



Kot Bhalwal, Jammu



Model Institute of Engineering
& Technology (Autonomous)
Course Handout

COURSE HANDOUT

Indian Knowledge System (UGVAC-206)

BCA-2nd SEMESTER

ACADEMIC YEAR (2023-24)

Ms. Heena Sharma

Assistant Professor

School of Management-UG



Department of Computer Applications

Model Institute of Engineering & Technology (Autonomous)

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Dr. Arun K. Gupta Teaching-Learning Centre

Version 1.1



Please Do Not Print Unless Necessary



Course Code	Course Name	Course Type	Cd	L	T	P	Marks		
							Sessional	Final Exam	Total
UGVAC-206	Indian Knowledge System	Value-Added	2	2	0	0	50	-	50

COURSE OUTCOMES

At the end of the course the student will be able to:	
CO1	Identify concept of traditional knowledge & its importance
CO2	Explain the need & importance of protecting traditional knowledge
CO3	Interpret the concepts of intellectual property to protect the traditional knowledge
CO4	Know about the Vedic philosophy in detail and its relevance in present scenario.
CO5	Strengthen their mind and body through the knowledge of yoga.

Unit-I

Introduction Protection of traditional knowledge: Define traditional knowledge, nature and characteristics, scope and importance, kinds of traditional knowledge, The need for protecting traditional knowledge Significance of TK Protection, value of TK in global economy, Role of Government to harness TK. (6 Hrs.)

Unit-II

Legal framework and TK: The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006, Plant Varieties Protection and Farmer's Rights Act, 2001 (PPVFR Act); The Biological Diversity Act 2002 and Rules 2004, the protection of traditional knowledge bill, 2016. (5 Hrs.)

Unit-III

Traditional knowledge and intellectual property: Systems of traditional knowledge protection, Legal concepts for the protection of traditional knowledge, Patents and traditional knowledge, Strategies to increase protection of traditional knowledge (6 Hrs.)

Unit-IV

Vedic Philosophy & Yoga Philosophy: Concept of Vedas, Ethics & Values, Educational system, Knowledge of science, trade/commerce & medicines as per Vedas, Environmental ethics: Preservation & Purification, Harnessing of natural resources in alienation with nature as per Vedas. Parts of Yoga, Importance of Yam and Niyam, Stress management through yoga, Purification of mind and body through yoga. (6 Hrs.)

Unit-V

History, Culture, Heritage, and tourism of Jammu and Kashmir: Historical perspective of J&K, Significance and Importance of Heritage sites of J&K, Impact of tourism on ecology and society, Pilgrimage tourism of J&K (6 Hrs.)

Textbooks

S.No	Name of the Books	Name of the Author	Publisher Name	Edition (Pub.Yr.)
1	Know Your State Jammu and Kashmir and Ladakh	Abdul Rashid, Farah Sultan	Arihant Publications India limited	1 ST 2021



Reference Books

S.No	Name of the Books	Name of the Author	Publisher Name	Edition (Pub.Yr.)
1	Knowledge Tradition & Practices of India	Kapil Kapoor, Michel Danino	Medknow Publications and Media Pvt. Ltd.	2012

COURSE PLAN		
Unit-I Introduction Protection of traditional knowledge		
S. No	Topics	Recommended Books
1	Define traditional knowledge, nature and characteristics	Book 2, Ch1
2	scope and importance, kinds of traditional knowledge	Book 2, Ch.1
3	Indigenous Knowledge (IK) characteristics	Book 2, Ch.2
4	The need for protecting traditional knowledge Significance of TK Protection	Book 2, Ch.1
5	Value of TK in global economy	Book 2, Ch.3
6	Role of Government to harness TK	Book 2, Ch.3
Unit-II Legal framework and TK:		
7	The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006	Book 2, Ch.3
8	Plant Varieties Protection and Farmer's Rights Act, 2001 (PPVFR Act);	Book 2, Ch.2
9	The Biological Diversity Act 2002 and Rules 2004	Book 2, Ch.4
10	The protection of traditional knowledge bill, 2016.	Book 2, Ch.2
Unit-III Traditional knowledge and intellectual property		
11	Systems of traditional knowledge protection,	Book 2, Ch.1
12	Legal concepts for the protection of traditional knowledge,	Book 2, Ch.6
13	Patents and traditional knowledge	Book 2, Ch.1
14	Strategies to increase protection of traditional knowledge	Book 2, Ch.1
Unit-IV Vedic Philosophy & Yoga Philosophy		
15	Concept of Vedas, Ethics & Values	Book 2, Ch.4
16	Educational system, Knowledge of science	Book 2, Ch.1
17	Trade/commerce & medicines as per Vedas,	Book 2, Ch.2



18	Environmental ethics: Preservation & Purification, Harnessing of natural resources in alienation with nature as per Vedas.	Book 2, Ch.1
19	Parts of Yoga, Importance of Yam and Niyam	Book 2, Ch.2
20	Stress management through yoga, Purification of mind and body through yoga.	Book 2, Ch.1
Unit-V History, Culture, Heritage, and tourism of Jammu and Kashmir		
21	Historical Perspective of J&K	Book 1, Ch.1
22	Significance and importance of heritage sites of J&k,	Book 1, Ch.6
23	Impact of Tourism on ecology and society	Book 1, Ch.7
24	Pilgrimage tourism in J&K	Book 1, Ch.7

ADDITIONAL WEB RESOURCES

1	Pdf: https://egyankosh.ac.in/bitstream/123456789/51678/1/Unit9.pdf
2	Web Link: https://www.wipo.int/tk/en/tk/#:~:text=TK%20in%20the%20narrow%20sense,practices%2C%20skills%2C%20and%20innovations.

GRADING AND ASSESSMENT

- **Sessional Test:** 20 marks
 - **Assignment:** 20 marks
 - **Attendance:** 10 marks
- Total assessment: 50 marks**

COURSE POLICIES

- **Attendance:** Minimum 75% attendance is mandatory to appear in the final examination of the course.
- **Academic Integrity:** MIET's academic integrity policies apply. Plagiarism will not be tolerated.
- **Late Submissions:** Assignments and projects must be submitted by the specified timelines.

FACULTY INFORMATION

- **Office Hours**
Monday (02:35 PM - 03:00 PM)
Friday (02:35 PM - 03:00 PM)
- **Contact Information**
heena.bba@mietjammu.in