**CHHATRAPATI SHIVAJI MAHARAJ INSTITUTE OF TECHNOLOGY**

**DEPARTMENT OF COMPUTER ENGINEERING**

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| **Name of the Faculty** | Er. Priyanka Jogdand | |  | | --- | |  | |
| **Designation** | Assistant professor |
| **Aadhar ID** | 2590-3776-4703 |
| **No.of B.Tech Project Guided** | - |
| **No.of M.Tech Project Guided** | - |
| **Area of Specialization** | Data Science | |
| **UG Degree** | BE (Computer Engineering) from Mumbai University | |
| **PG Degree** | 1. E (Computer Engineering) from Mumbai University | |
| **Ph.D(Persuing)** | Poornima University, Jaipur. | |
| **Total Experience** | **Teaching:12** | **Industry:** NIL |
| **No. of Journals (National & International)** | 3 | |
| **No .of Patents Published** | - | |
| **Roles and Responsibilities** | - Girl’s Sport Incharge for state level competition **I.E.D.S.S.A. (Inter Engineering Diploma student sports Association) event** from 2nd and 3rd Feb 2017 at Ta- Junner, Dist-Pune.  - State level Paper presentation and Project Exhibition from in Polytechnic college 2012-2016.  - NBA-Criteria 6 In-charge at D. Y. Patil Polytechnic College 2016.  - Participated as an INDIAN SOCIETY FOR TECHNICAL EDUCATION PROGRAMME in the summer school on N.B.A. ACCREDITATION TRAINING PROGRAMME Approved by ISTE during the summer 14th to 17th june 2016.  - Attended workshop on “Computational Intelligence” at RAIT, 21st to 27th Aug 2015. Nerul, Navi Mumbai.  - Undergone training on Short term course Induction Phase-I of National Institute of Technical Teacher’s and Research, Bhopal from 19th to 30th May 2014. | |
| **Guest Lecture Delivered** |  | |
| **FDP’s Conducted** |  | |
| **NPTEL** | NPTEL Certification in Data Analytics using Python (12 week program from 10th Jan to 4th May 2025) | |
| **Area of Interest: Data Science** | | |
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| **About My Research work** | | |
| Natural language interface for visualization is a promising area for creating visualizations in the research area as well as commercial software. Over the years, substantial work has been done on developing NLIs for querying databases (NLIDBs) showing how the context of a database can be leveraged to allow people to ask questions of their data. Several ideas presented by NLIDBs likely can be leveraged for visualization. However, designing and implementing NLIs for data analysis with visualization is arguably an even more challenging task. It requires considering several other factors including types of input modalities providing input affordances, explaining system results, among others. The Natural language interface - based visualization systems allows users to directly ask questions about their data and assist them by answering through visualizations. These tools often present a steep learning curve and require people to translate  the questions in their minds into operations or actions supported by the tool.  Choosing this area to design a NLP Tool for Generating Analytical Specifications for Data Visualization has multiple objectives like not only to reduce ambiguity level it also helps to translate the questions into tool specific actions is something that many users, particularly novices, struggle with natural language interface solves such issues by allowing users to express their questions in their own terms. | | |