



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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HBCSE Graduate Courses

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

Academic Year 2016-17

Graduate Courses for January-April 2017

The following graduate courses are being offered in the January to April semester of the academic year 2016-17.

Course Details	Course Type	Course Number
Philosophy of Science Instructor: G. Nagarjuna Credits: 2 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/philosophy-of-science-course-outline.pdf	Core Course	SCE105.2
Methods of Science and Mathematics Education Research Instructors: Shweta Naik, Sugra Chunawala and H. C. Pradhan Credits: 4 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/rsearch-methods-2017jan-v3.pdf	Core Course	SCE102.2
Teaching practice and school internship / design of learning resource Instructors: Shweta Naik & Shubhangi Bhide Credits: 4 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/teaching-practice-sn-sb-2017-2.pdf	Core Course	SCE103.2
Philosophy of Education Instructor: Abhijeet Bardapurkar Credits: 4 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/poe-2017-hbcse-revised.pdf	Foundational Elective Course	SCE201.2

<p>Advanced Topics in Cognition Instructor: Sanjay Chandrasekharan Credits: 4 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/advanced-topics-cognition.pdf</p>	<p>Elective Course</p>	<p>SCE501.2</p>
<p>Perspectives on socioscientific issues education (Reading course) Instructors: Aswathy Raveendran and Sugra Chunawala Credits: 2 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/course-outline-perspectives-on-socioscientific-issues-education.pdf</p>	<p>Elective Course</p>	<p>SCE307.2</p>
<p>Academic writing Instructor: Dr. Devasmita Chakraverty (University of Virginia, USA) Credits: 2 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/syllabus-academic-writing-june-july-2017.pdf</p>	<p>Elective Course (Short Course)</p>	<p>SCE601.2</p>

(Prof. Sugra Chunawala)
Dean, HBCSE faculty and Course Coordinator

(Prof. K. Subramaniam)
Convener, Subject Board for Science Education