



Gujarat Technological University

(Accredited with A+ grade by NAAC)

SIKS & Dharohar Bhartiya Gyan Parampara Kendra

Certificate Course Name:- Indian Contributions to the World of Science: A Historical Exploration

Minimum Eligibility For the Course	12 th Pass(Any Stream)
Credit	02
Contact Hours	30
Duration	3 Months
Fees	RS.1500+500 Exam fees
Course Outcomes and Unit-wise Syllabus	Course Outcomes: 1. Historical Awareness: - Understand the evolution of scientific inquiry in India from ancient to modern times. 2. Recognition of Indigenous Knowledge Systems: - Appreciate the depth and originality of Indian contributions to mathematics, medicine, astronomy, metallurgy, and more. 3. Critical Analysis: - Analyze the socio-political contexts that influenced scientific progress or decline in different historical periods. 4. Contemporary Relevance: - Reflect on how historical scientific traditions can inspire innovation and sustainable development in the present. 5. Global Contextualization: - Explore how Indian science interacted with and contributed to global scientific traditions. • Syllabus: - Module 1: Introduction to the Indian History of Science - Module 2: Ancient Scientific Thought

	• Module 3: Classical and Medieval Contributions • Module 4: Scientific Renaissance during the Sultanate and Mughal Periods • Module 5: The Colonial Impact on Indian Science • Module 6: Modern Indian Science and Technology • Module 7: Science and Society in India • Module 8: Conclusion and Future Directions
Relevance of Course:	Regional, National and Global
Teaching Mode	Online
Medium Of Instruction	Gujarati/Hindi/English
Examination Pattern	Online
Marks	100 (MCQs) 50 questions
Passing Marks	40% Passing marks are required
Classis Time	Twice a week- 1 hrs. per lecture