



Introduction to Digital Humanities : Cultural Analysis in the Digital Age A workshop

9th – 13th December, 2019

Organized By

Department of Humanities
and Social Sciences
Indian Institute of Engineering,
Science and Technology,
Shibpur Howrah-711103,
West Bengal, India



Department of Humanities and Social Sciences

The Department of Humanities and Social Sciences, formerly the Department of Humanities in the erstwhile B. E. College, later deemed University and then a State University and now a Central Institute has been known for foundational work in the area of English Studies and the Social Sciences. It was set up in 1948, soon after the nation gained independence from colonial rule. The department is known for interdisciplinary research in widely varying areas of the arts and social sciences. It has been offering courses which are secular and speculative in nature, ones which have consistently attempted to arouse criticality in thinking.

The Department is known for teaching and research collaboration with national and international universities, institutes and organizations in English language and literature, theatre and the performing arts, foreign languages like German and French, economics, financial and marketing management, cultural anthropology, sociology of science and technology and policy studies.

About the Course:

This course will provide a survey of the emerging field of digital humanities with an emphasis on text analysis as an approach to the study of literature and culture. It is a truism that computers have changed our lives and the way we think and interact. But in fact, systematic efforts to apply current technologies to the study of history and culture have been rare. This course will enable students to consider how these technologies might transform the humanities. We will explore the various ways in which ideas and data in the humanities can be represented, analyzed, and communicated. We will also reflect on how the expansion of information technology has transformed and is continuing to transform the humanities, both with regard to their role in the university and in society at large.

Readings and classwork will be supplemented by a daily lab-session where we will try out basic text-analytic techniques. Any class notes will be uploaded on the course website in the form of Jupyter notebooks. Sample corpora to be used in class will be in the files section.

Coordinators:

Prof. Mallika Ghosh Sarbadhikary

Department of Humanities and Social Sciences

Prof. Ankita Pramanik

Department of Electronics and Telecommunication Engineering.

How to Apply:

1. For registration, a Demand Draft of 3000 INR has to be drawn in favour of CONTINUING EDUCATION CENTRE-BESUS
A/C no.1532010011963, UBI BESUS BRANCH
2. Please fill in the Google registration form:
https://docs.google.com/forms/d/e/1FAIpQLSe72mk2R6InnsGi_KxkkzHw468WSQVOIFyeYuMXQi27Jb965g/viewform?usp=sf_link
3. Please write your Name, Affiliation and Mobile number at the back of the DD and send the DD via speed post to
Prof. Mallika Ghosh Sarbadhikary
Department of Humanities and Social Sciences
Indian Institute of Engineering, Science and Technology, Shibpur
Howrah-711103,
West Bengal, India
to complete the registration process.
4. The DD should reach IEST, Shibpur latest by 22.11.2019 (Friday).

Contact us:

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Workshop at a glance:

Venue : Department of Humanities and Social Sciences

Date : 9th to 13th December, 2019

Time : 11 am to 5 pm



Resource person:

Anupam Basu is a faculty in the Department of English, Washington University in Saint Louis, 2016 – present. He was previously the University's Mark Steinberg Weil Postdoctoral Fellow in Digital Humanities, 2012 –201. He got his Ph.D. in English from the University of Wisconsin-Madison. 2011 and his dissertation was on *Rabblement of Rascals: Representing Crime and Social Change in Early Modern England*.



Basu has been steadily involved in Digital Projects. One of them was called Early Modern Print: Text Mining Early Printed English. It is a portal for the exploration and large-scale analysis of the EEBO-TCP corpus. It later became the basis for a collaboration on a Mellon grant – Building an Early Modern Lab – and an ACLS grant – Enhancing Scholarly Use of the Corpus of Early Modern Print. The next was titled, Texture: A Large-Scale Text Analysis Library for Humanists. It is a Python programming library for that implements a wide range of text analysis tasks and algorithms commonly used by humanities scholars working with large corpora. The third was titled, Lattice: Visualizing Linguistic Variation in Early English Texts. It is a platform for visualizing linguistic variation with DocuScope data.

Anupam Basu has published widely and given invited talks and presented at conferences. His monograph in progress is titled, *The Well-Wrought Algorithm: Form, Scale, and Computation*. He was also a Visiting Faculty at the University of California-Davis, 2019, University of Cambridge, 2018 and Folger Shakespeare Library, 2017.



How To Reach:

Avail Bus/ Taxi to IEST (BE College) 1st Gate.

Buses from Howrah:

B.Garden Mini, 55

Buses from Sealdah:

Dhamakhali/Sealdah - B.Garden.

From Exide (Rabindra Sadan) Metro.

Barasat B.Garden/ 213/1/any bus to B.Garden.