



HOMI BHABHA CENTRE FOR SCIENCE EDUCATION

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

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होमी भाभा विज्ञान शिक्षा केन्द्र

टाटा मूलभूत अनुसंधान संस्थान

वी.एन. पूरव मार्ग, मानखुर्द, मुम्बई - 400088

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## HBCSE Graduate Courses

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

Academic Year 2023-24

### Graduate Courses for January-April 2024

The following graduate courses are being offered via classroom teaching & hybrid mode in the January to April semester of the academic year 2023-24.

Course Details	Course Type	Course Number
Research Methodology: Qualitative & Quantitative Methods in Science & Mathematics Education Research Course Number: SCE102.2 Instructors: Prof. Aniket Sule & Dr. Durgaprasad Karnam Credits: 4 Course Outline: <a href="https://www.hbcse.tifr.res.in/academic/graduate-school/graduate-courses/academic-year-2023-2024/research-methods.pdf">https://www.hbcse.tifr.res.in/academic/graduate-school/graduate-courses/academic-year-2023-2024/research-methods.pdf</a>	Core Course	SCE102.2
History of Science Course Number: SCE104.2 Instructors: Prof. Ankush Gupta and Dr. Sathish C. G. Credits: 2 Course Outline: <a href="https://www.hbcse.tifr.res.in/academic/graduate-school/graduate-courses/academic-year-2023-2024/history-of-science_2024-course-outline.pdf">https://www.hbcse.tifr.res.in/academic/graduate-school/graduate-courses/academic-year-2023-2024/history-of-science_2024-course-outline.pdf</a>	Core Course	SCE104.2
Gender in STEM Education Research Course Number: SCE605.2 Instructor: Prof. Ayush Gupta Credits: 4 Course Outline: <a href="https://www.hbcse.tifr.res.in/academic/graduate-school/graduate-courses/academic-year-2023-2024/gender-in-stem-education-research-syllabus_updated.pdf">https://www.hbcse.tifr.res.in/academic/graduate-school/graduate-courses/academic-year-2023-2024/gender-in-stem-education-research-syllabus_updated.pdf</a>	Elective Course	SCE605.2

(Prof. Sanjay Chandrasekharan)  
Course Coordinator, HBCSE

(Prof. Arnab Bhattacharya)  
Convener, SBSIE