



होमी भाभा विज्ञान शिक्षा केंद्र
HOMI BHABHA CENTRE FOR SCIENCE EDUCATION
टाटा मूलभूत अनुसंधान संस्थान
TATA INSTITUTE OF FUNDAMENTAL RESEARCH

भारत सरकार का नाभिकीय विज्ञान एवं गणित का राष्ट्रीय केंद्र एवं समविश्वविद्यालय

*National Centre of the Government of India for Nuclear
Science and Mathematics and a Deemed University*

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वेबसाइट / Website : www.hbcse.tifr.res.in

HBCSE Graduate Courses

(<https://www.hbcse.tifr.res.in/graduate-school/graduate-courses>)

Academic Year 2022-23

Graduate Courses for January-April 2023 (Classroom Teaching & Hybrid)

The following graduate courses are being offered via classroom teaching & hybrid mode in the January to April semester of the academic year 2022-23.

Course Details	Course Type	Course Number
Research Methodology: Advanced Course on STEM Education Research Instructor: Dr. Deepa Chari Credits: 4 Course Outline: https://hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2022-2023/research-methodology-advanced-course-on-stem-education-research-syllabus-v1.pdf	Core Course	SCE401.2
Philosophy of Education Instructor: Prof. K. Subramaniam Credits: 4 Course Outline: https://hbcse.tifr.res.in/graduate-school/graduate-courses/poe-hbcse-course-outline.pdf	Foundational Elective Course	SCE201.2
Advanced Topics in Cognition Instructors: Prof. Sanjay Chandrasekharan & Dr. Sweta Anantharaman Teaching Assistants: Ms. Pranshi Upadhyay and Mr. Joseph Salve Credits: 4 Course Outline: https://hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2022-2023/advanced-topics-in-cognition-course-outline-hbcse-2023.pdf	Elective Course	SCE501.2

Assessment for Enhancing Science and Mathematics Learning Instructors: Dr. Narendra Deshmukh and Dr. Kalpana Kharade Credits: 2 Course Outline: https://hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2022-2023/assessment-for-enhance-science-and-mathematics-learning.pdf	Elective Course	SCE319.2
Exploring Electrodynamics Instructor: Prof. Anwesh Mazumdar Credits: 2 Course Outline: https://hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2022-2023/exploring-electrodynamics-course-outline.pdf	Elective Course	SCE320.2



(Prof. Sanjay Chandrasekharan)
 Course Coordinator, HBCSE



(Prof. Arnab Bhattacharya)
 Convener, SBSE