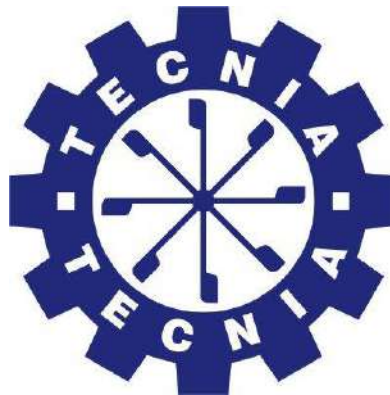


Course Module
For
Value Added Course
Certificate Course in Data Journalism

Offered by
Department of Journalism and Mass Communication
(Session: 2023-24)



TECNIA INSTITUTE OF ADVANCED STUDIES
GRADE "A" INSTITUTE

| Approved by AICTE, Ministry of Education Govt. of India, Affiliated to GGSIP University
Recognized Under Sec. 2(f) of UGC Act 1956

INSTITUTIONAL AREA MADHUBAN CHOWK, ROHINI, DELHI 110085

Tel:91-11-27555121-24, E-Mail : directortias@tecnia.in, Website: www.tiaspg.tecnia.in



Course Module

Value Added Course

Course Module Structure

| Sr. No. | Content Deliverance (30 hours) | Learning Outcomes |
|---------|---|--|
| 1 | Introduction to Data Journalism (3hrs) | Learners would be able to understand the role of data journalism in modern journalism |
| 2 | Ethics and best practices in data journalism (2hrs) | Learners would be able to comprehend the morally responsible practises in data journalism |
| 3 | Data Collection and Cleaning (4hrs) | Learners would be able to identify credible data sources along with cleaning and organizing it |
| 4 | Data Analysis and Interpretation (6hrs) | Learners would be able to analyse qualitative and quantitative data |
| 5 | Data Visualization (4hrs) | Learners would be able to use charts, graphs, and maps to convey information |
| 6 | Storytelling with Data (2hrs) | Learners would be able to present data-driven stories across different media platforms |
| 7 | Data Journalism and Investigative Reporting (4hrs) | Learners would be able to utilize data for investigative reporting |
| 8 | Data Journalism Ethics and Legal Considerations (2hrs) | Learners would be able to understand Legal issues and challenges in using data for journalism |
| 9 | Case Studies in Data Journalism (3hrs) | Learners would be able to examine successful data journalism projects |

Total Duration required: 30 Hours

Evaluation Pattern: On the basis of Quiz test, Discussions and Activities, Class Presentation followed by Viva Voce

References:

1. [Digital Investigative Journalism: Data, Visual Analytics and Innovative Methodologies in International Reporting](#), Oliver Hahn and Florian Stalph.
2. [Journalism in the Data Age](#), Dr. Jingrong Tong.
3. Bradshaw P. (2018). Data journalism teaching, fast and slow. *Asia Pacific Media Educator*, 28(1), 55–66. <https://doi.org/10.1177/1326365X18769395>.
4. Anderson C. W. (2018). *Apostles of certainty: Data journalism and the politics of doubt*. Oxford University Press.