

1.3.1- List and Description of Courses addressing Cross Cutting Issues in Curriculum

Sr.No.	Course Name	Description	Link
1	TYBSc (Biotechnology)- Summer Industrial Internship/Startup Design or case study and	The curriculum of Biotechnology department includes subjects related to Professional Ethics at third year level viz. Summer Industrial Internship/Startup Design or case study and Biosafety, Bioethics and	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/T.Y.B.Sc.%20(Biotechnology)%202019.pdf
2	T.Y.B.Sc.(Physics)-PV solar system course	At T.Y.B.Sc. (Physics) we had a course in PV solar Systems which includes use of solar energy as renewable energy. Solar energy is environment friendly and is available in ample in India. The students get	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/T.Y.B.Sc.(Physics)%202019.pdf
3	T.Y.B.Sc.(Chemistry) Environmental Chemistry Sem V	Curricula addresses the issue of environment through Water pollution and treatment methods.	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/T.Y.B.Sc.%20(Cheistry)_2021.pdf
4	F.Y B.A English(NEP I)	The syllabus for first year bachelor of Arts comprises of texts that focus on human values, sentiments and emotions. The short stories and poems by renowned writers try to	https://www.moderncollegegk.org/NAAC_DATA/AQAR-2023-24/UG_NEP%20I.pdf
5	S.Y B.Sc.Blended Environment sustainability	Omkar Khapre, Gayatri Dharmadhikari, Gargi Bhise and Samiksha Tambe, Purva Kharade, Aniket Rak, Kishori More, , Prerana Dwivadi, Shubham Karkar and Rutuja Uttekar are involved in Ram Nadi River restoration project which	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/B.%20Sc.%20Blended%20%20%20%20Sem%20I%20to%20Sem%20IV%20%202019.pdf

6	T.Y B.A History Research Project	Our syllabus covering social Movement, Gender issues, marginalization process in history make student aware and sensitized on the societal issues as well as contemporary natural and medical disaster too. TYBA research project and multiple subject related assignments inculcate the values of Education, awareness about society, cooperation etc. Because, Students are getting sensitized on Social, gender - discrimination, nationalistic feelings and constitutional Values they choose to work in Nongovernmental organizations	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/TYBA%20History%20SYllabus%202019.pdf
7	Foundation of Psychology	Women and Child Psychology have been included in the syllabus of Foundations of Psychology so that students understand the intersectionality between Gender and Psychology	https://www.moderncollegegk.org/pdf/All_Syllabus/Autonomous_Syllabus/Arts/UG/FY%20Psychology%20Autonomour%20Syllabus%202022-23.pdf
7	Introduction to Psychology	Environmental Psychology has been included in the syllabus to stress on the importance of the relationship of humans and the physical and psychosocial environment around them.	https://www.moderncollegegk.org/pdf/All_Syllabus/Autonomous_Syllabus/Arts/UG/FY%20Psychology%20Autonomour%20Syllabus%202022-23.pdf
8	Introduction to Psychology	In Introduction to Social Psychology topics and themes revolving around Social Inclusion, Aggression, Pro Social Behaviour, Emotional Intelligence have been included in the	https://www.moderncollegegk.org/pdf/All_Syllabus/Autonomous_Syllabus/Arts/UG/FY%20Psychology%20Autonomour%20Syllabus%202022-23.pdf
9	TYBA (Political Science)-Political Ideologies	Curriculum have a unit on Feminism that emphasized on Gender and equality	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/TYBA%20Political%20Science%202019.pdf
10	T.Y.B.Sc.(Physics)-SEM II - Electroacoustics and Entertainment Electronics	Electroacoustics and Entertainment Electronics course has a topic on noise reduction in its curriculum.	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/T.Y.B.Sc.(Physics)%202019.pdf

11	T.Y. BSc. (Microbiology) (2019 pattern) Semester I-Skilled Base Elective MB 3610 Marine	Skilled Base Elective MB 3510 Marine Microbiology course has topic on :Bioremediation – heavy metals, hydrocarbon pollutants – tar ball and oil spills	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/T.Y.B.Sc.%20%20%20(Microbiology)%202019.pdf
12	T.Y. BSc. (Microbiology) (2019 pattern) Semester I-Skilled Base Elective Skilled Base Elective MB 3610	Skilled Base Elective Skilled Base Elective MB 3610 Waste Management Theory has topics on: liquid waste management. solid and hazardous waste management	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/T.Y.B.Sc.%20%20%20(Microbiology)%202019.pdf
13	TYBA Psychology: DSE1 D3 Experimental	(Professional Ethics) Scientific Metho	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/TYBA%20Psychology%202019.pdf
14	TYBA History- Introduction to Historiography & Applied history	Human Values	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/TYBA%20History%20SYllabus%202019.pdf
15	TYBA History- Maharashtra in 19th Century &Maharashtra in	Human Values	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/TYBA%20History%20SYllabus%202019.pdf
16	TYBA History- South Indian Art & architecture & Heritage	Human Values, Professional Ethics, E	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/TYBA%20History%20SYllabus%202019.pdf
17	T.Y.B.Sc.(Comp. Science) Sem VI SECC - IV CS- 3611 Project Work	This curricula build professional skills amongst students as they develop skills in drawing diagrams explaining the system using Entity Relationship Diagram , Data Flow	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/T.Y.B.Sc.%20(Computer%20Science)%202019%20pattern%20CBCS.pdf
18	T.Y.B.A. (Sociology) Sem V Contemporary Indian Society	Curricula addresses gender values by highlighting Indian Democracy – its nature, strengths and weaknesses	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/TYBA%20Sociology%20Syllabus%202019%20Pattern.pdf
19	T.Y.B.A. (Geography) Disaster Management Sem	Curricula addresses environmental iss	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/TYBA%20(Geography)_2019.pdf

20	T.Y.B.A. (Sociology) Introduction to Human Rights and Social Justice	Curricula addresses Human values through the topics Basic Concepts and Emerging Issues of Human Rights and Social Justice.	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/TYBA%20Sociology%20Syllabus%202019%20Pattern.pdf
21	T.Y.B.A. (Sociology) Indian Society Changes and Challenges Sp.	Addresses Civic Issues: Transport and	https://www.moderncollegegk.org/pdf/All_Syllabus/2019%20Pattern/TYBA%20Sociology%20Syllabus%202019%20Pattern.pdf
22	S.Y B.C.A (Autonomous) Environmental	Environmental Awareness curriculum addresses the environment issues like Pollution	https://www.moderncollegegk.org/bca-science-dep.php
23	S.Y.B.Sc Zoology (Autonomous) Environmental Awareness	Environmental Awareness curriculum addresses the environment issues like Pollution Types, Causes, Effects and Management of Pollution.	https://www.moderncollegegk.org/pdf/All_Syllabus/Autonomous_Syllabus/Science/UG/Sybc%20autonomous%20syllabus%202023-2024.pdf
24	F.Y.B.A Psychology(Mental Health and	Curricula address on mental issues and how to take care of mental well being	https://www.moderncollegegk.org/NAAC_DATA/AQAR-2023-24/UG_NEP%20I.pdf
25	F.Y B.A. Sociology(NEPI) Indian society Issues and	Address to enable students to analyze social issues using different sociological perspectives and encouraging the students to think	https://www.moderncollegegk.org/NAAC_DATA/AQAR-2023-24/UG_NEP%20I.pdf
26	F.Y B.A. Sociology(NEPI) Gender and Media	Curricula address the role of media(Filter Bubble,Fake news,Market audience) and role of	https://www.moderncollegegk.org/NAAC_DATA/AQAR-2023-24/UG_NEP%20I.pdf
27	All P.G courses Human Rights9Extra credit)	Curricula emphasises on moral and legal rights according to national and international laws	https://www.moderncollegegk.org/pdf/All_Syllabus/Autonomous_Syllabus/Science/PG/M.%20Sc-%20II%20Zoology%20autonomous%20syllabus%202023-2024.pdf
28	All F.Y courses (NEPI) IKS	Curricula address on Science ,Technology and Philosophy related to Indian culture and Tradition	https://www.moderncollegegk.org/NAAC_DATA/AQAR-2023-24/UG_NEP%20I.pdf
29	All F.Y courses(NEPI) VEC: Environmental Sustainability: Principles and Values	The goal of studying this course is to provide students with the understanding and skills they require to evaluate and deal with the many environmental issues that face the global community today. This will promote sustainable solutions and	https://www.moderncollegegk.org/NAAC_DATA/AQAR-2023-24/UG_NEP%20I.pdf

30	All P.G courses (Extra credit) Cyber security	Curricula address the practice of protecting computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks. How individuals and organisations reduce the risk of cyber attack.	https://www.moderncollegegk.org/pdf/All_Syllabus/Autonomous_Syllabus/Science/PG/M.%20Sc-%20II%20Zoology%20autonomous%20syllabus%202023-2024.pdf
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