Sardar Vallabhbhai Patel Institute of Technology-Vasad, TYIT-1, Sem VI 2018-19 EVEN SEM
DCDR- ALA

Sr no	Enrollenment	Topic
1	160410116001 160410116002 160410116003 160410116004	Compression Techniques :Lossless Compression , Lossy Compression ,Measures of Performance, Uniquely Decodable Codes
2	160410116005 160410116006 160410116007 160410116008	Huffman Coding and Minimum Variance Huffman Codes
3	160410116009 160410116010 160410116011 160410116012	Adaptive Huffman Coding
4	160410116013 160410116014 160410116015 160410116017	Golomb Codes Rice Codes,Tunstall Codes
5	160410116018 160410116019 160410116020 160410116021	Arithmetic Coding
6	160410116022 160410116023 160410116025 160410116026	The LZ77 Approach
7	160410116027 160410116028 160410116030 160410116031	The LZ78 Approach
8	160410116032 160410116033 160410116034 160410116035	Prediction with Partial match
9	160410116037 160410116038 160410116039 160410116041	The Burrows-Wheeler Transform: Move-to-front coding

10	160410116042 160410116043 160410116044 160410116045	LZW-A variation of LZ78
11	160410116046 160410116048 160410116049 160410116050	Extended huffman coding
12	160410116051 160410116052 160410116054 160410116055	The Quantization Problem, Uniform Quantizer, Non-Uniform Quantizer
13	160410116056 160410116057 160410116058 160410116060	The Linde-Buzo-Gray Algorithm
14	160410116061 160410116062 160410116063 160410116064	Boolean retrieval ,An example information retrieval problem
15	160410116065 160410116066 160410116067 160410116068	building an inverted index, The extended Boolean model
16	160410116069 160410116070 170413116001 170413116003	The term vocabulary and postings lists Document delineation and character sequence decoding Obtaining the character sequence in a document Choosing a document unit
17	170413116006 170413116010 170413116011 170413116012	Determining the vocabulary of terms Tokenization Dropping common terms: stop words Normalization (equivalence classing of terms) Stemming and lemmatization
18	170413116015 170413116016 170413116019 170413116021	Faster postings list intersection via skip pointers Positional postings and phrase queries
19	170413116023 160413116016 150410116035	integer arithmetic coding compression and decompression algo