Department of Computer Engineering

A.Y. 2024-25

**Subject:** Web Intelligence **Course Code:** DJ19CEC801

C**lass:** B.Tech. C1 **SEM:** VIII

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| Q. No. | Question Description | CO |
| Q.1 | Explain Inverted Index and Its Compression. Explain Search Using an Inverted Index with relevant example. | 1 |
| Q.2 | Draw and explain general IR system architecture. | 1 |
| Q.3 | Compute Efficient PageRank with the damping factor d=0.85 for web.  Initial Page Rank=1  Iteration=3 | 2 |
| Q.4 | Give a briefing on statistical language models. | 2 |
| Q.5 | Explain web Crawling with its types. | 2 |

Signature of Subject Faculty:

(Prof.) Sindhu Nair