

## **22CS805 Behavioural Analytics using Machine and Deep Learning Algorithms 1 Cr**

The course will run as a series of seminars to be presented by the research scholar. The topics for the seminar will be the following.

1. Literature survey will be performed on user behaviour analysis based on deep learning Techniques, current models and applications. The findings and detailed survey will be presented.
2. Recent trend analysis on datasets used for behavioural analytics with various attacks and technical tactic.
3. Pre-processing on data sets being used for behavioural analytic.
4. Various use cases explored for behavioural analytics for Cyber Security
5. Implementation of a standard paper for Behavioural Analytics for Cyber Security.
6. Risk Aware Behavioural Analytics implementation from Industry Leading UBEA products.

The performance of the student in the seminar will be evaluated by a panel of examiners to be appointed by the Doctoral committee.

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