

**Department of Computer Science**  
**Introduction to South Asia**  
**B-2: *Computing in South Asia***

**Duration:** Fridays, 11 am – 1 pm; 24 April – 04 May 2017

**Credits:** 1

**Course Instructors:** Prof Manohar Lal

**Note:** The course is limited to a maximum of 25 students on a first-come-first-served basis. The course will not be offered if a minimum of ten students have not opted for it.

**Course Structure**

**Part 1: Introduction:** Historical, philosophical and cultural aspects of computing in South Asia

**(1 lecture)**

**Part 2: Basics of digital (academic) discipline, including Humanities & social sciences, with applications to South Asian studies:** Digital resources: brief history of development, tools for creation and accessing the digital resources. Elements of linguistics for understanding of digital resources.

**(2**

**lectures)**

**Part 3: Basics of Social & Cultural Informatics with applications to South Asia:** Interdisciplinary nature of informatics involving social and cultural aspects of digitization and computing. Introductory information theory & Informatics. Socio-technical systems. Issues and challenges regarding the design, use, configuration, and/or consequences of information and communication technologies vis-à-vis being actually workable/usable for people.

**(3 lectures)**

**Plus Computer Lab, once a week, on use of relevant software & tools including statistical packages.**

**Assessment Criteria:**

(50% continuous evaluation + 50% end-semester exam)

1. Surprise Quiz / test – 05 + 05 marks
2. Assignments - 10 marks
3. Class attendance and interaction during class – 05 marks
5. End Semester Examination – 25 marks

**References:**

**For Part 2:**

Schriebman et al, (eds.) *Companion to Digital Humanities*

**For Part 3:**

Kling, Rob, Howard Rosenbaum and Steve Sawyer, *Social Informatics: A Framework for Studying and Teaching the Human Contexts of Information and Communication Technologies*