

**Sardar Vallabhbhai Patel Institute of Technology-Vasad,
TYIT-2, Sem VI 2018-19 EVEN SEM
DCDR- ALA**

Sr no	Enrollment	Topic
1	160410116071 160410116072 160410116073 160410116074	Compression Techniques :Lossless Compression , Lossy Compression ,Measures of Performance, Uniquely Decodable Codes
2	160410116078 160410116079 160410116080 160410116081	Huffman Coding and Minimum Variance Huffman Codes
3	160410116082 160410116083 160410116084 160410116086	Adaptive Huffman Coding
4	160410116087 160410116088 160410116089 160410116091	Golomb Codes Rice Codes,Tunstall Codes
5	160410116092 160410116093 160410116094 160410116095	Arithmetic Coding
6	160410116096 160410116097 160410116098 160410116099	The LZ77 Approach
7	160410116100 160410116102 160410116103 160410116104	The LZ78 Approach
8	160410116105 160410116107 160410116108 160410116109	Prediction with Partial match
9	160410116110 160410116111 160410116112 160410116113	The Burrows-Wheeler Transform: Move-to-front coding

10	160410116114 160410116115 160410116117 160410116118	LZW-A variation of LZ78
11	160410116119 160410116120 160410116123 160410116124	Extended huffman coding
12	160410116125 160410116126 160410116130 160410116132	The Quantization Problem, Uniform Quantizer, Non-Uniform Quantizer
13	160410116133 160410116134 160410116135 160410116136	The Linde-Buzo-Gray Algorithm
14	160410116137 160410116138 160410116139 140410116092	Boolean retrieval ,An example information retrieval problem
15	160410116141 160410116142 160410116143 160410116144	building an inverted index, The extended Boolean model
16	160410116145 160410116146 170413116002 170413116004	The term vocabulary and postings lists Document delineation and character sequence decoding Obtaining the character sequence in a document Choosing a document unit
17	170413116005 170413116007 170413116008 170413116009	Determining the vocabulary of terms Tokenization Dropping common terms: stop words Normalization (equivalence classing of terms) Stemming and lemmatization
18	170413116013 170413116014 170413116017 170413116018	Faster postings list intersection via skip pointers Positional postings and phrase queries
19	170413116020 170413116022 150410116026	integer arithmetic coding compression and decompression algo