



ST. XAVIER'S COLLEGE RANCHI (AUTONOMOUS)

(An Autonomous College of Ranchi University)

Accredited by NAAC with B+ Grade

Department of Education

(Certificate course on)

Indian Knowledge System

Course code:- BEDC-01

(Duration: 30 hours)



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BEDC – 01

INDIAN KNOWLEDGE SYSTEM

Course Coordinator:	Dr. Sudhanshu Cyril Kujur
Course Convener:	Dr. Fr. Florence Purty, S.J.
No. of Seat:	30
Course Eligibility:	UG/PG/Vocational (Any other Stream)
Course Fee:	3,000/-
Total No. of Classes:	40
Time:	8:30 a.m. to 9:30 a.m.
Course Brochures:	Application on College Website
Medium:	English/Hindi
Total Marks:	100
Passing Marks:	40
Evaluation Method:	Internal Assessment + Assignment = 30 Marks Theory Examination = 70 Marks


19/05/2025
H.O.D., Department of Education
St. Xavier's College
Ranchi


19/05/2025

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COURSE OBJECTIVE: -

- Co1 To create awareness about the ancient Indian Knowledge system.
- Co2 To create awareness about ancient Indian political and Economic system.
- Co3 To create awareness about ancient Indian Art & Architecture.
- Co4 To impart knowledge about the ancient Indian Science, Mathematics, Astronomy, Ayurveda, approach to health & wellness etc.
- Co5 To generate e-resource for future endeavor.

COURSE OUTCOME:-

After the completion of the course the students will have the ability to.

1. Attain the knowledge of ancient Indian knowledge system.
2. Appreciate the contribution of ancient Knowledge system in the progression of the country.
3. Generalize the ancient knowledge system with existing education system.
4. Application of the ancient knowledge system in present educational context.
5. Preserve, documentation & transmission of the rich ancient Indian knowledge system to the next generation.

COURSE CONTENT:-

Sl. No.	Topic	Hours
1	Introduction of Indian Knowledge System	2 hrs.
2	Knowledge of Veda & upveda.	2 hrs.
3	Concept of 64 Kala/34 Vidya.	2 hrs.
4	Ancient Indian Textile	2 hrs.
5	Ancient Indian Transport	2 hrs.
6	Ancient Indian Science	4 hrs.
7	Ancient Indian Mathematics	4 hrs.
8	Ancient Indian Astronomy	4 hrs.
9	Ancient Indian Architecture	4 hrs.
10	Ayurveda approach to health & wellness	4 hrs.

References:-

- Textbook on IKS by Prof. B. Mahadevan, IIM, Bengaluru.
- Kapur K and Singh A.K (Eds) 2005. Indian Knowledge system, Vol.1. Indian Institute of Advanced study, Shimla.
- The Cultural Heritage of India. Vol.1. Kolkata: Ramakrishna Mission Publication 1972.
- Nair, shantha N. Echoes of Ancient Indian Wisdom. New Delhi: Hindology Books, 2008.
- Dr. R.C. Majumdar, H.C Raychaudhuri and Kalikinkar Datta: An advanced History of India (Second Edition) published by Macmillan & Co., Limited, London, 1953.