



# PRAGATI ENGINEERING COLLEGE

(Autonomous)

ADB Road, Surampalem, E.G.Dt., A.P. – 533 437

(Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada, Accredited by NAAC with 'A' Grade)

(Recognized by UGC Under Sections 2(f) and 12 (B) of UGC act, 1956)

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## Student centric methods A.Y. 2022-23

| S.No. | Subject                                       | Year/Sem | Topic   | Method  |
|-------|---|----------|---|---|
|       |   |          |   | (Examples : Webinar/<br>industrial visit/ Guest<br>Lectures/ PPT) |
| 1     | Mathematical Foundations for Computer Science | II/I     | BFS & DFS Algorithm                               | One Minute Paper  |
| 2     | Software Engineering                          | II/I     | Testing & types                                   | One Minute Paper  |
|       |   |          | Negotiating Requirements, Validating Requirements | Think Pair Share  |
| 3     | Data Mining Techniques                        | III/I    | Apriori Vs FP Growth algorithms                   | PPT   |
|       |   |          | Attribute Types                                   |   |
|       |   |          | Clustering & its types                            |   |
| 4     | Computer Networks                             | III/I    | ISO – OSI Reference Model                         | One Minute Paper  |
| 5     | Automata Theory & Compiler Design             | II/II    | SDT   | One Minute Paper  |
| 6     | Operating Systems                             | II/II    | Process State Diagram                             | One Minute Paper  |
| 7     | Big Data Analytics                            | III/II   | CRUD Operations                                   | PPT   |
|       |   |          | MAP REDUCE  |   |
| 8     | Cryptography and Network Security             | III/II   | Cryptographic Attacks                             | Student Presentation  |

**Signature of In-Charge**

**HoD-IT**