

LIST OF OPEN ELECTIVES

Sl No	Department	OPEN ELECTIVE TOPICS
1.	Biochemistry	Sem 1 OE1 A. Biochemistry in health and disease. B. Proteins and enzymes. Sem 2 OE2 A. Nutrition and dietetics. B. Biochemistry of cell.
2.	Department of Communication	OE-1 Writing for Media OE-2 Photo Journalism
3.	Physics	1. Phy-OE1: Energy Resources 2. Phy-OE2: Physics for all
4.	Economics	Open Electives for 1st semester B A honors programme 1.3.1 Kautilya's Arthashastra 1.3.2 Reforms in Indian Economy 1.3.3 Development Studies Open Electives for 2nd semester B A honors programme 2.3.1 Contemporary Indian Economy 2.3.2 Sustainable Development 2.3.3 Business Environment Open Electives for 1st semester B.SC in Economics 1.7.1 Managerial Economics 1.7.2 Business Environment Open Electives for 2nd Semester B.SC in Economics 2.7.1 Reforms in Indian Economy 2.7.2 Development Studies
5.	Chemistry	Semester 1: chemistry in daily life Semester 2 : molecules of life
6.	Zoology	Economic Zoology- I semester Parasitology- II semester
7.	Genetics	Principles of genetics-I semester Genetic counselling - II semester.
8.	Department of Electronic Science	Basics of Digital Electronics and Communication
9.	Environmental science	First semester : 1. Environmental Movements, 2. Environmental Pollution. Second semester: 1. Climate change & it's implications, 2. Environment & Public health in contemporary society.
10.	Department of Philosophy	1st sem Philosophy of Swami Vivekananda 2nd sem Ethics and values
11.	Forensic Science	General Forensic Science- I semester Crime Scene Investigation- II semester.
12.	Physical Education	1st Semester 1. Sports Nutrition 2. Sports Event Management 3. Yoga and Fitness 2nd Semester 1. Yoga and it's Application 2. Physical Fitness for Careers 3. Sports and Recreation

13	B.Com	1. Financial literacy 2. Business Documents
14	B.Com - Tourism and Travel Management	Tourism in India - 1
15	B. Com - Logistic and supply chain management	Procurement, storage and warehouse management
16	B. Com- Insurance and Actuarial	Life insurance products
17	BBA	1. Tourism and Travel Management 2. Event Management
18	BBA - Aviation Management	Air Ticketing and Fare construction
19	Centre for women's studies	1st sem OE-1A: Understanding Gender OE-1B: Capacity Building for gender practitioners 2nd sem: OE-2A: Women's Human rights OE-2B : Doing Field research with gender perspectives
20	History	OE 1- Society and Culture of Karnataka (CE 300 - CE 1000) Part I Or Introduction to Archeology OE 2- Society and Culture of Karnataka (CE 1000 - CE 1750) Part II Or Trade and Commerce of India from the Earliest to 1947
21	Botany	1. PLANTS & HUMAN WELFARE 2. PLANTS PROPAGATION, NURSERY MANAGEMENT & GARDENING
22	Department of Electronic Science	OE 1.1: Domestic Equipment Maintenance OE 1.2: Renewable Energy and Energy Harvesting OE 1.3: Basics of Power Electronics & E Vehicles OE 1.4: PCB Design and Fabrication Semester 2 DSC 2 Analog and Digital Electronics OE 2.1: Consumer Electronics OE 2.2: Industrial Electronics OE 2.3: C Programming and interfacing with Arduino OE 2.4: Mobile communication OE 2.5: Mobile App Development
23	Centre for Kannada studies	ಕನ್ನಡ ಮುಕ್ತ ಆಯ್ಕೆ: 1. ಪತ್ರಿಕೆ 1.1 ಕನ್ನಡ ವ್ಯಾಕರಣ 2. ಪತ್ರಿಕೆ 1.2. ಆತ್ಮ ಚರಿತ್ರೆಗಳು. 3. ಪತ್ರಿಕೆ 1.3.ಕನ್ನಡ ವಿಚಾರ ಸಾಹಿತ್ಯ-1 2 nd Semester ಪತ್ರಿಕೆ 2.1 ಕನ್ನಡ ಸಾಹಿತ್ಯ, ಸಂಸ್ಕೃತಿ ಸಂಕ್ಷಿಪ್ತ ಪರಿಚಯ ಪತ್ರಿಕೆ 2.2 ಕನ್ನಡ ಅನುವಾದ ಅಧ್ಯಯನ ಪತ್ರಿಕೆ 2.3 ಕನ್ನಡ ವಿಚಾರ ಸಾಹಿತ್ಯ -2
24	Department of computer science and applications	Journey into fundamentals of C programming
25	Food Science, nutrition and dietetics (Padmashree College)	OE 1 a. Fundamentals of Food & Health, b. Healthy life style & Nutrition. OE 2 a. Food Safety & Hygiene, b. Food Adulteration.

26	Social Work	1. Personal and Professional Growth 2. Communication for Social Work Practice
27	Urdu	1) Introductory Urdu
28	M.S.W- Social Work	1. Personal and Professional Growth 2. Communication for Social Work Practice
29	Mathematics	B.Sc(Hons) 1st sem - A) Mathematics-I B) Business Mathematics-I 2nd sem- A) Mathematics-II B) Business Mathematics-II 3rd sem- A) Ordinary Differential Equations B) Quantitative Mathematics 4th sem- A) Partial Differential Equations B) Mathematical Finance
30	Psychology	OEC-1 Psychology of Health and well-being OEC-2 Youth, Gender and Identity OEC-3 Psychology and Mental Health OEC-4 Psychology at work
31	Visual Arts	1.Landscape 2. Still life 3. Painting 4.Relief Sculpture 5 Print making.
32	Sociology	Indian Society : Continuity and Change Sociology of Everyday Life Society Through Gender Lens Social Development in India
33	Political Science	Human Rights Indian Polity: Issues and Concerns
34	Performing Arts	Dance(Bharatanat yam) MusicKarnatak, Hindustani mrudanga theatre arts folk dance 3 Dance(Bharatanat yam) MusicKarnatak, Hindustani, Mrudanga, Theatre Arts, Folk Dance (3)
35	Geography	Principles of Geomorphology (4+2) Introduction to Climatology (4+2) Fundamentals of Human Geography 4 Regional Geography of India (4+2)
36	Biotechnology	Biotechnology for Human Welfare (03) Applications of Biotechnology in Agriculture (03)
37	Geology	i) Crystallography, Mineralogy, and Economic Minerals ii) Pedology iii) Basics of Earth System Science iv) Geohazards and Mitigation Strategies ii) i) Medical Geology ii) Industrial minerals iii) Paleobiology iv) Gems and Ornamental Stones iii) i) Dimensional State Technology ii) Climatology iii)Watershed Management iv) Marine Geology - 3rd sem iv) i) Geology and Society ii) Geostatistics iii) Geophysical Exploration iv) Geotourism-4th sem
38	Microbiology	Microorganisms for Human Welfare (03) Environmental Microbiology and Human Health (3)
39	Biological Science	BIODIVERSITY AND CONSERVATION (Open Elective) BIOPHYSICS (Open Elective)

40	Physics	Energy Sources Physics for All. Wave motion and optics Atmospheric Science Sports Science Medical Physics Nanotechnology Electrical Instruments
41	Electronic Science	OE 1.1: Domestic Equipment Maintenance OE 1.2: Renewable Energy and Energy Harvesting OE 1.3: Basics of Power Electronics & E Vehicles OE 1.4: PCB Design and Fabrication OE 2.1: Consumer Electronics OE 2.2: Industrial Electronics OE 2.3: C Programming and interfacing with Arduino OE 2.4: Mobile communication OE 2.5: Mobile App Development OE 3.1. Robotics OE 3.2. Introduction to Nano Science & Nano Electronics OE 3.3. Medical Electronics OE 3.4. Solar Energy, Devices and Applications OE 4.1. App Developments OE 4.2. Mems and Sensors OE 4.3. IOT and Applications OE 4.4. Virtual Reality & Real Time Applications
42	Clinical Nut. Deities	Fundamentals of Food and Health/Health lifestyle and Nutrition Food safety and Hygiene /Food Adulteration Nutritional Assessment/Traditional Foods in Health OE-4 (3) Nutrition in Weight Management / Diet in Lifestyle Disorders
43	Fashion and Apparel Design	Textiles and Costumes of India Clothing Care & Maintenance
44	Interior Design & Decoration	Basics of Interior Design (or) Colour Concepts in Interiors or Home Décor (or) Landscape
45	Statistics	Statistical Methods · Business Statistics · Applied Statistics · Biostatistics
46	Geography Geoinformatics 5yrs	OE-1.1 Mathematics for Geography/ OE-1.2 Fundamentals of Remote Sensing (3) OE-1.1 Mathematics for Geography/ OE-1.2 Fundamentals of Remote Sensing (3) OE-2.1 Spatial Statistics / OE-2.2 Introduction to Geographic Information Systems (3) OE-3.1 Programming Fundamentals / OE-3.2 Geography of India / OE-4.1 Python Programming / OE-4.2 Geography of Karnataka (3)
47	BCA	Journey into Fundamentals and C programming concepts
48	Library Inf. Sci	LIS – OE 1.1: Library and Information Centres. (3 Credits) II LIS-OE 2.1: Reference and Information Sources (Print and Electronic) (3Credits) III LIS-OE3.1: Electronic and Non Documentary Information Resources (3Credits) IV LIS OE4.1: Information Literacy (3credits)
49	English	1. Functional English Grammar and Study Skills 2. Spoken English for Corporate Jobs 3. Speaking and Listening Skills 4. Translation Theory & Practice
50	Sanskrit	1. Sanskrit Bhasa praveshathi 2. Vyavaharika samskrutam (functional sanskrit) 3. Kshema kutuhalam 4. Swasthya samrakshanam & Ayurveda subhashithas
52	Women Studies	1.a. Understanding Gender 1.b. Capacity building for Gender Practitioners 2.a. Women's Human Rights 2.b. Doing field research with Gender perspectives
53	Directorate of B.R. Ambedkar Studies	Economic, Political and Socio-religious thoughts of Dr. B.R. Ambedkar