
DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY
UTTAR PRADESH, LUCKNOW



EVALUATION SCHEME & SYLLABUS

FOR

III & IV

OPEN ELECTIVES LIST

AS PER

AICTE MODEL CURRICULUM

[Effective from the Session: 2021-22]

Note:

1. The Student shall choose an open Elective from the list in such a manner that he/she has not studied the same course in any form during the degree programme.
2. ** It is mandatory that for these subjects (KOE089, KOE098 & KOE099) only Trained Faculty (who had done the FDP for these courses) will teach the courses.

B. TECH.
VIII Semester (2021-22)

OPEN ELECTIVE –III

KOE-081	CLOUD COMPUTING
KOE-082	BIO MEDICAL SIGNAL PROCESSING
KOE-083	ENTREPRENEURSHIP DEVELOPMENT
KOE-084	INTRODUCTION TO SMART GRID
KOE-085	QUALITY MANAGEMENT
KOE-086	INDUSTRIAL OPTIMIZATION TECHNIQUES
KOE-087	VIROLOGY
KOE-088	NATURAL LANGUAGE PROCESSING
KOE-089	**HUMAN VALUES IN MADHYASTH DARSHAN

OPEN ELECTIVE –IV

KOE-091	AUTOMATION AND ROBOTICS
KOE-092	COMPUTERIZED PROCESS CONTROL
KOE-093	DATA WAREHOUSING & DATA MINING
KOE-094	DIGITAL AND SOCIAL MEDIA MARKETING
KOE-095	MODELING OF FIELD-EFFECT NANO DEVICES
KOE-096	MODELLING AND SIMULATION OF DYNAMIC SYSTEMS
KOE-097	BIG DATA
KOE-098	**HUMAN VALUES IN BUDDHA AND JAIN DARSHAN
KOE-099	**HUMAN VALUES IN VEDIC DARSANA

KOE098 HUMAN VALUES IN BAUDDHA AND JAIN DARSHAN

Catalogue Description: Bauddha and Jain Darshan form a part of the philosophy of Indian tradition. This course outlines the basic concepts and principles of these two philosophies and provides scope for further reading of the philosophies, so as to gain clarity about the human being, the existence and human participation i.e. human values expressing itself in human conduct.

It is to be kept in mind that Darshan means realization which calls for developing the capacity to see the reality in oneself directly. So, any study of Darshan shall help develop this capacity in the students through proper steps of practices and shall not just provide the information.

DETAILED SYLLABUS		3-1-0
Unit	Topic	Proposed Lecture
I	Introduction to Bauddha and Jain Darshan and their Basics Need to study Bauddha and Jain Darshan; the origin of these philosophies, their basic principles and scope for further reading.	08
II	Basic Principles of Bauddha Darshan law of impermanence (changability); four noble truths; eightfold path; law of cause- action (<i>pratitya-samutpaad</i>) Definition of some salient words of Buddha Darshan – <i>nirvana, dhamma, tri- ratna(Buddha, Dharma and Sangh), pragya, karma, parmi, ashta-kalap, trishna, shad-ayatan, samvedana, vipassana, anitya, maitri, brham-vihaar, tathagata, arahant..</i>	08
III	Purpose and Program for a Human Being based on Bauddha Darshan The purpose and program of a human being living on the basis of it, clarity and practice of human values and human conduct, the natural outcome of such a program on society, nature and tradition. Purpose-freedom from suffering, <i>nirvana</i> ; root of suffering- <i>vikaar – raga, dvesha and moha</i> , Program – various steps of meditation for attaining knowledge; <i>shamath and vipassana; sheel- samadhi-pragya; practice of equanimity (samatva), eightfold path(Ashtang Marg); combination of understanding and practice..</i>	08
IV	Basic Principles of Jain Darshan Basic realities – description of nine elements in existence (<i>jeev, ajeev, bandh, punya, paap, aashrav, samvar, nirjara, moksha</i>), 6 dravya of lok – <i>dharma, adhrma, akash, kaal, pudgal, jeev</i> ; tri-lakshan, various types of <i>pragya</i> , various stages of realisation; <i>samyak-gyan, samyak- darshan, samyak-charitra, syadvaad, anekantavaad, naya- nishchaya and vyavahar, karma- phal siddhanta</i> Definition of some salient words of Jain Darshan – <i>arhant, jin, tirthankara, panch- parameshthi, atma, pramaan, kaal, pudgal, paramanu, kashay, leshya..</i>	08
V	Purpose and Program for a Human Being based on Jain Darshan The purpose and program of a human being living on the basis of it, clarity and practice of human values and human conduct, the natural outcome of such a program on society, nature and tradition, possibility of finding solutions to present day problems in the light of it. Purpose (goal) - <i>moksha</i> , Program- following <i>mahavrat, anuvrat, 10 lakshan dharma; samyak darshan-gyan-charitra</i> . Commonality with Bauddha Darshan	08

Text Books:

1. Chattejee, S.G. and Datta, D.M., “*An Introduction to Indian Philosophy*”, University of Calcutta Press, 1960..

Reference Books:

1. “*Dhammapad*”, Vipassana Research Institute, 2001.
2. Drukpa, G., “*Musings from the Heart*”, Drukpa Publications Private Ltd, 2018.
3. Jyot, “*Ek cheez milegi Wonderful*”, A Film Directed by Jyot Foundation, 2013.
4. Goenka, S.N., “*The Discourse Summaries*”, Vipassana Research Institute, 1987.
5. Madhavacharya, “*Sarva-darshan Samgraha*”, Chaukhambha Vidya Bhavan, Varanasi, 1984.
6. Varni, J., “*Samansuttam*”, Sarva Seva Sangh Prakashan, Varanasi, 7th Edition, 2010.
7. <https://www.youtube.com/watch?v=cz7QHNvNFfA&list=PLPJVIVRVmhc4Z01fD57jbzycm9I6W054x> (English)
6. <https://www.youtube.com/watch?v=r5bud1ybBDc&list=PLY9hraHvoLQLCk17Z2DWKMgRAWU77bKFy> (Hindi).