



GUJARAT TECHNOLOGICAL UNIVERSITY

Bachelor of Engineering

Subject Code: 3150408

CONSCIENCE AND CONSCIOUSNESS

5TH SEMESTER

Type of course: Humanities and Social science

Prerequisite: Fundamental of basic sciences with sensitivity to moral values.

Rationale: The objectives of this subject is to teach student about his physical self , consciousness and the existence. Inculcate moral values in student at deeper level. Student will learn management lessons from timeless Bhagvat Gita with sense of Dharma .

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks				Total Marks
L	T	P	C	Theory Marks		Practical Marks		
				ESE (E)	PA (M)	ESE (V)	PA (I)	
3	0	0	3	70	30	0	0	100

Contents:

Sr. No.	Topics	Teaching Hrs.	Module Weightage
1	Unit 1. The concept of individual self and awareness Indian concept of self, Indian thoughts on psychology, Concept of soul and panch-kosha, Desire as the locus of cognition, emotion and behaviour, emotional intelligence and state of sthitaprajñā in gita , highest possibility of self.	9	20%



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2	Unit 2 Bases of understanding material existence Indian concept of universe: Concept of existence, theory of Guna, five elements and its role in creation, Science of transcendental meditation. Scientific theories in regard to objective universe : classical physics and the concept of matter quantum mechanics, The Heisenberg principle of indeterminacy,, The big bang theory, dark matter.	15	33%
3	Unit 3 Management lessons from Gita Concept of dharma, type of actions, Equanimity, Application of Gita in superior business management, Yamas for workplace ethics & emotional ethics, control of mind, meditation and yoga for self management, Health management lessons from gita: Nutrition and Psychosomatic diseases.	12	27%
4	Unit 4 Doing the Right Thing: The Ethical philosophy of Bhagwad Gita The Alchemy of Karma Yoga: Renunciation in Action, Becoming a Person of Steady Wisdom and Attaining the Absolute, Attaining True Wisdom & Rejoicing in the Self Alone, Doing Our Work Without the Tag of Doership, Samatā and Sthitaprajñā: Supreme Goals of the Gita , Key Leadership Lessons from the Bhagavad Gītā	9	20%

Suggested Specification table with Marks (Theory): (For BE only)

Distribution of Theory Marks					
R Level	U Level	A Level	N Level	E Level	C Level
05	30	30	05	05	0



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Legends: R: Remembrance; U: Understanding; A: Application, N: Analyze and E: Evaluate C: Create and above Levels (Revised Bloom's Taxonomy)

Reference Books:

1. Dharma B., Anchoring Cognition, Emotion and Behaviour in Desire: A Model from the Bhagavad-Gita., Handbook of Indian Psychology
2. Gayathri, N.* and Meenakshi, K., Emotional Intelligence – Universal or Culture Specific? An Analysis with Reference to the Indian Philosophical Text, the Bhagavad-Gita.
3. Satish Modh., Formulating a New Three Energy Framework of Personality for Conflict Analysis and Resolution based on Triguna Concept of Bhagavad Gita., Journal of Human Values 20(2) 153–165
4. Cham, Jorge, and Daniel Whiteson. We have no idea: a guide to the unknown universe. Penguin, 2017.
5. Feynman, Richard P. "Feynman lectures on physics. Volume 3: Quantum mechanics." Reading, Ma.: Addison-Wesley, 1965, edited by Feynman, Richard P.; Leighton, Robert B.; Sands, Matthew (1965).
6. Satinder Dhiman Managing by Bhagwat Gita timeless lessons for todays managers
7. Dharm bhawuk, Spirituality and Indian psychology
8. Kalra B, Joshi A et al. Coping with Illness: Insight from the Bhagavad Gita, Indian Journal of Endocrinology and Metabolism ; Published by Wolters Kluwer - Medknow
9. Kalra B, Agrawal N, Unnikrishnan AG. Nutrition and the Bhagavad Gita. J Med Nutr Nutraceut 2013;2:3-4.
10. Srimad Bhagvad Gita. Gorakhpur: Gita Press; 2009.

Course Outcome:

Sr. No.	CO Statement	Marks % Weightage
CO-1	Student will be more aware about the self, various perception and outcomes.	20%
CO-2	Student will develop multiple point of view to look at universe.	33%
CO-3	Student will learn about management lessons from gita	27%



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CO-4	Student will know about duties and responsibilities and moral values that will ultimately make them better human being.	20%
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List of Open Source Software/learning website:

- 1) NPTEL
- 2)