

St. Ann's College for Women

(Autonomous), Affiliated to Osmania University
Accredited by NAAC with A⁺ Grade (3rd cycle), CPE by UGC

Mehdipatnam, Hyderabad.



CRITERION – I **Curricular Aspects**

1.2.1 Details of New/Revised Courses



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"College with Potential for Excellence" by UGC
Mehdipatnam, Hyderabad-500028, Telangana

List of courses new/with Revised syllabi >20% during the year 2022-23

S No	Name of the Course	Course Code	New /Revised More than 20%
1	Applied Biochemistry and Computational Biochemistry	DSEC1	✓
2	Recombinant DNA Technology	DSEC2	✓
3	Physiology Nutrition and Clinical Biochemistry	BCH505A	✓
4	Physiology, Nutrition and Clinical Biochemistry	BCH515A	✓
5	Cell Biology, Genetics & Microbiology	BCH505B	✓
6	Cell Biology .Genetics &Microbiology	BCH515B	✓
7	Molecular Biology and Immunology	BCH606A	✓
8	Molecular Biology and Immunology-PR	BCH616A	✓
9	Differential Equations	MAT111	✓
10	Basic Electronics	PHY618	✓
11	Descriptive Statistics & Probability	STA111	✓
12	Operations Research	STA608	✓
13	English Drama	LIT303	✓
14	Modern Language -V	LIT505	✓
15	Qualitative Analysis of Biomolecules	BCH111	✓
16	Quantitative Analysis of Biomolecules	BCH212	✓
17	Enzymology	BCH313	✓
18	Biochemical Preparations and Separations	BCH414	✓
19	r-DNA Technology and Biotechnology	BCH606B	✓
20	r-DNA Technology and Biotechnology	BCH616B	✓
21	Omics & Bioinformatics	Core elective	✓
22	Basics of Experimental Biochemistry	Certificate Course	✓
23	Clinical Microbiology & Molecular Diagnostics	Certificate Course	✓
24	Gymnosperms, Taxonomy of Angiosperms & Ecology	BOT202	✓
25	Gymnosperms, Taxonomy of Angiosperms & Ecology Pr	BOT212	✓
26	Plant Anatomy and Embryology	BOT303	✓
27	Plant Anatomy and Embryology Prr	BOT313	✓

28	Cell Biology, Genetics & Physiology	BOT404	✓
29	Cell Biology, Genetics & Physiology Pr	BOT414	✓
30	Biodiversity and Conservation	BOT505	✓
31	Biodiversity and Conservation-PR	BOT515	✓
32	Industrial Microbiology	GE - IDC 501	✓
33	Tissue Culture & Biotechnology	BOT606	✓
34	Tissue Culture & Biotechnology Pr	BOT616	✓
35	Project	BOT607	✓
36	Food,Dairy & Environmental Microbiology	MIC303	✓
37	Food,Dairy & Environmental Microbiology-Pr	MIC313	✓
38	Immunology & Medical Microbiology	MIC404	✓
39	Immunology & Medical Microbiology-PR	MIC414	✓
40	Animal Diversity-Verebrates	ZOO202	✓
41	Animal Diversity-Verebrates Pr	ZOO212	✓
42	Animal Physiology And Animal Behaviour	ZOO303	✓
43	Animal Physiology And Animal Behaviour Pr	ZOO313	✓
44	Cell and Molecular Biology, Genetics & Developmental Biology	ZOO404	✓
45	Cell and Molecular Biology, Genetics & Developmental Biology Pr	ZOO414	✓
46	Immunology and Animal Biotechnology	ZOO505	✓
47	Immunology and Animal Biotechnology Pr	ZOO515	✓
48	Entomology	ZOO506	✓
49	Entomology Pr	ZOO516	✓
50	Ecology, Zoogeography & Evolution	ZOO607	✓
51	Ecology, Zoogeography & Evolution Pr	ZOO617	✓
52	Aquatic Biology	ZOO608	✓
53	Aquatic Biology Pr	ZOO618	✓
54	Arabic-I	ARA101	✓
55	International Economics	ECO606	✓
56	Early History of India	HIS101	✓
57	Early Medieval Indian History-1206-1707	HIS202	✓
58	History of India (1526-1767)	HIS303	✓
59	History of India (1858- 1964 CE)	HIS404	✓
60	World History (1453-1815 CE)	HIS505	✓
61	Rural Local Governance	PUB506	✓
62	Financial and Material Resource Management	PUB607	✓
63	Public Relations	JOU 606A	✓
64	Introduction to Digital Journalism	JOU 606B	✓
65	Specialized reporting	JOU 606C	✓
66	Managerial Economics	MCOM101	✓
67	Principles of Marketing	MCOM102	✓
68	Organizational Theory and Organizational Behavior	MCOM103	✓
69	Financial Management	MCOM104	✓

70	Indian Accounting Standards	MCOM105	✓
71	Communication/ Professional Skills	ISEC1	✓
72	Leadership & Management skills/	ISEC2	✓
73	Human Values	ISEC3	✓
74	Legislative Practices & Procedures	DSE1	✓
75	Historical & Cultural Tourism	DSE2	✓
76	Agricultural Economics	DSE3	✓
77	Applications of Psychology in Professional Settings	DSE4	✓
78	Public Office Administration	DSE5	✓
79	Visual Communication	DSE6	✓
80	Media Management	DSE7	✓
81	Laws, Duties & Rights of Citizens	DSE8	✓
82	Archives & Museums	DSE9	✓
83	Rural Development	DSE10	✓
84	Life Skills	DSE11	✓
85	Cyber Crime Administration	DSE12	✓
86	Literature & ELT -Infographics	DSE13	✓
87	Health & Science Communication	DSE14	✓
88	Business Exposure and Women	DSE15	✓
89	Entrepreneurship/Basic Quality Management	DSE16	✓
90	Digital Marketing For Business/Basic Financial Intelligence	DSE17	✓
91	Principles of Insurance	DSE18	✓
92	Practice of Life & General Insurance	DSE19	✓
93	Nursery & Gardening	DSE20	✓
94	Public Health & Hygiene	DSE21	✓
95	Safety rules in Chemistry Laboratory & Lab Regents	DSE22	✓
96	Immunological Techniques	DSE23	✓
97	Applied & Computational Biochemistry	DSE24	✓
98	Medical Coding	DSE25	✓
99	Food Preservation	DSE26	✓
100	Clinical Cytogenetics	DSE27	✓
101	Mushroom Culture Technology	DSE28	✓
102	Aquarium Maintenance	DSE29	✓
103	Chemistry of Cosmetics & Food Processing	DSE30	✓
104	Molecular Markers in Plant Breeding	DSE31	✓
105	rDNA Technology	DSE32	✓
106	Haematology	DSE33	✓
107	Patient Counseling Skills	DSE34	✓
108	PCR Diagnostics	DSE35	✓
109	Logic & Sets	DSE36	✓
110	Medical Physics/Experimental Methods & Error Analysis	DSE37	✓

111	Internet of Things (IOT) Using Arduino/MATLAB and its Applications	DSE38	✓
112	Data Scaling Techniques and Report writing	DSE39	✓
113	Python Programming	DSE40	✓
114	Electronic Communication And Networking/Radiation Oncology Physics	DSE41	✓
115	Fiberoptopreneurship/	DSE42	✓
116	Basic Instrumentation Skills	DSE43	✓
117	R Programming	DSE44	✓
118	Office Management Tools	DSE45	✓