

SNJB's KKHA Arts, SMGL Commerce & SPHJ Science College, Chandwad.

1.2 Academic Flexibility (30)

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years (10)

Sr. Number	Name of the new course introduced in the last 5 years	Program name	Program code	Course code	Year of introduction	Link of the relevant document
[1] M.Sc. Mathematics Semester -I						
1	MT-501 Real Analysis	M.Sc. Mathematics	MSc MT-01	10101	2014-15	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/sci/1_M.A.-%20%20M.Sc.%20%20Mathematics.pdf
2	MT-502 Advanced Calculus			10102		
3	MT-503 Group Theory			10103		
4	MT-504 Numerical Analysis			10104		
5	MT-505 Ordinary Differential Equations			10105		
M.Sc. Mathematics Semester -II						
6	MT-601 Complex Analysis	M.Sc. Mathematics	MSc MT-01	10201	2014-15	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/1%20%20M.A.-%20%20Mathematics.pdf
7	MT-602 Topology			10202		
8	MT-603 Rings and Modules			10203		
9	MT-604 Linear Algebra			10204		
10	MT-605 Partial Differential Equations			10205		
M.Sc. Mathematics Semester -III						
11	MT-701 Combinatorics	M.Sc. Mathematics	MSc MT-01	10301	2015-16	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/1%20%20M.A.-%20%20Mathematics.pdf
12	MT-702 Field Theory			10302		
13	MT-703 Functional Analysis			10303		
14	MT-704 Graph Theory			10304		
15	MT-705 Topics in Analysis			10307		
16	Skill Development-I			10394		http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/sybsc/MA
M.Sc. Mathematics Semester -IV						
17	MT-801 Number Theory	M.Sc. Mathematics	MSc MT-01	10401	2015-16	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/1%20%20M.A.-%20%20Mathematics.pdf
18	MT-802 Differential Geometry			10402		
19	MT-803 Fourier Analysis and Boundary Value problems			10403		
20	MT-804 Lattice Theory			10404		
21	MT-805 Topics in Analysis			10407		
22	Skill Development-II			10494		http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/sybsc/MATHEMATICS_15_9_14.pdf
[2] M.Sc. Physics Semester -I						
23	PHYUT-501 Classical Mechanics (4 Credits)	M.Sc. Physics	MSc PHY-02	20111	2016-17	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/4%20%20M.Sc.%20%20&%20I%20%20PHYSICS_15_9_14.pdf
24	PHYUT-502 Electronics (4 Credits)			20112		
25	PHYUT-503 Mathematical Methods in Physics (4Credits)			20113		
26	PHYUT-504 Atoms and Molecules (4 Credits)			20114		
27	PHYUT-505 Experimental Techniques in Physics I(4 Credits)			20115		
28	PHYUP-506 Physics Lab I (5 Credits)			20116		
M.Sc. Physics Semester -II						
29	PHYUT-601 Electrodynamics (4 Credits)	M.Sc. Physics	MSc PHY-02	20211	2016-17	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/4%20%20M.Sc.%20%20&%20I%20%20PHYSICS_15_9_14.pdf
30	PHYUT-602 Solid State Physics (4 Credits)			20212		
31	PHYUT-603 Quantum Mechanics I (4 Credits)			20213		
32	PHYUT-604 Lasers (4Credits)			20214		
33	PHYUT-605 Experimental Techniques in Physics-II (4Credits)			20215		
34	PHYUP-606 Physics Lab.-II (5 Credits)			20216		
M.Sc. Physics Semester -III						
35	PHYUT-701 Statistical Mechanics in Physics (4 Credits)	M.Sc. Physics	MSc PHY-02	20321	2017-18	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/sybsc/Renewable%20Energy_15-9-14.pdf
36	PHYUT-702 Quantum Mechanics (4 Credits)			20323		
37	PHYDT-703 Departmental Course I (4 Credits)			20329		
38	PHYDT-704 Departmental Course II (4 Credits)			20331		
39	PHYDP-705 Special Lab I (4 Credits)			20324		
40	PHYUP-706 Physics Lab III (5 Credits)			20325		
41	Skill Development-I Energy Studies-I			20394		
M.Sc. Physics Semester -IV						
42	PHYUT-801 Nuclear Physics (4 Credits)	M.Sc. Physics	MSc PHY-02	20421	2017-18	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/4%20%20M.Sc.%20%20&%20I%20%20PHYSICS_15_9_14.pdf
43	PHYUT-802 Material Science (4 Credits)			20422		
44	PHYDT-803 Departmental Course III (4 Credits)			20430		
45	PHYDT-804 Departmental Course IV (4 Credits)			20428		
46	PHYDP-805 Special Lab II (4 Credits)			20423		
47	PHYUP-806 Physics Lab IV: Project (5 Credits)			20424		
48	Skill Development-II Energy Studies-II			20394		http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/sybsc/Renewable%20Energy_15-9-14.pdf



[3] M.Sc. Botany Semester I							
49	BO-1.1 Cryptogamic Botany I- Bryophytes and Pteridophytes	M.Sc. Botany	MSc BO-04	40101	2016-17	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/sci/6_M.Sc.%201%20%20Botany.pdf	
50	BO-1.2 Biochemistry and Plant Physiology			40102			
51	BO-1.3 Genetics and Plant Breeding			40103			
52	BO-1.4 Botanical Techniques			40104			
53	BO-1.5 Practical based on Theory courses (BO-1.1 & BO-1.4)			40105			
54	BO-1.6 Practical based on Theory courses (BO-1.2 & BO-1.3)			40106			
M.Sc. Botany Semester II							
55	BO-2.1 Cryptogamic Botany II- Algae and Fungi	M.Sc. Botany	MSc BO-04	40201	2016-17		http://www.unipune.ac.in/Syllabi_PDF/revised_2013/sci/6_M.Sc.%201%20%20Botany.pdf
56	BO-2.2 Cell Biology and Evolution			40202			
57	BO-2.3 Molecular Biology and Genetic Engineering			40203			
58	BO-2.4 Plant Ecology and Phytogeography			40204			
59	BO-2.5 Practical Based on Theory courses (BO 2.1 & BO 2.2)			40205			
60	BO-2.6 Practical Based on Theory courses (BO-2.3 & BO-2.4)			40206			
M.Sc. Botany Semester III							
61	BO-3.1 Spermatophytic Botany	M.Sc. Botany	MSc BO-04	40301	2017-18		
62	BO-3.2 Developmental & Economic Botany			40302			
63	BO-3.3 Industrial Botany-I			40303			
64	BO-3.4 Special Botany Paper (From BO-3.41 to BO-3.50)			40311			
65	BO-3.5 Practical Based on Theory courses (BO 3.1,BO3.2 & BO 3.3)			40314			
66	BO-3.6 Practical Based on Special Paper From BO-3.41 to BO-3.50			40315			
67	Skill Development -I			40394			
http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/sybsc/Botany_15-9-14.pdf							
M.Sc. Botany Semester IV							
68	BO-4.1 Computational Botany	M.Sc. Botany	MSc BO-04	40401	2017-18	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/MSc2-Botany-College-AY-2014-15.pdf	
69	BO-4.2 Plant Organism Interaction			40402			
70	BO-4.3 Industrial Botany-II			40403			
71	BO-4.4 Plant Pathology			40404			
72	BO-4.5 Practical based on Theory courses BO-4.1, BO-4.2, BO-4.3 & BO 4.4.			40405			
73	BO-4.6 Research Methodology & Summer Training			40406			
74	Skill Development -II			40494			
http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/sybsc/Botany_15-9-14.pdf							
[4] M.Sc. Chemistry Semester I							
75	CHP-110 Fundamentals of Physical Chemistry-I (Credits 4)	M.Sc. Chemistry	M.Sc. CHP-04	20101	2014-15		http://www.unipune.ac.in/Syllabi_PDF/revised_2013/sci/5_M.Sc.%201%20Chemistry.pdf
76	CHI-130 Molecular Symmetry and Chemistry (Credits 4)			20102			
77	CHO-150 Basic Organic Chemistry (Credits 4)			20103			
78	CHA-190 Safety in Chemical Laboratory and Good Laboratory Practices (Credits 4)			20104			
79	CHP-107 Practical Course (Physical Chemistry) 24 Practicals (Credits 4)			20105			
80	CHI-147 Practical Course (Physical Chemistry) 24 Practicals (Credits 4)			20106			
M.Sc. Chemistry Semester II							
81	CHP-210 Fundamentals of Physical Chemistry II (Credits 4)	M.Sc. Chemistry	M.Sc. CHP-04	20201	2014-15	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/sci/5_M.Sc.%201%20Chemistry.pdf	
82	CHI-230 Coordination and Bioinorganic Chemistry (Credits 4)			20202			
83	CHO-250 Synthetic Organic Chemistry and Spectroscopy (Credits 4)			20203			
84	CHA-290 General Chemistry (Credits 4)			20204			
85	CHO-247 Practical Courses (Organic Chemistry) (Credits 4)			20205			



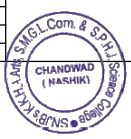
[05] M.Sc.-II (Analytical Chemistry) Semester -III										
86	CHA-390 (Section I & II) Electro analytical and Radio analytical methods of analysis	M.Sc.Chemistry	M.Sc CHA-04	20301	2017-18	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/6%20%20M.%20Sc.%20I%20%20Analytical%20Chemistry.pdf				
87	CHA-391 (Section I & II) Pharmaceutical Analysis			20302						
88	CHA-392 (Section I & II) Advanced Analytical Techniques			20303						
89	CHA-380 Two Section out of Three I) Analytical Method Development & Validation			20304						
	II) Geochemical and Alloy Analysis			20305						
	III) Laboratory Automation & Sensor Based Techniques			20306						
		20307								
90	Skill Development -I		20308		http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/sybsc/Chromatographic%20Techniques_15-9-14.pdf					
M.Sc.-II (Analytical Chemistry) Semester -IV										
91	CHA-481 Analytical Toxicology and Food Analysis (Section I & II)	M.Sc.Chemistry	M.Sc CHA-04	20401	2017-18		http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/6%20%20M.%20Sc.%20I%20%20Analytical%20Chemistry.pdf			
92	CHA-490 Analytical Spectroscopy (Section I & II)			20402						
93	CHA-491 Analytical Methods for Analysis of Fertilizers, Detergents, Water & Polymer, Paint and Pigment (Section I & II)			20403						
94	CHA-492 Method of Analysis and Applications I) Pollution Monitoring and Control			20404						
	II) Analysis of Body Fluid			20405						
	III) Carbon Nanostructures and Applications of Nanotechnology			20406						
				20407						
95	Analytical chemistry Practical Course -I							CHA-387		
96	Analytical Chemistry Practical Course-II							CHA-487		
97	Analytical Chemistry Practical Course-III							CHA-488		
98	Skill Development -II			20408	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/sybsc/Chromato					
M.Sc.-II (Organic Chemistry) Semester -III										
99	CHO-350 Organic Reaction Mechanism	M.Sc.Chemistry	M.Sc CHO-04	20501	2015-16	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/MSc_II_Organic_Chem_II_Revised_2-7-14.pdf				
100	CHO-351 Spectroscopic Methods in Structure Determination			20502						
101	CHO-352 Organic Stereochemistry			20503						
102	CHO-353 Pericyclic Reactions, Photochemistry and Heterocyclic Chemistry			20506						
M.Sc.-II (Organic Chemistry) Semester -IV										
103	CHO-450 Natural Products	M.Sc.Chemistry	M.Sc CHO-04	20601	2015-16		http://www.unipune.ac.in/Syllabi_PDF/revised_2014/science/colleges/MSc_II_Organic_Chem_II_Revised_2-7-14.pdf			
104	CHO-451 Advanced Synthetic Organic Chemistry			20602						
105	CHO-452 Carbohydrates and Chiron Approach/Chiral Drugs and Medicinal Chemistry			20603						
106	CHO-453 Designing Organic Synthesis and Asymmetric Synthesis			20604						
107	Practical -Single Stage Preparations			CHO-347						
108	Practical -Two Stage Preparations			CHO-447						
109	Project/Industrial training/ Green Chemistry and Chemical Biology Experiments			CHO-448						
[6] M.A. English Semester- I										
110	ENG-1.1 English Literature from 1550 to 1798			M.A. English		M.A.ENG-5		50101	2016-17	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/arts/M.A.English-Part-I-2013-14.pdf
111	ENG-1.2 English Literature from 1798 to 2000							50102		
112	ENG-1.3 Contemporary Studies in English Language	50103								
113	ENG-1.4 Literary Criticism and Theory	50104								
M.A. English Semester- II										
114	ENG-2.1 English Literature from 1550 to 1798	M.A. English	M.A.ENG-5	50201	2016-17	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/arts/M.A.English-Part-I-2013-14.pdf				
115	ENG-2.2 English Literature from 1798 to 2000			50202						
116	ENG-2.3 Contemporary Studies in English Language			50203						
117	ENG-2.4 Literary Criticism and Theory			50204						
M.A. English Semester- III										
118	ENG-3.1 Indian Writing in English	M.A. English	M.A.ENG-5	50301	2017-18		http://www.unipune.ac.in/Syllabi_PDF/revised_2014/arts/MA-II-English-syllabus-credit-system-2014-10-6-15.pdf			
119	ENG-3.2 English Language and Literature Teaching			50302						
120	ENG-3.4 Drama in English			50303						
121	ENG-3.4 Research Methodology			50304						
M.A. English Semester- IV										
122	ENG-4.1 Indian Writing in English	M.A. English	M.A.ENG-5	50401	2017-18	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/arts/Arts_Fine_Arts_sylla				
123	ENG-4.2 English Language and Literature Teaching			50402						
124	ENG-4.4 Drama in English			50403						
125	ENG-4.4 Research Methodology			50404						
126	Skill Component I			50305						
127	Skill Component II			50405						
[07] M.A. History Semester- I										
128	HIS-1.1 History and its Theory	M.A. History	M.A.HIS-6	60101	2016-17		http://www.unipune.ac.in/Syllabi_PDF/revised_2013/mms/MA_History_SYLLA			
129	HIS-1.2 Evaluation of ideas and Institutions in Ancient India			60102						
130	HIS-1. Maratha Polity			60103						
131	HIS-1.4 Cultural History of Maharashtra			60104						
M.A. History Semester- II										
132	HIS-2.1 History and its Practice	M.A. History	M.A.HIS-6	60201	2016-17	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/mms/MA_History_SYLLA				
133	HIS-2.2 Evolution of Ideas and Institutions in Medieval India			60202						
134	HIS-2.3 Socio-economic History of the Maharashtra			60203						
135	HIS-2.4 Nature of Dalit Movement in Maharashtra			60204						



M.A. History Semester- III						
136	HIS-3.1 The ancient and medieval civilization of the world	M.A. History	M.A.HIS-6	60301	2017-18	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/mms/MA.%20History%20Syllabus%20Part%20II.pdf
137	HIS-3.2 Debates in Indian History			60302		
138	HIS-3.3 Economic History of Modern India			60303		
139	HIS-3.4 Maharashtra in 19 th Century			60304		
M.A. History Semester- IV						
140	HIS-4.1 History of Modern India (1857-1971)	M.A. History	M.A.HIS-6	60401	2017-18	
141	HIS-4.2 Intellectual History of Modern west			60402		
142	HIS-4.3 World after World War II (1945-2000)			60403		
143	HIS-4.4 Maharashtra in 20 th Century			60404		
[08] M.A.Politics Semester- I						
144	POL-1.1 Political theory	M.A.Politics	M.A. POL-07	12491	2016-17	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/mms/MA_Political_Science_Syllabus_22-7-13.pdf
145	POL-1.2 Public administration			12492		
146	POL-1.3 Political institutions in India			12493		
147	POL-1.4 Modern political ideologies			12494		
M.A.Politics Semester- II						
148	POL-2.1 Public policy	M.A.Politics	M.A. POL-07	22491	2016-17	
149	POL-2.2 Issues in world politics			22492		
150	POL-2.3 Comparative politics			22493		
151	POL-2.4 Political processes in Maharashtra			22494		
M.A.Politics Semester- III						
152	POL-3.1 Political thinking in modern india	M.A.Politics	M.A. POL-07	32491	2017-18	http://unipune.ac.in/Syllabi_PDF/revised_2014/mms/MA.%20Political%20Science%20Semester%20&%20Credit%20System.pdf
153	POL-3.2 political sociology			32492		
154	POL-3.3 theory of international relations			32493		
155	POL-3.4 Indian administration			32494		
M.A.Politics Semester- IV						
156	POL-4.1 Traditions of political thought	M.A.Politics	M.A. POL-07	42491	2017-18	
157	POL-4.2 Political processes in india			42492		
158	POL-4.3 Political participation			42493		
159	POL-4.4 Party system in India			42494		
[09] M.Com (Semester II)						
Group A (Advanced Accounting & Taxation)						
160	Advanced Accounting			103	2016-17	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/com/MCom-SemesterI-28-4-15.pdf
161	Income Tax			104		
Group C (Advanced Cost Accounting & Cost system)						
162	Advanced Cost Accounting and Cost System Special Paper I (Advanced Cost Accounting)	M.COM	M.COM-8	107	2016-17	
163	Advanced Cost Accounting and Cost System Special Paper II (Costing Techniques and Responsibility Accounting)			108		
164	Advanced Accounting and Taxation Special Paper III (Specialized Areas in Accounting)			203	2016-17	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/com/MCom-SemesterI-28-4-15.pdf
165	Advanced Accounting and Taxation Special Paper IV (Business Tax Assessment and Planning)			204		
166	Advanced Cost Accounting and Cost System Special Paper III (Application of Cost Accounting)			207	2016-17	
167	Advanced Cost Accounting and Cost System Special Paper IV (Cost Control and Cost System)			208		
168	Advanced Accounting and Taxation Special Paper V (Advanced Auditing)			303	2017-18	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/com/MCom-SemesterI-28-4-15.pdf
169	Advanced Accounting and Taxation Special Paper VI (Specialized Areas in Auditing)			304		
170	Advanced Cost Accounting and Cost System Special Paper V (Cost Audit)			307	2017-18	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/com/MCom-SemesterI-28-4-15.pdf
171	Advanced Cost Accounting and Cost System Special Paper VI (Management Audit)			308		
172	Accounting and Taxation Special Paper VII (Recent Advances in Accounting Taxation and Auditing)			403	2017-18	http://www.unipune.ac.in/Syllabi_PDF/revised_2013/com/MCom-SemesterI-28-4-15.pdf
173	Project Work/ Case Studies(Advanced Accounting & Taxation)			404		
174	Advanced Cost Accounting and Cost System Special Paper VII (Recent Advances in Cost Auditing and Cost System)			407	2017-18	http://www.unipune.ac.in/Syllabi_PDF/revised_2014/arts/Arts_Fine_Arts_syllabus_skill_Development_12-7-14.pdf
175	Advanced Cost Accounting and Cost System Special Paper VIII (Project Work / Case Studies)			408		
176	Skill Component -I			409	2017-18	
177	Skill Component II			410		



[10]T.Y.B.Sc. Physics – Sem. III								
178	PHY – 331 Mathematical Methods in Physics II	B.Sc. Physics	B.Sc. PHY- 10	20331	2014-15	http://unipune.ac.in/Syllabi_PDF/revise-d-2015/science/TY-BSc-Physics.pdf		
179	PHY – 332 Solid State Physics			20332				
180	PHY – 333 Classical Mechanics			20333				
181	PHY – 334 Atomic and Molecular Physics			20334				
182	PHY – 335 Computational Physics			20335				
183	PHY – 336 Elective I (Select any One) A: Astronomy and Astrophysics B: Elements of Materials Science C: Motion Picture Physics D: Biophysics E: Renewable Energy Sources F: Applied Optics			20336				
T.Y.B.Sc. Physics – Sem. IV								
184	PHY – 341 Classical Electrodynamics	B.Sc. Physics	B.Sc. PHY- 10	20341			2014-15	http://unipune.ac.in/Syllabi_PDF/revise-d-2015/science/TY-BSc-Physics.pdf
185	PHY – 342 Quantum Mechanics			20342				
186	PHY – 343 Thermodynamics and Statistical Physics			20343				
187	PHY – 344 Nuclear Physics			20344				
188	PHY – 345 Electronics/Advanced Electronics			20345				
189	PHY – 346 Elective II (Select any one) G: Medical Electronics H: Physics of Nanomaterials I: Microcontrollers J: Electro Acoustics and Entertainment Electronics K: Lasers L: Radiation Physics			20346				
190	PHY – 347 Laboratory Course I			20347				
191	PHY – 348 Laboratory Course II			20348				
192	PHY – 349 Laboratory Course III (Project)			20349				
[11]T.Y.B.Sc. Electronics – Sem. III								
193	EL – 331 Advanced Digital System Design	B.Sc. Electronics	B.Sc. EL - 13	50331	2014-15	http://www.unipune.ac.in/Syllabi_PDF/revise-2015/science/TY-BSc-Electronic-Science.pdf		
194	EL – 332 Microcontrollers			50332				
195	EL – 333 Analog Circuit Design and Applications of Linear IC's			50333				
196	EL – 334 Principles of Semiconductors Devices			50334				
197	EL – 335 'C' Programming			50335				
198	EL-336 Optional Course A-Fiber Optic Communication B-Electronic Product Design and			50336				
T.Y.B.Sc. Electronics – Sem. IV								
199	EL-341 Advanced Communication Systems	B.Sc. Electronics	B.Sc. EL - 13	50341			2014-15	http://www.unipune.ac.in/Syllabi_PDF/revise-2015/science/TY-BSc-Electronic-Science.pdf
200	EL-342 Microcontroller and its Applications			50342				
201	EL-343 Power Electronics			50343				
202	EL-344 Foundations of Nano electronics			50344				
203	EL-345 Mathematical Methods and Circuit Analysis using MATLAB			50345				
204	EL-346 Optional Course A-Industrial Automation B-Consumer Electronics			50346				
205	EL-347 Practical Course I			50347				
206	EL-348 Practical Course II			50348				
207	EL-349 Practical Course (Project)			50349				
F.Y.B.Sc. Zoology –Term I								
208	ZY- 101 Paper-I Animal Systematic & Diversity- I	B.Sc. Zoology	B.Sc. ZY -14	ZY-101	2014-15	http://www.unipune.ac.in/Syllabi_PDF/revise-2013/sci/13_F.Y.B.Sc.%20Zoology.pdf		
209	ZY – 102 Paper-2 Fundamentals of Cell Biology			ZY-102				
F.Y.B.Sc. Zoology –Term II								
210	ZY- 101 Paper - I Animal Systematic & Diversity- II	B.Sc. Zoology	B.Sc. ZY -14	ZY-101			2014-15	http://www.unipune.ac.in/Syllabi_PDF/revise-2013/sci/13_F.Y.B.Sc.%20Zoology.pdf
211	ZY – 102 Paper - II Genetics			ZY-102				
212	ZY-103 Practical			ZY-103				
S.Y.B.Sc. Zoology –Sem-I								
213	ZY- 211 Animal Systematic & Diversity- III	B.Sc. Zoology	B.Sc. ZY -14	ZY-211	2015-16	http://www.unipune.ac.in/Syllabi_PDF/revise-2014/science/sybsc/10%20%20S.Y.B.Sc.%20Zoology.pdf		
214	ZY- 212 Applied Zoology- I			ZY-212				
S.Y.B.Sc. Zoology –Sem-II								
215	ZY- 221 Animal Systematic & Diversity- IV	B.Sc. Zoology	B.Sc. ZY -14	ZY-221			2015-16	http://www.unipune.ac.in/Syllabi_PDF/revise-2014/science/sybsc/10%20%20S.Y.B.Sc.%20Zoology.pdf
216	ZY- 222 Applied Zoology- I			ZY-222				
217	Practical			ZY-223				
[12]T.Y.B.Sc. Zoology –Sem-III								
218	ZY – 331 Animal Systematic & Diversity - V	B.Sc. Zoology	B.Sc. ZY -14	60331	2016-17	http://www.unipune.ac.in/Syllabi_PDF/revise-2015/science/TYBSc-zoology-24-7-15.pdf		
219	ZY -332 Mammalian Histology			60332				
220	ZY -333 Biological Chemistry			60333				
221	ZY-334 Environmental Biology & Toxicology			60334				
222	ZY – 335 Parasitology			60334				
223	ZY -336 Cell Biology			60336				
T.Y.B.Sc. Zoology –Sem-IV								
224	ZY-341 Biological Techniques	B.Sc. Zoology	B.Sc. ZY -14	60341	2016-2017	http://www.unipune.ac.in/Syllabi_PDF/revise-2015/science/TYBSc-zoology-24-7-15.pdf		
225	ZY-342 Mammalian Physiology & Endocrinology			60342				
226	ZY -343 Genetics & Molecular Biology			60343				
227	ZY – 344 Organic Evaluation			60344				
228	ZY - 345 General Embryology			60345				
229	ZY – 346 Medical Entomology			60346				
230	ZY-347 Practical Paper I			60347				
231	ZY-348 Practical Paper II			60348				
232	ZY-349 Practical Paper III			60349				



[13]B.Com						
233	S.Y.B.Com Cost & Works Accounting	T.Y.B.Com	B.Com-03	206 – E.	2016-17	http://unipune.ac.in/Syllabi_PDF/revise_d_2014/com/SYBCOM-04-07-14.pdf
234	Special Subject – Paper II Cost & Works Accounting.			305 – e.	2017-18	http://unipune.ac.in/Syllabi_PDF/revise_d-2015/commerce/TYBCOM-7-1-15.pdf
235	Special Subject – Paper III Cost & Works Accounting.			306 – e.		
[14]Bachelor of Vocational Course in - (Green House Management)						
236	GHM-101 Soil Science	B.VOC.-GHM	B.VOC.-15	70101	2018-2019	https://acschandwadcollege.com/up-images/course_syllabus/ghm-syllabus.pdf
237	GHM-102 Soil Cultivation			70102		
238	GHM-103 Propagation Techniques-I			70103		
239	GHM-104 Propagation Techniques-II			70104		
240	GHM-P-101 Practicals based on theory of Skill Component					
241	GHM-105 Communication Skills-I			70105		
242	GHM-106 Basics of Plant Biology- I			70106		
243	GHM-107 Nursery Operations-I			70107		
244	GHM-P-102 Practicals based on theory of General Education component					
F.Y.B.Voc.GHM-Sem-II						
245	GHM-201 Green House Construction	B.VOC.-GHM	B.VOC.-15	70201	2018-2019	https://acschandwadcollege.com/up-images/course_syllabus/ghm-syllabus.pdf
246	GHM-202 Green House Management Basics-I			70202		
247	GHM-203 Green House Management Basics-II			70203		
248	GHM-204 Economics of Green House Setup			70204		
249	GHM-201-P-Practicals based on theory of Skill Component					
250	GHM-205 Communication Skills-II			70205		
251	GHM-206 Basics of Plant Biology- II			70206		
252	GHM-207 Nursery Operations-II			70207		
253	GHM-202-P-Practicals based on theory of General Education					
[15]Bachelor of Vocational Course in - (Analytical Techniques in Pharmaceutical Analysis) F.Y.B. Voc. AP-Sem.-I						
254	AP – 011 General English & Soft Skill	B.VOC.- AP	B.VOC.-16	80011	2018-2019	https://acschandwadcollege.com/up-images/course_syllabus/Byllabus5d11c956bb43c.%20voc%20Chemistry%20Syllabus%20Analytical%20Techniques%20in%20Pharmaceutical%20Analysis.pdf
255	AP – 012 Basic Chemical Mathematics			80012		
256	AP – 013 Environmental Chemical Analysis and Control			80013		
257	AP – 014 Electrochemistry			80014		
Skill Components						
258	AP – 015 Principles of Analytical Chemistry & Chemical Equilibrium	B.VOC.- AP	B.VOC.-16	80015	2018-2019	https://acschandwadcollege.com/up-images/course_syllabus/Byllabus5d11c956bb43c.%20voc%20Chemistry%20Syllabus%20Analytical%20Techniques%20in%20Pharmaceutical%20Analysis.pdf
259	AP – 016 Good Laboratory Practices & Safety in Chemical Laboratories			80016		
260	AP – 017 Laboratory Course – I			80017		
261	AP – 018 Laboratory Course – II			80018		
262	AP – 019 Laboratory Course – III			80019		
F.Y.B. Voc. AP-Sem.-II						
263	AP – 021 Numerical Methods & Computer Programming	B.VOC.- AP	B.VOC.-16	80020	2018-2019	https://acschandwadcollege.com/up-images/course_syllabus/Byllabus5d11c956bb43c.%20voc%20Chemistry%20Syllabus%20Analytical%20Techniques%20in%20Pharmaceutical%20Analysis.pdf
264	AP – 022 Basic Analytical Techniques			80021		
265	AP – 023 Basics in Polymer Chemistry			80022		
Skill Components						
266	AP – 024 Miscellaneous Method of Analysis	B.VOC.- AP	B.VOC.-16	80023	2018-2019	https://acschandwadcollege.com/up-images/course_syllabus/Byllabus5d11c956bb43c.%20voc%20Chemistry%20Syllabus%20Analytical%20Techniques%20in%20Pharmaceutical%20Analysis.pdf
267	AP – 025 Basic Organic Chemistry			80024		
268	AP – 026 Laboratory Course – I			80025		
269	AP – 027 Laboratory Course – II			80026		
270	AP – 028 Laboratory Course – III			80026		
[16]Bachelor of Vocational Course in - (Renewable Energy Management) F.Y.B. Voc. RET -Sem.-I						
271	RET – 1 – 1 Introduction to Renewable Energy Sources	B.VOC.- RET	B.VOC.-16	90001	2018-2019	https://acschandwadcollege.com/up-images/course_syllabus/Byllabus5d11c956bb43c.%20voc%20Chemistry%20Syllabus%20Analytical%20Techniques%20in%20Pharmaceutical%20Analysis.pdf
272	RET – 1 – 2 Basic Electronics			90002		
273	RET – 1 – 3 Basic Physics			90003		
Skill Component						
274	REP – 1 – 4 Practical – I (Life Skill and Software Tools)	B.VOC.- RET	B.VOC.-16	90004	2018-2019	https://acschandwadcollege.com/up-images/course_syllabus/Byllabus5d11c956bb43c.%20voc%20Chemistry%20Syllabus%20Analytical%20Techniques%20in%20Pharmaceutical%20Analysis.pdf
275	REP – 1 – 5 Practical II (Based on Theory)			90005		
General Education Component						
276	RET – 2 – 1 Sustainable Development and Energy	B.VOC.- RET	B.VOC.-16	90006	2018-2019	https://acschandwadcollege.com/up-images/course_syllabus/Byllabus5d11c956bb43c.%20voc%20Chemistry%20Syllabus%20Analytical%20Techniques%20in%20Pharmaceutical%20Analysis.pdf
277	RET – 2 – 2 Applications of Solar Energy			90007		
278	RET – 2 – 3 Bio-Energy			90008		
Skill Component						
289	REP – 2 – 4 Practical – III (Industrial Training & Field Work)	B.VOC.- RET	B.VOC.-16	90009	2018-2019	https://acschandwadcollege.com/up-images/course_syllabus/Byllabus5d11c956bb43c.%20voc%20Chemistry%20Syllabus%20Analytical%20Techniques%20in%20Pharmaceutical%20Analysis.pdf
280	REP – 2 – 5 Practical – IV (Based on Theory)			90010		



[17]Diploma in medical lab Technician									
281	Anatomy and Physiology	Diploma Course	Community College(CC)	DMLT-01	2015-16	https://acschandwadcollege.com/up-images/naac_document/Diploma%20in%20Lab%20Technician_pagenumberfile_name5d5baa4ea9f17.pdf			
282	Histopathology and Clinical Pathology			DMLT-02					
283	Biochemistry			DMLT-03					
284	Microbiology			DMLT-04					
285	Hematology and Blood Banking			DMLT-05					
286	Communication Skills and Personality Development			DMLT-06					
287	Histopathology and Clinical Pathology Practical			DMLT-07					
288	Biochemistry Practical			DMLT-08					
289	Microbiology Practical			DMLT-09					
290	Hematology and Blood Banking Practical			DMLT-10					
291	Vocational Education Training cum Internship/industry visit Practical -I			DMLT-11					
292	Vocational Education Training cum Internship/industry visit Practical -II			DMLT-12					
[18]B. A. Geography									
S.Y.B.A.									
293	Gg-220 Tourism Geography(S1)	B.A.Geography	T.Y.B.A -Geography	GG-220	2016-17	http://unipune.ac.in/Syllabi_PDF/revise-d-2015/science/TY-BA-Geography.pdf			
294	Gg-201 Fundamentals of Geographical Analysis(S2)			GG-201					
T.Y.B.A									
295	Gg-320 Agricultural Geography						GG-320	2017-18	
296	Gg-301 Techniques of Spatial Analysis			GG-301					
297	[19]Solar Photovoltaic and solar thermal energy	Certificate Course	PHYCC001	SPSTE01	2017-18	https://acschandwadcollege.com/up-images/course_syllabus/Certificate%20Course%20Physics%20Syllabus%202018-19Syllabus5d16f8cf1959a.pdf			
298	[20]A certificate course in Modi Script (Modi Lipi Prashikshan Varg)	Certificate Course	History	CCMS-001	2018-19	https://acschandwadcollege.com/up-images/naac_document/A%20Certificate%20Course%20in%20Modi%20Script%20(Mod%20Lipi%20Prashikshan%20Var%20) pagenumberfile_name5d5bab3bb6.pdf			
299	[21]Human Rights & Human Values	Certificate Course	POLCC-001	POL-HR-01	2017-18	https://acschandwadcollege.com/up-images/course_syllabus/PoliticsSyllabus5d3bfd70f34ad.pdf			
300	[22]Certificate Course on MATLAB Programming	Certificate Course	ELECC-001	CCMP-001	2017-18	https://acschandwadcollege.com/up-images/course_syllabus/matlab-syllabus.pdf			
301	[23]Certificate course in Landscaping and garden designing	Certificate Course	BOTCC	CT001	2017-18	https://acschandwadcollege.com/up-images/course_syllabus/botany-syllabus.pdf			
302	[24]Certificate course in Chemical and Pharmaceutical Analysis	Certificate Course	CHEM-001	CCCPA-001	2017-18	https://acschandwadcollege.com/up-images/course_syllabus/chemistry-syllabus.pdf			
303	[25]Mathematical Reasoning & Quantitative Aptitude	Certificate Course	MTCC-001	CCMRQA-001	2017-18	https://acschandwadcollege.com/up-images/course_syllabus/Mathematics%20Syllabus_certificate_coursesyllabus5d3bf72626e1e.pdf			
304	[26]Certificate course in Travel and Tourism	Certificate Course	GEO-001	TT001	2017-18	https://acschandwadcollege.com/up-images/course_syllabus/geography-syllabus.pdf			
305	[27]Basic Practical Aspects in Tally ERP9	Certificate Course	COM 001	CCBPATE-001	2017-18	https://acschandwadcollege.com/up-images/course_syllabus/Tally%2017-18%20SyllabusSyllabus5d3bfac8bb12f.pdf			
306	[28]Basic Practical Aspects in GST	Certificate Course	COM 001	CCBPAGST-001	2017-18	https://acschandwadcollege.com/up-images/course_syllabus/Commerce%20GSTSyllabus5d3bfe9ee76b.pdf			
307	[29]Personality Development & Language Skills	Certificate Course	MAR-001	APR-002	2017-18	https://acschandwadcollege.com/up-images/course_syllabus/MarathiPersonalityDevelopment&Language%20SkillsSyllabus5d3588d761e7e.pdf			
308	[30]Anchoring and Proof Reading	Certificate Course	MAR-001	APR-001	2018-19	https://acschandwadcollege.com/up-images/course_syllabus/MarathiAnchoring&ProofReadingsSyllabus5d3587fb115ae.pdf			
309	Cyber Security / Information Security-I	For all PG courses	For all PG courses	CYBER-01	2014-15	http://www.unipune.ac.in/Syllabi_PDF/revise_2013/sci/19_Introduction%20to%20Cyber%20Security%20%20OR%20Information%20Security%20Coll.%20&%20Dept.I.pdf			
310	Cyber Security / Information Security-II			CYBER-02					
311	Cyber Security / Information Security-III			CYBER-03					
312	Cyber Security / Information Security-IV			CYBER-04					
313	Introduction to Human Rights and Duties	For all PG courses	For all PG courses	HR-01	2014-15	https://unipune.ac.in/university_files/HRE-Syllabus-new.pdf			
314	Human rights of vulnerable and disadvantaged groups	For all PG courses	For all PG courses	HR-02					
315	[31]Beauty Parlour	Value added courses	VAC	BEP:004	2015-16	https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1.3.2_1566366627_3495.pdf			



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