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|  | **GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY** |

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| **GEOGRAPHICAL UNDERSTANDING OF TWITTER HEALTH RELATED TOPICS BY USING TOPIC MODELLING ALGORITHMS** |

**Objective**

**Understanding the medical situation beforehand in a user’s locality using twitter social media and providing useful insights using an unsupervised ML algorithm used for analysing text data. This helps in taking early precautions preventing from any epidemic.**

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| **Methodology** | **Results** |
| Schematic of LDA algorithm. | Download Scientific Diagram |  |

**The system is developed to analyse text data using an algorithm called as latent Dirichlet allocation. This helps in categorizing words based upon their importances. This way it is easy to create a word cloud which helps in getting a deeper understanding of the ongoing medical situation.**

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| **Team Members** |  | **Guide** |
| Parakala Venkata Anirudh | 19241A1238 | Dr. N. Rajasekhar, |
| Podduturi Hruthvik Reddy | 19241A1240 | Professor |
| Shaik Sohel | 19241A1251 | Department of IT |
| Thunuguntla Srichakranath | 19241A1255 |  |