



**PG CERTIFICATE COURSE IN COMPUTATIONAL HUMANITIES**  
**Centre for Translation and Digital Humanities**  
**Ravenshaw University**

Admission to this course is conducted by Ravenshaw University. Selection of candidates is done on merit basis, based on the marks of the last qualifying examination. Candidates are required to visit the Ravenshaw University website ([www.ravenshawuniversity.ac.in](http://www.ravenshawuniversity.ac.in)) to apply for admission.

**Seat strength: 16**

**Minimum Eligibility Criteria:** The candidate must have at least 50% of marks in Graduation in English / Hindi / Odia / Sanskrit. Students with at least 50% of marks in Graduation in any other subject but with proven expertise in any of the four aforesaid languages may also apply. Applicants are expected to have functional knowledge in MS Office and reading fluency in at least two of the aforesaid languages.

**Application Fees: 500/-INR**

**Admission Fee: 4,090/- INR**

**About the Course:** Humanities scholars are normally trained in close reading of texts. But close reading, as a research practice, is solitary in nature and is based on subjective analysis. This skill-oriented course has been planned in the context of the recent widespread phenomenon of large digital libraries constituted by varied kinds of texts in several languages, and is specially designed to train students to make the best use of their core skills in close reading to address linguistic and literary problems based on objective analysis with the aid of computational tools. This course on Computational Humanities includes introductory modules on the core activities involved in two major disciplines namely linguistics and computation. For practical assignments in each unit of this course students will be taught to use digital texts (in English / Hindi / Odia / Hindi / Sanskrit language) as well as prepare digital transcripts of ancient manuscripts (mainly in Odia and Devanagari scripts) for data mining. The assignments have been included in the order of the complexities involved as the course advances.

**Objectives of the course:** (i) To train students in computer-based methods to visualise and analyse information in the textual universe (ii) To train students in creating digital objects / texts using computation; such digital artifacts are to be used for further research

**Learning outcomes:** By the end of the course, students are expected to develop skills in natural language processing, machine translation and language technology.

**Duration of the Course:** One year, comprising two semesters

**Mode of Teaching:** Regular mode with theory and practical classes

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