OBJECTIVES

- Developing the aptitude and knowledge in handling the data's through news articles
- Understanding the structure, format of data interpretation and writing.

UNIT I  INTRODUCTION TO DATA JOURNALISM
Define Data journalism, Perspective, Need of the data in news reports, Why journalists use data, Flow of Data's in the news, Future of Data Journalism, Essentials Kits needed for data journalists, Dealings with data deluge, updating data skills, Providing interpretation for Data information’s. Importance of Computer Assisted Reporting.

UNIT II  DATA JOURNALISM IN NEWS ROOM
Understanding data’s, usage of data journalism in the news room, simple tools, mining the data, understanding issue, team overview, data journalism applications, software's, business models of data journalism. Case studies, find data developers, brainstorming ideas, implement on paper and web, publishing the data’s.

UNIT III  GETTING THE DATA
Stream lining search, getting data’s from forum, mailing list, hackers, experts, getting data from web, machine readable data, web as a data source, tools, web pages, emails, trends, crowdsourcing data at the guardian data blog, using and sharing the data: the black letter, fine print and reality.

UNIT IV  UNDERSTANDING AND DELIVERING DATA
Data collection, reliability of data, steps to working with data, starting with the data, Data stories, data journalists discussions, visualization of data, sense of using the data, compiling data. Delivering Data: Presenting data to public, Publishing the data, opening up the data, making a data human, open data, open source, designing data, data visualization tools, serving the data’s, engaging people around the data, representation of data in news reports.

UNIT V  PRACTISING DATA JOURNALISM
Review of previous reports on data journalism, finding the news items for data reporting, taking surveys, entering data, analyze and interpretation of data, Statistical techniques for journalism. Writing news articles with data interpretation.

TOTAL: 45 PERIODS

OUTCOMES

- Student understand the importance of using data in news reports
- Students gather knowledge on implementing and writing the different data’s in news.

TEXTBOOKS
1. The Data Journalism Handbook, edited by Jonathan Gray, Liliana Bounegru, Lucy Chambers
2. Data for the Public Good, By Alex Howard
3. Practising Journalism: Values, Constraints, Implications edited by Nalini Rajan

REFERENCES
1. Journalism of Ideas: Brainstorming, Developing, and Selling Stories in the Digital Age, By Daniel Reimold
3. Digital Journalism: Emerging Media and the Changing Horizons of Journalism edited by Kevin Kawamoto