



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 August-December 2016

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

Course Details	Course Type	Course Number
Cognition, Cognitive Development, Learning Theories Instructor: Sanjay Chandrasekharan Credits: 4 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/cognition-cognitive-development-learning-theories	Core Course	SCE106.2
History of Science Instructors: Ankush Gupta and Rutwik Thengodkar Credits: 2 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/history-of-science-2016-course-outline.pdf	Core Course	SCE104.2
Introduction to Science, Technology and Mathematics Education Research (Literature) Instructors: Shubhangi Bhide and Aniket Sule Credits: 2 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/introduction-to-stme-research.pdf	Core Course	SCE101.2
Research Methodology: Research Methodologies in Education Instructor: Sugra Chunawala Credits: 4 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/research-methodologies-in-education-core-course	Core Course	SCE401.2

<p>Essential Readings in Mathematics Education Research Instructors: K Subramaniam and Shweta Naik Credits: 4 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/essential-readings-in-mathematics-education-research-1</p>	<p>Elective Course</p>	<p>SCE306.2</p>
<p>Readings in Chemistry Education Research Instructors: Savita Ladage and Arvind Kumar Credits: 4 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/readings-in-chemistry-education-research.pdf</p>	<p>Elective Course</p>	<p>SCE305.2</p>
<p>Introduction to Physics Education Research (PER) Instructor: Rajesh B. Khaparde Credits: 4 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/intro-physics-edu-res-2016.pdf</p>	<p>Elective Course</p>	<p>SCE304.2</p>
<p>Introduction to Science Technology Society Environment Education Instructors: Aswathy Raveendran and Sugra Chunawala Credits: 2 Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/proposed-outline-for-course-on-introduction-to-science-technology-society-environment-education</p>	<p>Elective Course</p>	<p>SCE303.2</p>
<p>Social aspects of education Instructor: Kishorkumar Darak Credit: 1 (Short Course) Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/social-aspects-of-education</p>	<p>Elective Course</p>	<p>SCE301.2</p>
<p>History of Education Instructor: Prof. N. Varadarajan Credits: 2 (Short Course) Course Outline: https://www.hbcse.tifr.res.in/graduate-school/graduate-courses/academic-year-2016-2017/history-of-education</p>	<p>Elective Course</p>	<p>SCE302.2</p>



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



(Prof. K. Subramaniam)
Convener, SBSE