

Programme	B.S. (4-years), Communication Studies	Course Code	BSCS-403	Credit Hours	3
Course Title	Data Journalism				
Course Introduction					
The course aims at making students capable of: <ul style="list-style-type: none"> • Understanding and knowing the data sources for research • Exploring and cleaning data and applying Data Analysis • Finding insights and patterns from data and creating Visuals from the data and Storytelling through data 					
Learning Outcomes					
At the end of this course, the students will be able to: <ul style="list-style-type: none"> • Understand Data Management and use data in different Media Platforms • Apply Data Management Techniques with the help of various Online Tools 					
Course Content					
Week 1	1. Introduction to the course and work plan; Addressing preconceptions and storytelling with data				
Week 2					
Week 3					
Week 4	2. Online Data Resources: Searching and presenting using online resources, Data Mapping and Mining				
Week 5					
Week 6	3. Finding Local Data Stories, Data Literacy, Analysis and Visualization				
Week 7					
Week 8					
Week 9	4. Data Cleaning, Concept of Outliers, Normal Level Distribution				
Week 10					
Week 11	5. Data and Visual presentation: Basic of illustration, Visualization tool, Presentation Tools and Tactics, Developing Data Graphics				
Week 12					
Week 13					
Week 14	6. Story Telling and Data: Data for stories Finding Trends, Patterns and Stories, Data in Newsrooms, Beat Reporting: Sources and more				
Week 15					
Week 16					
Textbooks and Reading Material					
<p>“The Data Journalism Handbook” (First Edition)</p> <p>Weblink: http://datajournalismhandbook.org/1.0/en/</p> <p>“Finding Stories In Spreadsheets” by Paul Bradshaw</p> <p>“The Functional Art” by Alberto Cairo</p>					
Teaching Learning Strategies					
<ol style="list-style-type: none"> 1. Lectures 2. In-Class Activities 3. Written Assignments 					
Assignments: Types and Number with Calendar					

1. Class Participation
2. Attendance
3. Presentations
4. Attitude & Behavior
5. Hands-on Activities
6. Short Tests
7. Quizzes

Assessment

Sr. No.	Elements	Weightage	Details
1.	Midterm Assessment	35%	Written Assessment at the mid-point of the semester.
2.	Formative Assessment	25%	Continuous assessment includes: Classroom participation, assignments, presentations, viva voce, attitude and behavior, hands-on-activities, short tests, projects, practical, reflections, readings, quizzes etc.
3.	Final Assessment	40%	Written Examination at the end of the semester. It is mostly in the form of a test, but owing to the nature of the course the teacher may assess their students based on term paper, research proposal development, field work and report writing etc.