



TUMKUR UNIVERSITY

**COURSE STRUCTURE AND SYLLABUS
(CBCS SCHEME)**

B.Sc. ENVIRONMENTAL SCIENCE

2.9 Environmental Studies – Theory Paper
(One-Semester Compulsory Core Module for Undergraduate Programmes)

Unit 1: Introduction to Environment (04 hrs)

- Inter-disciplinary nature of environmental studies;
- Scope and importance; Need for public awareness.

Unit 2: Ecosystems and its Importance (04 hrs)

- Ecosystem: Definition, structure and function, Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems :
 - a) Forest ecosystem
 - b) Grassland ecosystem
 - c) Desert ecosystem
 - d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

Unit 3: Natural Resources and Management (04 hrs)

- Land resources and land use change; Land degradation, soil erosion and desertification.
- Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state).
- Energy resources: Renewable and non-renewable energy sources, use of alternate energy sources, growing energy needs, case studies.

Unit 4: Biodiversity and Conservation (04 hrs)

- Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots
- India as a mega-biodiversity nation; Endangered and endemic species of India
- Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.
- Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

Unit 5: Environmental Pollution and Control (04 hrs)

- Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution
- Nuclear hazards and human health risks
- Solid waste management: Control measures of urban and industrial waste.

- Pollution case studies.

Unit 6: Sustainable Development and Environmental Laws (04 hrs)

- Sustainability and sustainable development practices.
- Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act.
- Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

Unit 7: Interaction of Society with Environment (04 hrs)

- Human population growth: Impacts on environment and climate change.
- Resettlement and rehabilitation of project affected persons; case studies.
- Disaster management: floods, earthquake, cyclones and landslides.
- Environmental movements: Chipko, Silent valley.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies.

Unit 8: Environmental Extension (04 hrs)

- Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc.
- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.
- Study economically important plants and plantation by every student (1 Student 2 Plants compulsory).
- Study of simple ecosystems-pond, river, etc.

Reference Books

- 1 Bharucha, E. 2003, Textbook for Environmental Studies, University Grants Commission, New Delhi and Bharati Vidyapeeth Institute of Environmental Education and Research, Pune. 361.
- 2 Carson, Rachel. 1962. Silent Spring (Boston: Houghton Mifflin, 1962), Mariner Books, 2002
- 3 Economy, Elizabeth. 2010. The River Runs Black: The Environmental Challenge to China's Future.
- 4 Gadgil, M. & Ramachandra, G. 1993. *This fissured land: an ecological history of India*. Univ of California Press.
- 5 Gleeson, B. and Low, N. (eds.) 1999. Global Ethics and Environment, London, Routledge.
- 6 Grumbine, R. Edward, and Pandit, M.K. Threats from India's Himalaya dams. *Science* 339.6115 (2013): 36-37.
- 7 Heywood V.H. & Watson, R.T. 1995. Global Biodiversity Assessment. Cambridge University Press.

- 8 McCully, P. 1996. *Silenced rivers: the ecology and politics of large dams*. Zed Books.
9 McNeill, John R. 2000. *Something New Under the Sun: An Environmental History of the Twentieth Century*.
10 Odum, E.P., Odum, H.T. & Andrews, J. 1971. *Fundamentals of Ecology*. Philadelphia: Saunders.

Question Paper Pattern for Common Paper on Environmental Studies (CBCS)

Time: 3 hours

Maximum Marks: 50

PART - A

Answer any FIVE of the following.

2x5=10

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

PART - B

Answer any FOUR of the following

5x4=20

- 07.
- 08.
- 09.
- 10.
- 11.

PART - C

Answer any TWO of the following

10x2=20

- 12.
- 13.
- 14.

Note: Equal weightage should be given to all the units while preparing the question paper.

TUMKUR UNIVERSITY, B H ROAD, TUMKUR-572 103

Department of Political Science

**New Syllabus w.e.f. 2016-17 and onwards for Bachelor of Arts Degree in Political Science
I Semester to VI Semester**

Semester	Paper no	Title	No of Teaching hours per Week	Duration of semester end examination	Internal Assessment Marks	Maximum Marks for semester end examination	Maximum Marks for semester end examination
I	BAP -1.1	Basic concepts of Political Science	T 5	3	10	90	100
II	BAP -2.1	Political Theories	T 5	3	10	90	100
III	BAP -3.1	Western and Indian Political Thought	T 5	3	10	90	100
IV	BAP -4.1	Indian Government and Politics	T 5	3	10	90	100
Open Elective Paper For IV Sem							
IV	BAP-4.2	Human Rights	T 4	3	-	50	50
V	BAP -5.1	Public Administration(compulsory)	T 5	3	10	90	100
	Elective Papers (One of the following)						
	BAP -5.2A	Democracy and Governance	T 5	3	10	90	100
	BAP -5.2B	Comparative Governments	T 5	3	10	90	100
VI	BAP -6.1	International Relations(compulsory)	T 5	3	10	90	100
	Elective Papers (One of the following)						
	BAP -6.2A	Indian Administration	T 5	3	10	90	100
	BAP -6.2B	Legislative Procedure	T 5	3	10	90	100
Compulsory Paper for all UG Degrees							
		Indian Constitution	T 4	3	-	50	50

IV SEMESTER
BAP - 4.2 HUMAN RIGHTS
(Open Elective Paper)

(75 hours)

Rationale: This course aims at enabling the students to understand the issues concerning the rights of citizens in general and the marginalized groups in particular, and assess the institutional and policy measures which have been taken in response to the demands of various movements. Conceptual dimensions, international trends and the Indian experience form the contents of the course.

- UNIT- I** Concept of Human Rights;
i. Meaning, evolution and importance.
ii. Approaches: Western, Marxian and Third World (15 Hours)
- UNIT- II** UNO and Human Rights;
i. Universal Declaration of Human Rights
ii. Implementation and critical analysis (10 Hours)
- UNIT- III** Indian Constitution and Human Rights;
i. Civil and Political Rights, Socio-economic and cultural Rights.
ii. Acts of Human Rights : Right to Information Act, Right to Education (15 Hours)
- UNIT- IV** Agencies for protecting Human Rights;
i. Judiciary
ii. National Human Rights Commission and Media.
iii. Public Interest Litigation (PIL) (15 Hours)
- UNIT- V** Human Rights Movements in India;
i. Peoples Union for Civil Liberties (PUCL)
ii. Human Rights violations - Minorities, Dalits, Adivasis, women and children.
iii. State and Human Rights. (20 Hours)

REFERENCES:

1. Andrew Clapham, Human Rights : A very short Introduction, Oxford University press, New York, 2007.
2. Chiranjeevi Nirmal, Human Rights in India, Oxford University Press, New Delhi, 1997.
3. Darren J.O.Byrne, (ed), Human Rights : An Introduction, Pearson Education Pvt. Ltd, New Delhi, 2004.
4. Janusz Symonides (ed), New Dimensions and Challenges for Human Rights, Rawat publications, Jaipur, 2006.
5. Johari J.C Human Rights and New world Order, Anmol Publications, New Delhi, 1998.
6. Shasi Motilal & Bijaya Laxmi : Human Rights, Gender and Environment Allied Publishers, New Delhi, 2000.
7. South Asia Human Rights Documentation Centre : Introducing Human Rights, Oxford University Press, New Delhi, 2007.
8. Upendra Baxi : Inhuman wrongs and Human Rights, Har Anand, New Delhi, 1994.
9. ಮಂಗಳಮೂರ್ತಿ, ಭಾರತ ಸಂವಿಧಾನ ಹಾಗೂ ಮಾನವ ಹಕ್ಕುಗಳು

Compulsory Paper for
B.A./B.Sc./B.Com./B.B.M./B.C.A./B.F.A and other Under
Graduate Degrees

INDIAN CONSTITUTION

(75 hours)

Rationale: The objective of this Paper is to enable the Graduate students to get familiarized with the Government and its working in India under the legal and philosophical framework of Indian constitution. A key objective of the paper is to make students aware of the rights and duties of the citizens provided by the Constitution of India.

UNIT-I

- i. Constituent Assembly: Working of the Constituent Assembly and making the Indian Constitution.
 - ii. Preamble and Features of Indian Constitution.
 - iii. Fundamental Rights and Duties.
 - iv. Directive Principles of State Policy
- (20 Hours)

UNIT-II

- i. Union Executive: President, Election, Powers, Emergency Powers and Position, Vice President-Power and Functions
 - ii. Prime Minister: Appointment, Functions and Position.
 - iii. The Council of Ministers: Composition, Functions
- (15 Hours)

UNIT-III

- i. Union Legislature: Parliament - Lok Sabha and Rajya Sabha, Composition powers and Functions
 - ii. Speaker: Appointment, Power and Functions.
- (15 Hours)

Unit IV

- i. Government of the States. The Governor- Chief Minister and the Council of Ministers -composition, power and functions.
 - ii. The State Legislature- composition powers and functions.
 - iii. Panchayath Raj system in India (ZP, TP and GP)
- (10 Hours)

UNIT V

- i. The Indian Judicial System- the Supreme Court - Composition, jurisdiction powers and functions
 - ii. The High Courts - composition, jurisdiction and functions.
 - iii. Independence of Judiciary in India, Judicial review and Judicial Activism.
- (15 Hours)

REFERENCES:

1. Grenville Austin, The Indian Constitution: The Cornerstone of a Nation, New York: OVP
2. K.R. Bobwall, Indian Constitution and administration, Ambala Cantt: Modern, 1970
3. M.V. Pylee, Constitutional Government, Bombay, Asia, 1968.
4. Rajni Kothari Politics in India, Delhi Oriented Long Man, 1972
5. W.H. Morris Jones, Government and Politics in India, London: Hutchlusion, 1967.
6. ಡಾ.ಎಚ್.ಎಂ. ರಾಜಕೀಶ್ವರ - ಭಾರತದ ಸಂವಿಧಾನ ಮತ್ತು ರಾಜಕೀಯ, ಕೆರಳೆ ಪ್ರಕಾಶನ, ಮೈಸೂರು
7. ಡಾ.ಬಿ.ಎಸ್.ಲಿಂಗರಾಯ - ಭಾರತದ ಸಂವಿಧಾನ, ಮಹೇಶ್ವರಿ ಪ್ರಕಾಶನ, ತುಮಕೂರು
8. ಡಾ.ಬಂಧುಕೇಶ್ವರ - ಭಾರತದ ಸಂವಿಧಾನ ಮತ್ತು ರಾಜಕೀಯ
9. ಪ್ರೊ.ಎನ್.ಹಾಲಪ್ಪ - ರಾಜ್ಯಶಾಸ್ತ್ರ, ಬೇತನ ಪ್ರಕಾಶನ, ಮೈಸೂರು
10. ಓ.ಎಸ್. ಗಂಗಾಧರ - ಭಾರತದ ಸಂವಿಧಾನ

ACADEMIC REGULATION AND COURSE CONTENTS

GOVERNING **MBA DEGREE OF TUMKUR UNIVERSITY**

2018 -2019 (ONWARDS)

UNDER CHOICE BASED CREDIT SYSTEM (CBCS)



DEPARTMENT OF STUDIES & RESEARCH IN BUSINESS
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(OEP) Soft skills values and Ethics

Module 1- Soft skills determinants- Soft vs hard skills- decision making skills- problem solving skills- positive thinking- negative thinking- lateral thinking and critical thinking.

Module 2 Goal setting- dreams vs goals- why goals setting fail? Smart Goals- Time Management- Body language- norms of social behavior- good manners and etiquettes
Positive thinking & Attitude- Motivation- Character Building- Team building -Effective Team Characteristics.

Module -3 Personality –determinants, Personality types- Self-esteem- self-empowerment self-confidence. Transactional Analysis- Johari Window. Dale Carnegie and personality Portfolio- Neuro linguistics communication and change.

Module - 4 Leadership- Components of Leadership- Leadership Skills- Styles of leadership- Groups- Nature- Group Size- Stages of Group Development- Group Roles- Group Norms- Group Cohesion.

Module 5- Transcultural values in Management Education- relevance of values in Management- need for values- values for managers- secular spiritual values in Management -Ethics- morality- virtues- Social ethics. Ethics in work place- ethical decision making. Fitness of body and mind through yoga, Meditation and prayanama, stress management.

Practical Component:

1. Report on personality traits of any two great leaders
2. Conduct Creativity and team building exercises.
3. Report on the ethical practices of any three organizations.
4. Conduct group activities and goal setting exercises.

References

1. Yukl G - Leadership in Organisations (Prentice hall- 7th Ed.)
- 2.. Yukl G - Leadership in Organisations (Pearson- 6th Ed.)
3. Hurlock.- Elizabeth B - Personality Development (Tata McGraw Hill- 1st Ed.)
4. Udai Pareek - Understanding Organizational Behaviour (Oxford- 2nd Ed.)
5. Chakraborty S.K foundations of managerial Work-contributions from Indian thought HPH
6. Management by values – Oxford University press.
7. Drucker P. Managing in Turbulent times Pan Books India.

	B.COM VI SEMESTER	Hours
	6.4 ORGANISATIONAL BEHAVIOUR	
	OBJECTIVE: To enable the students to understand the behavioural aspects of employees to organizations.	
UNIT: I	INTRODUCTION Meaning and definition of organizational Behavior, nature, need for the study of organizational behavior and psychology, significance and scope of O.B, Application of OB in Management.	10
UNIT: II	INDIVIDUAL IN AN ORGANIZATION Individual Differences, Factors, personality theories, personality determinations, foundation of Individual behavior, Emotions, meaning and types interpersonal behavior.	10
UNIT: III	ATTITUDE Meaning and Definition of Attitude, sources of attitude components of attitude, types of attitude, work related attitudes- Relationship between Attitude and behavior – Attitude formation & its measurement.	12
UNIT: IV	LEARNING Meaning & definition, principles of learning, Theories of motivation- Maslow's need Hierarchy theory- Herzberg's two factor theory- mc gregor's x and y theory.	08
UNIT: V	GROUP DYNAMICS Meaning & definition of group- types of group & Individual behavior, organizational change types of changes- change process	10
UNIT: VI	LEADERSHIP Meaning and definition, types of Leadership, leadership styles, conflict in organizations: Nature of conflict, levels of conflict management styles. Employee Stress- causes- stress management.	10
	SKILL DEVELOPMENT 1. Draft a report on various styles of leadership and conduct a role play. 2. Exercise on stress management. 3. List out the determinants of personalities.	