3	Baton	10	
4	Cupboard	4	
5	Buckets	2	
5	Basketball Post	1	
7	Badminton Pole	3	
В	Football Goal Post	1	
9	Hammer	11	
10	High Jump Bar	2	
11	Handball Goal Post	2	
12	Hurdles	10	
13	Inventor	0	
14	Kho-Kho Pole	1	
15	Malkhamb Pole	i	
16	Netball Goal Post	i	
17	Pole-vault Bar	0	
18	Shot-Put	4	
19	Starter Gun	2	
20	Softball Slugger	2	
21	Take Up Board	1	
22	Toe Board	2	
23	Table Tennis Table	2	
24	Treadmill (Manual)	0	
25	Torch (Jyot)	2	
26	Volleyball Pole	1	
27	Weight Machine	1	
28	Hockey Goal Post	1	
29	8-Station Multi Gym	1	
30	5-Station Multi Gym	1	
31	Dhole	1	
32	Drum	1	
33	Drum Sticks	3	
34	Dhole Tap	0	
35	Archery boss Stand	2	
36	Judges Stand	1	
37	Victory Stand	1	
38	Starter Stand		







78	Utility Bench	1
79	Plate Rack Heavy Duty	1
80	Dumbells Rack Heavy Duty	1
81	Seat and Reach Box	1



Director of Phy Edu A. W. Gollege Other (Pune)

Principal

Pune District Education Assemblefor's

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Out, Telderice, District, College of St.



P.D.E.A's

Annasabeb Waghire College, Otur Department of Physical Education and Sports (Senior) Consumable Sports Equipment Stock 2022-23

Sr. No	Committee and and advantages	Balance 2922-23
_	Archery Bow	2
2	Arching Arrows	42
3	Archery Face	
1	Cricket Bat	5
5	Baschell	1
6	Baskethell	4
7	Basketball Net	2
1	Boxing Gloves	3
9	Boxing Head Guard	4
10	Badminton Rackets	2
11	Shattle Cock	24
12	Chapter	- 4
13	Cricket Ball (Lether)	19
14	Cricket ball Tennis	10
15	Cricket mail	1
16	Cricket Net	
17	Fitness Coin	20
18	Cricket Pad	5
19	Carties Board	2
20	Carum Kavadi	2
21	Chess Board	
22	Cheo Kavadi	5
23	Discrete	5
24	Football	- 1
25	Hockey half	- 6
26	Handhall	12
27	Hendball Net	0
28	Hoches Stick	6
29	Hockey Net	
30	Arvelina (Hamboo)	1
31	Cricket Gloves Keeper	2
32	Knee Cap	3
33	Korthall	3
34	Marking Rope	3
	Marking Tape	5
	Net Bull	3
7	Ring Tennia	
8	Spikes	18
	Stop Watch	3
	Softball	10
1 3	ofthall Gioves	TI.
2 2	thoes	i
	kipping Rope	
	Hamps	0
	ander	13
	horts	0
	Shirts	0
	-Shirt & Shorts	0
	able Tennis Rackets	
	able Tennis ball	10
	able Tennis Net	12
	ack Suit	2



_ 33	Veileyball 32 pion	7		
44	Volleyball foons	1		
45	Volleyball Net 2			
46	Wrestling Costume	2		
47	Whistle	1		
48	Kneepad	22		
- 49	Volleyball (One Pice)	10		
. 59	Badminton Net	2		
31	Hiskin God Kuper Kit	1		
52	Uricket Weskerkingung Pad	2		
.53	Cricket Gurd (Center)	7		
54	Cricket Thigh Pad	2		
55	Cricket Chest guird	- 1		
56	Cricket Helmet	- 5		
12	Tennis rackets	1		
58	Bereing Torth Guard	- 4		
59	Boxing Purching Bag			
60	Boxing Costume			
61	Cricket Batting Gloves	7		
62	Cricket Kit Bag	0		
63	Cricket T-Shirt and Lower	34		
64	Swimming Contume	3	- 10	
65	Medicine Ball 18.4			
66	Medicine Ball 2Kg	1		
67	Medicine Ball Skg	3		
68	Lawn Tennis Bull	23		
69	Multi Purpose Mat	5		
79	Speed Ladder	4		
21	Done Cone	12		
72	Plantic Control Ware	2		
73	Hammer Wire With Handle	1		
74	Weighing Scale			
75	Sater Block	4		
76	Ball Badmintion Raqual	4		
77	Ball Badminton Ball	1		
78	Ball Badmintion Net	1		
79	Medicine Ball 4Kg	2		
80	First Aid Box			
81	Fukkey	0		
82	Swiss Ball	2		



Director of Phy Edu A. W. College Glur (Pune)

Weight Lifting Belt



Principal

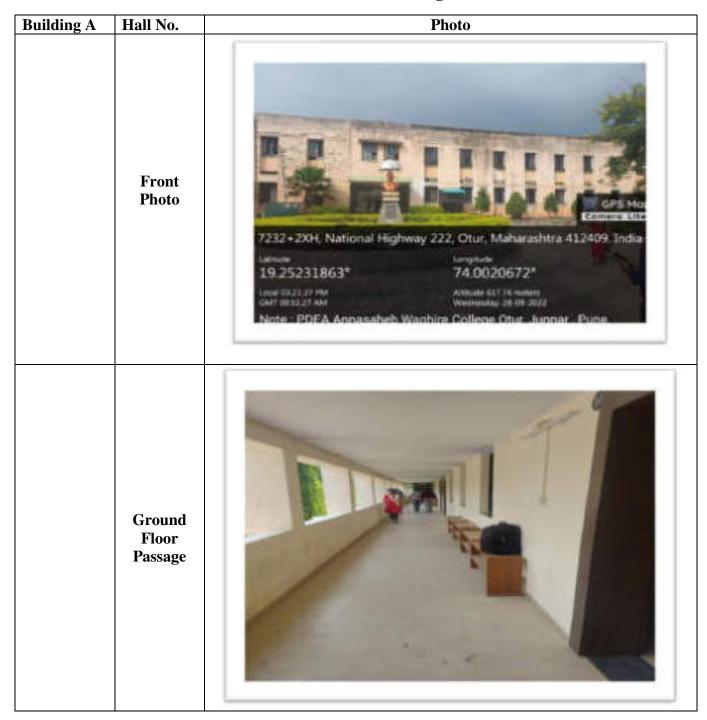
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Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist.:- Pune-412409

Infrastructure: Building A



Botany	Hall No 01 Lab-01	One laborate to bids refer to the result of	The Notice of the Control of the Con
Chemistry	Hall No. 2 Lab-2		
Chemistry	03 HOD Cabin		

Chemistry	Hall No- 4 Lab 1	
Ladies staff room	Hall No- 5	The state of the s
NAAC Office	Hall No- 6	THE REAL DEVICE

Classroom	Hall No- 7		
Store Room	Hall No- 8 Store Room	A-DA	
IT Lab	Hall No- 9		

Second Floor	Passage		
Zoology	Hall - 10 Lab		
Physics	Hall- 11 HOD Physics		

Physics	Hall- 12 Physics Lab 3		
Physics	Hall- 13 Physics Lab-2	THE PARTY OF THE P	
Physics	Hal1- 14 Physics Lab1	Herital Janes	







Pune District Education Association Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist.:- Pune- 412409

Infrastructure: Building B

Building B	Building B Hall No. Photo		
Building B	Front	Photo	
Building B	Photo		
Ground Floor	Passage		
Exam Dept.			

Office	Hall No- 21		
Principal Office	Hall No- 22		
Meeting Hall	Hall No- 23		
Second Floor	Passage		

Dept. of Commerce	Hall No- 24,25		
Computer Lab	Hall No- 26	Otur, Maharashtra, India 7273/2000, Maque Ralyar Najokay, Alimatina jur Kalyar India 600 Mar Sa Sa Juli India Sa Juli	
Virtual Lab	Hall No- 27	ED COP'S Make Castler City, Markaras Mrs., Inches TERM, Markaras Mrs., modes TERM, Markaras Mrs., mode	
Conference Hall	Hall No- 28		

HOD Cabin and Classroom	30	
Classroom	31	
Classroom	32	
Classroom	33	





Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist- Pune Infrastructure: Building C

infrastructure: Building C		
Building C	Hall No.	Photo
Building C	Front Photo	
	Passage	
Classroom	Hall No 35	

Classroom	Hall No 36	
Classroom	Hall No 37	
First Floor	Passage	
Chemistry	Hall No- 38 Lab	



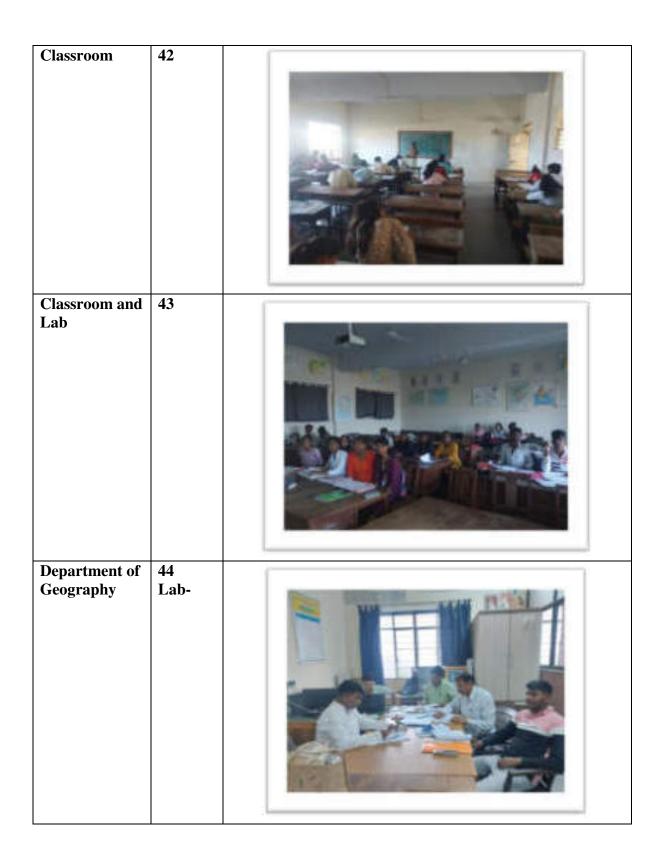
Chemistry Hall No-40 Lab





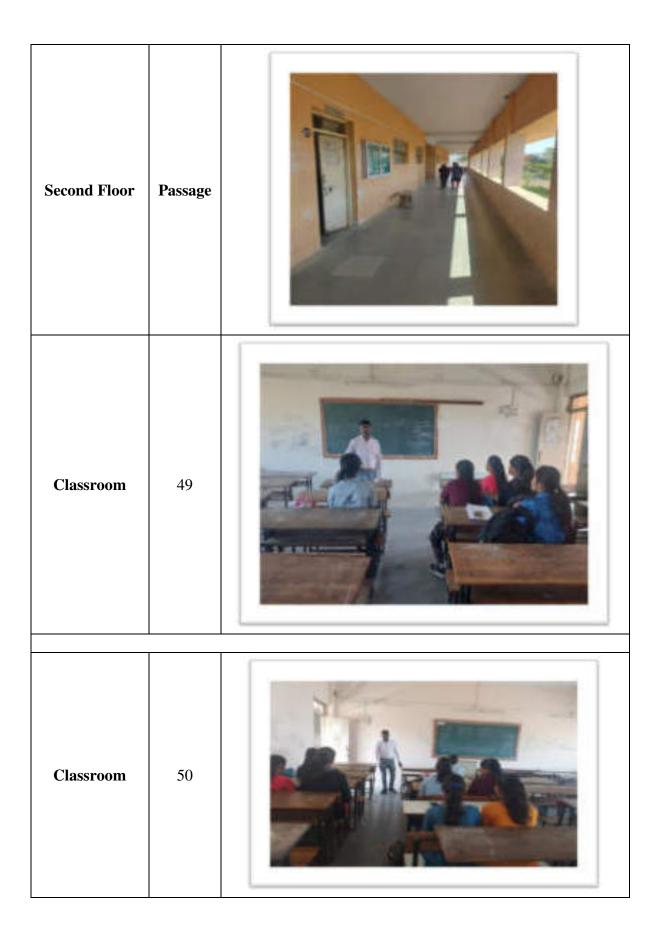
Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist.:- Pune- 412409 Infrastructure: Building D

D TIP D	TT. II NT.	Dhata
Building D Building D	Hall No. Front Photo	Photo
Ground Floor	Hall No 41-44 Passage	
Classroom	Hall no 41	



Gents Toilet		
First Floor	Passage	
Chemistry	45 Lab	
Politics and Psychology	46	Sew Shinner HP Petrol Pump Nager Kalyan highway, Osu-Maharashtra 432400, India settum 19-2580984* 73.9897979* seat 11-3270 AM Admire II report Therefore, O4 05.2503 sett Atrassatish Wagfine paleoge Char, Gallege Political science an





Classroom	51	
Classroom	52	



Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist- Pune

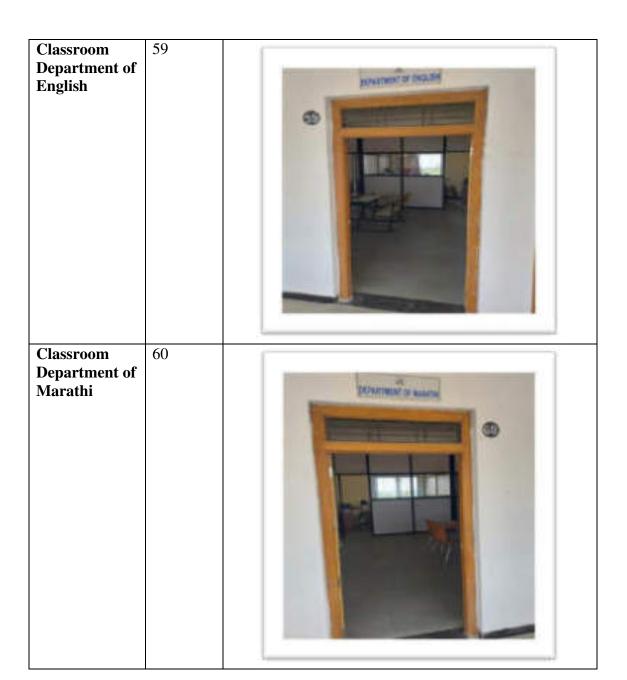
Building E

Infrastructure

Building E	Hall No.	Photo
Building E	Front Photo	
Ground Floor	Hall No 53 to 56	
Classroom	Hall no 53	



First Floor	Passage	
Classroom Department of Economics	57	
Classroom and Department of Hindi	58	





Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist.:- Pune-412409 Students' facilities



Solar Panel













Canteen Facility





Canteen



Kitchen



Dinning Hall

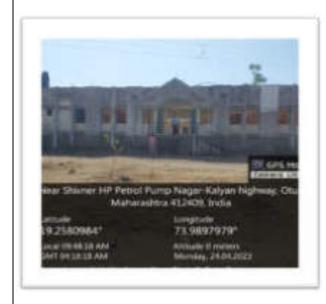




Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist.:- Pune-412409

Infrastructure: Hostels

Boys Hostel







Boys Hostel room

Girls Hostel



Girls Common Room

Girls Room in Hostel

Girls Dinning Hall







Reading Room in Hostel

Water Heater in Hotel









Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist.:- Pune-412409 Library Infrastructure



Library



Reception Counter



Librarians' Cabin



Reference Book Section



Philosophy Reference Book Section



Reference Book Section



Text Book section



Text Book section



Competitive Center





Reading Room Reading Room



Dr. A. P. Abdul Kalam Reading Katta-1



Dr. A. P. Abdul Kalam Reading Katta-2



Dr. A. P. Abdul Kalam Reading Katta-3



Department Of Physical Education and Sports Indoor Sports Facility

Otur, Maharashtra, India 7233+PFW, Otur, Maharashtra 412409, India Lat 19.253833° Long 74.004037° 15/05/23 11:52 AM GMT +05:30



Indoor Sports Complex



Multi-Purpose Hall



Yoga Hall



Chess Room



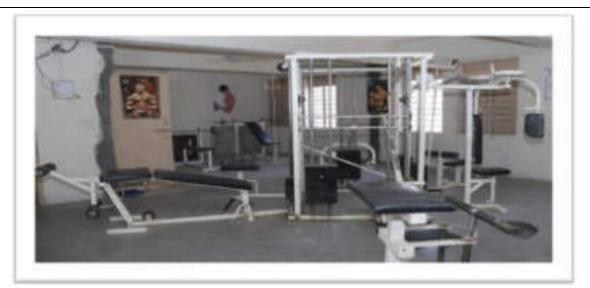
Badmintion Court



Basketball Court



Weight Training and Gym



6 Station Multi-Gym



8 Station Multi-Gym



Multi-Gym





Dumbells, Weight Plats and Barbel



Beanch Press



Office of Physical Education Department



Men, Women Toilet



Wrestling Hall



Sports Stock Room



Yoga, Meditation and Arobiscs Rooms





Table Tennis Room

Outdoor Sports Facility 400Mtr Track Entrace



400Mtr Track (6 Lean)











400 mtr Tack Athletis Events







Cricket Pitch and Ground





Open Gym, Single and Doubble Bar







Open Gym I &II



LED Light facility



Football Court





Volleyball Court





Kabaddi Court





Handball Court



Cycling



Tug off War

Cultural Activities

















Principal
Pure Division Securation Association's
Association Waghing College of Arts. Science & Comments,
Coll., Tel. Juneary, Disc. Physio-4 (2009)

Pune District Education Association

Annasaheb Waghire College of Arts, Science and Commerce Otur, Tal –Junnar, Dist.:- Pune-412409

LABORITES, LIST OF INSTRUMENTS AND PHOTO OF INSTRUMENTS

Department of Physics

List of Equipments/ Instruments(Till 2022-23)

List of Equipments/ Instruments(Till 2022-23)											
Sr. No.	Name of Instrument	Date of Purchasing	Qty	Cost (Rs.)	Funding System						
1	Frank Hertz, with C.R.O.	13-03-14	01	71995.00	Purchased by Institute						
2	Millikan Soil Drop with T.V. (Samsung)	13-03-14	01	41535.00	Purchased by Institute						
3	Electron Spin Resonance with C.R.O.	13-03-14	01.	54230.00	Purchased by Institute						
4	Study of voltage controlled oscillator IC - 566	13-03-14	01	2925.00	Purchased by Institute						
5	Frequency Multiplier Using PLL - 566	13-03-14	01	2925.00	Purchased by Institute						
6	Function Generator 1 Mhz	13-03-14	03	8775.00	Purchased by Institute						
7	SMPS Power Supply Kit	13-03-14	01	7605.00	Purchased by Institute						
8	Active filter low pass, Using OPAMP	13-03-14	01	2925.00	Purchased by Institute						
9	Wein Bridge Oscillator / Using OPAMP	13-03-14	01.	2925.00	Purchased by Institute						
10	Study of multiplexer & demultiplexer	13-03-14	01	2925.00	Purchased by Institute						
11	Measurement of efficiency of a power amphi. (IC810) and study of its frequency capacitor	13-03-14	01.	4095.00	Purchased by Institute						
12	Crystal Osillator miller type and digital clock	13-03-14	01	2925.00	Purchased by Institute						
13	Study of opt coupler, McT2E and application	13-03-14	01.	2925.00	Purchased by Institute						
14	Precision rectifier kit	13-03-14	01	2925.00	Purchased by Institute						
15	Study of Diod Pump kit	13-08-14	01	2960.00	Purchased by Institute						
16	DAC (R2R) and Binary type kit	13-08-14	01	2870.00	Purchased by Institute						
17	Susceptibility by qoass method scientific	13-08-14	01.	93500.00	Purchased by Institute						
18	Function Generator Trainer Kit	13-08-14	01	3980.00	Purchased by Institute						
19	CVCC Power Supply Kit	13-08-14	01	4980.00	Purchased by Institute						
20	Michelson Interferometer with telescope	13-08-14	01	49600.00	Purchased by Institute						
21	Frequency to Voltage Converter	13-08-14	01.	4250.00	Purchased by Institute						
22	Pulse Oxymeter of Pulse Parameter	30-03-15	01	3206.00	Purchased by Institute						
23	Glucometer as a sensors/ strain qauge	30-03-15	01	1450.00	Purchased by Institute						
24	Potovaltaic characteritics of solar cell all set.	28-04-15	01	16350.00	Purchased by Institute						
25	Digital Balance (0.1 m.g.)	28-04-15	01.	35500.00	Purchased by Institute						
26	Magnetic stirer with Bead	28-04-15	01	7550.00	Purchased by Institute						
27	Respiration Rate Apptt.	28-04-15	01	16986.00	Purchased by Institute						
28	Scientech Active Filter Kit	17-04-15	01.	25900.00	Purchased by Institute						
29	E.C.G. Machine BPL	17-04-15	01	25500.00	Purchased by Institute						
30	Study of solar still	30-06-15	01	28500.00	Purchased by Institute						
31	Determination of Calorigic Valu of wood cowdung	30-06-15	01	10021.00	Purchased by Institute						
32	Hallow Glass Prism	30-06-15	01	2700.00	Purchased by Institute						
33	Glucometer Accuchek	29-10-18	02	5249.00	Purchased by Institute						
34	UJT / IV Characteristic Kit	29-10-18	02	9598.00	Purchased by Institute						
35	Electronic Cable and Jelly	28-04-15	01	300.00	Purchased by Institute						
36	Pulse Oxymeter with U.S.B.	17-04-15	01	18905.00	Purchased by Institute						

PHYSICS LABS









Photos of Instruments

Function Generator Transistor



Water and Soil Analysis Kit



Crystal Oscillator



S. M.P. S. Power Supply



Active Filters using Low pass, High pass kit



UJT as relaxation oscillator



UJT Characteristic Apparatus



Double Distillation Plant



Muffle Furnace



Hall Effect



Four Probe Method



GM Tube



Constant Current Power Supply



Frank-Hertz Experiment



Precision Rectifier



Study of Phase Shift oscillator



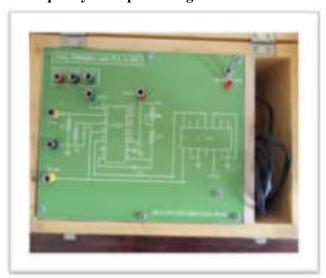
Study of MUX/DEMUX



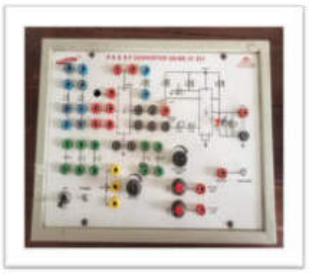
VCO using IC 566



Frequency Multiplier using PLL IC 545



F-V & V-F Converter using IC 331





Photovoltaic Solar Cell





Study of Opto-Coupler



Study of Power Amplifier



Steafan's Law Apparatus Kit



Michelson Interferometer



Department of Botany

List of Equipments/ Instruments (Till 2022-23)

	Name of Instrument	Date of	Qty.	Cost (Rs.)	Funding
		Purchasing		, ,	
1	Over Head Projector	28-03-04	1	13899.00	UGC
2	Autoclave Vertical	15-06-10	1	7920.00	Purchased by Institute
3	Centifuge Machine	27-09-12	1	65000.00	Purchased by Institute
4	Hot Plate Magnetic Stirrer	20-03-03	1	3000.00	Purchased by Institute
5	Laminar Air Flow Work Station	06-04-09	1	61000.00	Purchased by Institute
	Horizontal Size 4"/2"				
6	PH Meter Digital	16-04-10	1	5400.00	Purchased by Institute
7	Rotary Mochrotron	27-09-12	1	34000.00	Purchased by Institute
8	Trinocular Research	27-09-12	1	60000.00	Purchased by Institute
	Microscope				
9	Single beam UV Visible	23-07-14	1	154000.00	UGC
	Spectrometer with Software				
10	Double Distillation Unit	16-04-10	1	17100.00	Purchased by Institute
11	binocular Microscope	30-03-88	1	2600	UGC

Magnetic Stirrer with Hot Plate



PH Meter



Trinocular Research Microscope



Overhead Projector

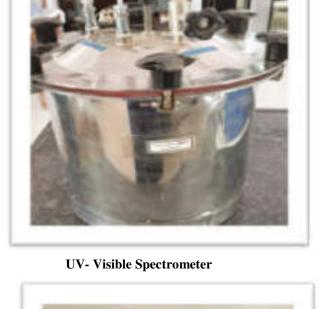


Autoclave



Rotary Microtome





Binocular Microscope





Department of Zoology List of Equipments/ Instruments (Till 2022-23)

Sr. No.	Name of Instrument	Date of Purchasing	Qty.	Cost (Rs.)	Funding System
1	Michrotome	13-01-79	1	1500	Purchased by Institute
2	Dissecting Binocular Microscope	30-03-89	1	3600.00	Purchased by Institute
3	Over Head Projector	28-03-04	1	13899.00	Purchased by Institute
4	LM50912/1 Camera DSLR Camera for Photography	06-03-19	1	49501.00	Minor Research Project- Dr. Jadhav V. D.
5	Camera	20-03-03	2	16800.00	Purchased by Institute
6	Variable type power pack	18-12-14	1	16800.00	UGC
7	Electrophoresis Apparatus	25-10-10	1	8900.00	Purchased by Institute
8	PH Meter	07-07-10	1	7000.00	Purchased by Institute
9	Colorimeter	25-10-10	1	6900.00	Purchased by Institute
10	Centifuge Machine	07-07-10	1	7000.00	Purchased by Institute
11	Student Projection Microscope	08-07-23	1	25500.00	Purchased by Institute

Sterio Microscope



Dissecting Microscope



Centrifuge Machine



Binocular Microscope



PH Meter



Pune District Education Association's Annasaheb Waghire College of Arts, Science & Commerce, Otur, Tal.- Junnar, Dist.- Pune. Department of Chemistry List of Instruments/Equipments

Sr.	Name of Instrument	Year of	Qty.	Amount	Funding System
No.		Purchasing	•	Rs.	
1	Abel's Apparatus	1999-00	1	6,050	UGC
2	Analytical Balance	1999-00	2	3,580	UGC
3	Barometer	2008-09	2	2,800	PG College
4	Centrifuge Machine	2000-01	3	2,970	UGC
5	Colourimeter	2008-09	1	8,500	PG College
		2010-11	2	22,000	PG College
		2017-18	2	18,800	PG College
6	Colourimeter Analog	1999-00	2	19,900	UGC
7	Digital Colorimeter With Filter	2022-23	2	21,646	PG College
8	Conductivity Meter	1999-00	2	21,858	UGC
9	Digital Conductometer	2012-13	2	15,600	PG College
10	Digital Conductivity TDS Meter With	2022-23	2	40,800	PG College
	Electrode				
11	Craft Portable Water Soil Kit	1999-00	1	19,650	UGC
12	D. M. Water Plant	2010-11	1	22,000	PG College
13	Digital Balance	1999-00	2	27,300	UGC
14	Digital Balance (Analytical)	2001-02	1	42,750	UGC
15	Digital Photo Flurometer	2022-23	1	53,299	PG College
16	Digital Spectrophotometer	1988-89	1	17,747	UGC
17	Digital Turbidity Meter	2022-23	1	19,635	PG College
18	Dimmer Stat	2017-18	1	3,420	UG College
19	Distillation Plant	2012-13	2	58,000	PG College
		1999-00	2	7,800	UGC
20	Electric Balance	2008-09	3	13,500	PG College
		2010-11	2	24,000	UG College
		2012-13	3	85,500	PG College
		2014-15	2	15,000	PG College
		2014-15	2	32,460	PG College
		2017-18	3	37,206	UG College
21	Flame Photometer	1999-00	1	31,950	UGC
22	Digital Flame Photometer With NA-K Filter	2022-23	1	40,589	PG College
23	Gerber App.	2008-09	1	8,900	PG College
24	Hair Drier	2017-18	3	4,462	UG College
25	Heating Mantle with ER	2012-13	2	2,320	MRP
26	Ice Cube Machine	2015-16	2	87,000	QIP BCUD
27	IR Lamp	1999-00	3	2,370	UGC
		2014-15	2	2,200	PG College
28	Karl Fisher Titrator	1999-00	1	6,995	UGC
29	Magnetic Stirrer	1999-00	5	13,950	UGC
		2012-13	4	15,880	MRP
30	Magnetic Stirrer (with Hot Plate)	2017-18	2	8,820	PG College
31	Melting Point App.	2008-09	4	46,000	PG College
32	Micro Wave Oven	2012-13	1	8,900	MRP
33	Muffle Furnace	2012-13	1	15,780	MRP

34	Nephilometer	1999-00	1	10,990	UGC
35	Oven	2008-09	1	9,000	PG College
		2012-13	1	9,700	PG College
36	PH Meter	1999-00	3	22,770	UGC
		2017-18	2	19,800	PG College
37	PH Meter with Electrode	2012-13	2	16,460	PG College
38	Digital pH Meter with Electrode	2022-23	4	40,800	PG College
39	Polarimeter	1999-00	2	28,600	UGC
40	Potentiometer	1999-00	2	7,186	UGC
41	Digital Potentiometer	2012-13	2	12,000	PG College
		2022-23	2	22,100	PG College
42	Projector with Screen	2014-15	1	40,700	QIP BCUD
43	Refractometer	1999-00	4	56,200	UGC
		2008-09	2	16,400	PG College
		2012-13	2	22,400	PG College
44	Refrigerator	2018-19	2	28,000	College
45	Rotavaporator	2008-09	1	45,000	PG College
46	Single Pan Balance	2010-11	1	32,000	UG College
47	Sonicator	2015-16	1	9,800	QIP BCUD
48	Spectro Photometer	1999-00	1	34,155	UGC
49	Tablet Dissolution Rate Test Apparatus	2022-23	1	69,750	UG College
50	Thermostat Meter (Digital)	2015-16	2	13,600	QIP BCUD
51	TLC equipment Kit	1999-00	2	17,980	UGC
52	UV inspection Cabinet	2012-13	1	7,890	MRP
53	Vaccum Pump	2007-08	1	15,500	PG College
	-	2012-13	3	121,500	PG College
		2012-13	1	7,800	MRP
54	UV-VIS Spectrophotometer	2016-18	1	677,756.	DST FIST
55	FT-IR Spectrophotometer	2016-18	1	1,021,574	DST FIST
56	Gas Chromatograph	2016-18	1	725,000	DST FIST
57	HPLC	2016-18	1	725,000	DST FIST

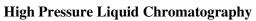
Instrument Photos

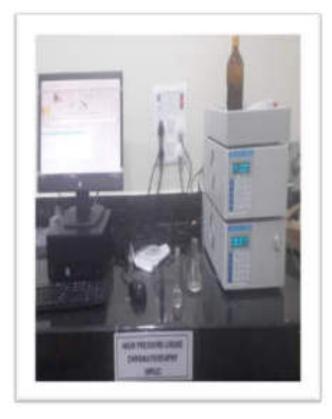
FTIR Spectrophotometer



UV- Vis/ DRS Spectrophotometer







Gas Chromatography



Arbitrary Wave Function Generator



Hall Probe Apparatus



Department of Geography List of Instruments/Equipments

Sr. No.	Name of Instrument	Year of	Qty.	Cost	Funding System
		purchasing			
1	Garmin GPS	2014- 15	1	33480	UGC XII Plan
2	Dumpy Level	2014- 15	2	17800	UGC XII Plan
3	Aluminum Staff	2014- 15	2	3600	UGC XII Plan

Instrument Photos:

Global Position System



Dumpy Level







Poona District Education Association's

ANNASAHEB WAGHIRE COLLEGE OF ARTS, SCIENCE AND COMMERCE, OTUR, TAL, JUNNAR DIST. -PUNE Extracts from Dead-stock Register as displayed on 31/03/2022

Computers issues to the departments

Department /Section	HP Model No. D220	HP Model No. D290	HP Model No. dx 2700	HP Model No. dx 2480	HP Model No. ML110	DELL Model No. OptiPle x 360	DELL Model No. OptiPle x 390	DELL Model No. OptiPle x 3010	HP Model No. 202	HP Model No. 280 G1	HP Model No. 280 G2	HP Model No. 280 G2	DELL Model No. OptiPle x	DELL Model No. Vostro 3681	Total
	2004	2008	2008	2008	2008	2010	2012	2013	2015	2017	2018	2019	2020	2021	
Office						4		1		1			1	1	8
Library			1			1		8		2				1	13
Sport							1							1	2
Exam						3		2		1				3	9
I.T.	7	2	7	2	2	1	3	1		14	4				43
Physics			1					1	8					1	11
Chemistry			2					1		2	4			1	10
Botany			1							1				1	3
Zoology			1					1						1	3
Geography							2	1						1	4
English			5				2	2						1	10
Commerce										5				1	6
Economics								2						1	3
Marathi											1			1	2
Hindi														1	1
Psychology														1	1
Politics											1				1
Maths											1				1
IQAC									1		1				2
N.C.C.								1							1
N.S.S.											1				1
Marathi											1	1			2
B. Voc.									2						2
Virtual Lab														23	23
_	7	2	18	2	2	9	8	21	11	26	14	1	1	40	162





ICT tools available and used

LCD Projectors Available at various departments



At Conference Room attached to Principals Cabin



Geography Department



At seminar hall can be used by any faculty



Department of English



participal

Face Description

Face Description

Face Description

Country



Marathi Department



Economics Department



Hindi Department



Department of Psychology and Political Science







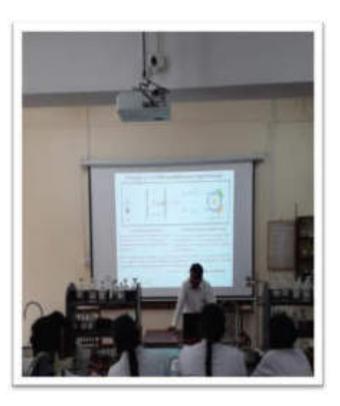
Physics Department



Botany Department



Portable LCD setup at Chemistry Department



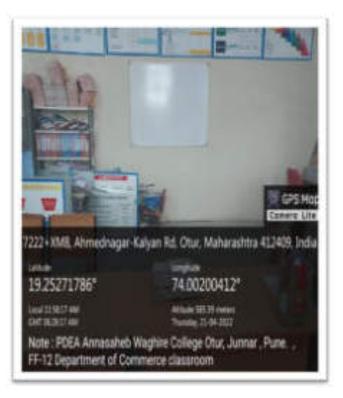
Fixed LCD setup at Chemistry Department







Zoology Department



Commerce Department



At the Classroom



At the Classroom



payling paylin



At Information Technology Lab

Use of LCD Projector for Power Point Presentations by staff members of the departments



Seminar Hall LCD used for various Activities



Use of LCD Projector at Seminar Hall for Guest Lecture







Dr. K. D. Sonawane delivering the lecture to students at English Department



Dr. A. K. Londhe delivering the lecture to students at English Department



Dr. D. M. Tilekar delivering the lecture to students at Hindi Department



Mr. J. A. Nadekar delivering the lecture to students at Hindi Department







Dr. N. P. kale delivering the lecture to students at Geography Department



Dr. R. N. Kaspate delivering the lecture to students at Geography Department



Dr. S. F. Dhakane delivering the lecture to students at Physics Department



Dr. H. M. Borate delivering the lecture to students at Physics Department







Dr. A. N. Kawade delivering the lecture to students at Physics Department



Dr. V. D. Jadhav delivering the lecture to students at Zoology Department



Dr. V. M. Shinde delivering introductory lecture to students at Chemistry Department



Dr. Y. D. Kaldante delivering the lecture to students at Chemistry Department







Dr. M. H. Moulavi delivering the lecture to students at Chemistry Department



Dr. R. N. Shirsat delivering the lecture with portable LCD setup at Chemistry Department



Dr. S. R. Rahangadale delivering the lecture to students at Botany Department



Dr. B. M. Shinde delivering the lecture to students at Botany Department





For the creation of new ICT based Audio-visual teaching learning materials the college has been developed the properly equipped studio under RUSA















