Date: 07th – 18th November, 2022
Program Coordinator: Dr. Nirmal Kumar Mandal
(Mechanical Engineering Dept.)

RATIONALE OF THE FDP

The majority of experts in the subject of data science agree that it can be characterized as the fusion of computer science, technology, mathematics, statistics, and domain expertise with the aim of deriving knowledge and value from data. The broad areas of data science are design, systems, analytics and values. Practice connects these four areas as a fifth area. Together, these fields describe particular competence which is essential to every data scientist and which are frequently isolated and unconnected in academic settings. Nowadays, each new field is intrinsically interdisciplinary, in contrast to established disciplines, bringing together many and occasionally opposing viewpoints around a similar subject. Data science has a special quality that sets it apart from traditional disciplines: these fields are fundamentally multidisciplinary and pluralists in nature. The salient features of this special FDP are as follows:

- Data Mining
- Statistical Analysis in Data Science
- Data Visualization
- Various Machine Learning approaches
- Multi-variable and Logistic Regressions
- Wavelet Analysis
- Dimensionality Reduction Technique
- Naïve Bayes Classifier

Application Link: https://forms.gle/dzfpvkUD78zakW7Y8