



**FIRST/ SECOND SEMESTER 2023-2024**

Course Handout Part II

11-08-2023

In addition to part-I (General Handout for all courses appended to the time table) this portion gives further specific details regarding the course.

*Course No.* : HSS F247  
*Course Title* : Social Informatics  
*Instructor-in-Charge* : Santosh Mahapatra

**Scope and Objective of the Course:**

A multi-disciplinary course, it aims to enable the participants to explore the use of information technology in sociocultural contexts. Computerisation and proliferation of information technology in various aspects of human life calls for investigation into their impact on society and social relationships. The course will be driven by theories from fields such as computer science, sociology, anthropology, economics, political science, education and psychology. The classroom pedagogy will involve discussions, analysis of case studies and short presentations.

**Textbooks: (The following links contain articles and essays that will be used as the reading materials for the course.)**

1. <https://rkcsi.luddy.indiana.edu/about/social-informatics/>
2. <https://www.tandfonline.com/doi/full/10.1080/01972243.2022.2092570>
3. <https://rb.gy/d61kk>
4. <https://deepblue.lib.umich.edu/handle/2027.42/111201>
5. <https://www.york.ac.uk/sei/equitable-tech/>
6. [http://epgp.inflibnet.ac.in/epgpdata/uploads/epgp\\_content/S000032SW/P001726/M021433/ET/1501501424Module2-CommunityandIdentity-Text.pdf](http://epgp.inflibnet.ac.in/epgpdata/uploads/epgp_content/S000032SW/P001726/M021433/ET/1501501424Module2-CommunityandIdentity-Text.pdf)
7. <https://www.sciencedirect.com/science/article/pii/S245195882200001X>
8. <https://www.egyankosh.ac.in/bitstream/123456789/46321/1/Unit-16.pdf>
9. <https://journalofbigdata.springeropen.com/articles/10.1186/s40537-016-0059-y>
10. <https://www.bbc.co.uk/sounds/play/p003k9fc>
11. <https://www.britannica.com/technology/artificial-intelligence>
12. <https://www.philadelphia.edu.jo/academics/lalqoran/uploads/A-Gift-of-Fire-4thEd-2012.pdf>

**Course Plan:**

Lecture No.	Learning objectives	Topics to be covered	Chapter in the Text Book
1	Develop an	Intro to Social Informatics;	<a href="https://">https://</a>



	understanding of social informatics as a concept and its evolution	Evolution of Social Informatics- India and Global	<a href="http://rkcsi.luddy.indiana.edu/about/social-informatics/">rkcsi.luddy.indiana.edu/about/social-informatics/</a>
2	Explain right to information and the politics of consent	Right to Information and Consent of the Networked	<a href="https://rb.gy/d61kk">https://rb.gy/d61kk</a>
3	Demonstrate a critical ability dissect the impact of information technology	Critical Informatics	<a href="https://deepblue.lib.umich.edu/handle/2027.42/111201">https://deepblue.lib.umich.edu/handle/2027.42/111201</a>
4	Analyze the scope of infrastructure and the conditions to making information technology equitable	Infrastructure and Equitable Information Technology	<a href="https://www.york.ac.uk/sei/equitable-tech/">https://www.york.ac.uk/sei/equitable-tech/</a>
5	Explain how individual and social identities are shaped by information technology	Identity and Community	<a href="http://epgp.inflibnet.ac.in/epgpdata/uploads/epgp_content/S000032SW/P001726/M021433/ET/1501501424Module2-CommunityandIdentity-Text.pdf">http://epgp.inflibnet.ac.in/epgpdata/uploads/epgp_content/S000032SW/P001726/M021433/ET/1501501424Module2-CommunityandIdentity-Text.pdf</a>
6	Explain the psychology of hackers and the preventive measures against hacking	Hackers and Hacking	<a href="https://www.sciencedirect.com/science/article/pii/S245195882200001X">https://www.sciencedirect.com/science/article/pii/S245195882200001X</a>  <a href="https://www.philadelphia.edu.jo/academics/lalqoran/uploads/A-Gift-of-Fire-4thEd-2012.pdf">https://www.philadelphia.edu.jo/academics/lalqoran/uploads/A-Gift-of-Fire-4thEd-2012.pdf</a> (5.2)
7	Evaluate ethics, law and policies related to ICT	Ethics, Law, and Policy related to ICT	<a href="https://www.egyankosh.ac.in/bitstream/123456789/46321/1/Unit-16.pdf">https://www.egyankosh.ac.in/bitstream/123456789/46321/1/Unit-16.pdf</a>
8	Explain big data and critically evaluate privacy and surveillance	Big Data; Privacy and Surveillance	<a href="https://journalofbigdata.springeropen.com/articles/10.1186/s40537-016-0059-y">https://journalofbigdata.springeropen.com/articles/10.1186/s40537-016-0059-y</a>
9	Explain AI and its	Artificial Intelligence and	<a href="https://www.bbc.co.uk/">https://www.bbc.co.uk/</a>



	impact on the social structure	impact on Social structure	<a href="https://www.britannica.com/technology/artificial-intelligence">sounds/play/p003k9fc</a>  <a href="https://www.britannica.com/technology/artificial-intelligence">https:// www.britannica.com/ technology/artificial- intelligence</a>
10	Analyze how consumer data are commercialized	Commercialization of Social Informatics	<a href="https://arekskuza.com/the-innovation-blog/data-commercialization-and-data-monetization/">https://arekskuza.com/ the-innovation-blog/data- commercialization-and- data-monetization/</a>

### Evaluation Scheme:

Component	Duration	Weightage (%)	Date & Time	Nature of Component
Assignment 1	In-class	15	TBA	Open book
Mid-sem Exam	90 minutes	30	13/10 - 4.00 - 5.30PM	Open book
Assignment 2	NA	15	TBA	Open book
Comprehensive Exam	180 minutes	40	19/12 AN	Open book

**Chamber Consultation Hour:** 4 pm, Friday(s)

**Notices:** The course notices will be shared through ERP.

**Make-up Policy:** Make-up will be given in genuine cases.

**Academic Honesty and Integrity Policy:** Academic honesty and integrity are to be maintained by all the students throughout the semester and no type of academic dishonesty is acceptable.

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**INSTRUCTOR-IN-CHARGE**

