Information Retrieval
Lecture PPTs

Sr. No.	Module	PPTs
1	**Introduction to Information Retrieval** Introduction to Information Retrieval, Basic Concepts, Information Versus Data, Trends and research issues in information retrieval The retrieval process, Information retrieval in the library, web and digital libraries.	Introduction Lecture Lecture Precision and Recall
2	**Modeling in Information Retrieval** Taxonomy of Information Retrieval models, Classic Information Retrieval, Alternate set: Theoretical model, Alternative Algebraic models, Alternative Probabilistic models Structured text Retrieval models, Models for browsing	Models in IR Problems Problems on Boolean Model Problems on Vector Model: 1, 2 Extended Models
3	**Query and Operations in Information Retrieval** Query structures, Keyboard based querying, Pattern matching, Structured queries User relevance feedback, Automatic local analysis, Automatic global analysis	
4	**Indexing and Scoring in Information Systems** Introduction, Inverted Files, Other Indices for Text, Boolean queries and Introduction to Sequential searching Scoring, term weighting and the vector space model, Parametric and zone indexes, Weighted zone scoring, Learning weights, The optimal weight, Term frequency and weighting, Inverse document frequency, Tf-idf weighting. The vector space model for scoring, Queries as vectors, Computing vector scores, Efficient scoring and ranking, Inexact top K document retrieval	Lecture Indexing and Querying Querying and Ranking
5	**Evaluation of Information Retrieval Systems** Information retrieval system evaluation, Standard test collections, Evaluation of unranked retrieval sets, Evaluation of ranked retrieval results, Assessing and justifying the concept of relevance System quality and user utility, System issues, Refining a deployed system	
6	**Applications of Information Retrieval Systems** Introduction to Multimedia Information Retrieval Introduction to Distributed Information Retrieval	