Course Name – Sociology of Science, Technology and Digital Society
Course Code – SC-C-302
Credits – 4

Faculty Name - Anurag Mazumdar
Faculty Biography (maximum three to four sentences) **-** Anurag Mazumdar is a critical human geographer and an Assistant Professor in the Jindal School of Liberal Arts and Humanities. His interdisciplinary scholarly and political work examines how algorithmic governance in urban spaces of the majority world shape and are reshaped by labouring communities, particularly looking at how digital platform-based gig workers live, contest and reconstitute overdetermined digital futures. His areas of research are urban and digital geography, mobility studies, labour histories and class relations.

Course Description - The contemporary era has been witnessing rapid technological change at an unprecedented pace. Technological and digital innovations have altered virtually all forms of social life today, be it medical practices through automotive innovations in surgical procedures; or state security and surveillance through forensics, cyber surveillance, incorporation of AI and big data for predictive policing; or everyday household work through smart home appliances like robot vacuums and home devices like Alexa. While some have embraced technological innovations to celebrate its productive potential, and ability to alter the way we do things on an everyday basis, others have raised concerns about its disruptive potential affecting jobs, livelihood, privacy and security. This course will engage with contemporary discourses on innovation by taking a closer look at the sociology of science and technology. We will reflect on the relationship between science, technology and society and look at innovations as essentially emerging out of social process, from human wants and desires. We will explore how various social processes like class, caste, gender affect innovation and the acceptance of technology in our everyday lives. This course explores how cultures and social systems influence the design and use of technology as well as how technology in turn influences social behaviour and practices.

Prerequisites- None. The course is intended for students as follows:
Core/Compulsory: BA (Socio) 2024
Elective: BFA (2024), BALH (2023, 2024) and all other schools (since it is listed as a cross-elective).

Scheme of Evaluation and Grading – Internal – 60%, External – 40%

JSLH approves the use of this rubric for FINAL ASSESSMENT grading as indicated below:

O (80% and Above) [8.0]	Outstanding	Exceptional knowledge of the subject matter, thorough understanding of issues; ability to synthesize ideas, rules and principles and extraordinary critical and analytical ability
A+ (75%-79%) [7.5]	Excellent	Sound knowledge of the subject matter, thorough understanding of issues; ability to synthesize ideas, rules and principles and critical and analytical ability
A (70%-74%) [7.0]	Very Good	Sound knowledge of the subject matter, excellent organizational capacity, ability to synthesize ideas, rules and principles, critically analyse existing materials and originality in thinking and presentation
A- (65%-69%) [6.0]	Good	Good understanding of the subject matter, ability to identify issues and provide balanced solutions to problems and good critical and analytical skills
B+ (60%-64%) [5.0]	Fair	Average understanding of the subject matter, limited ability to identify issues and provide solutions to problems and reasonable critical and analytical skills. Average understanding of the subject matter, limited ability to identify issues and provide solutions to problems and reasonable critical and analytical skills
B (55%-59%) [4.0]	Satisfactory	Adequate knowledge of the subject matter to go to the next level of study and reasonable critical and analytical skills
B- (50%-54%) [3.0]	Acceptable	Limited knowledge of the subject matter and

		irrelevant use of materials and, poor critical and analytical skills
P1 (45-49.9) [2]	Marginal	Poor comprehension of the subject matter; poor critical and analytical skills and marginal use of the relevant materials.
P2 (40- 44.9) [1]	Very marginal	Bare minimum comprehension of the subject matter; incoherent articulation.
F	Fail	Course needs to be repeated. Level of understanding is well below required standard of critical and creative thinking.