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Dr. B. Sujatha

Website:<http://www.osmaniauniversity.ac.in/department/computer-science>

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## Objective

With my experience and knowledge, I would like to bring a major change in the education system by contribution of innovative ideas in the process of teaching.

## Abilities

- Balanced attitude to work
- Reliability
- Adaptability
- Commitment
- Positive self esteem and confidence
- Integrity Enthusiasm
- Ability to deal with Pressure
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## Educational Qualifications

**2009-2017** PhD-CSE , from JNTUH (Eflex systems: A Flexible and Efficient Natural language query interface to Database)

**2005-2008** Master of Technology-Computer Science and Engineering–Osmania University

**1997-2001** Bachelor of Engineering- Computer Science and Engineering–Osmania University

**1995-1997** Intermediate – Board of Intermediate, Hyderabad.

**1994-1995** Secondary School Certificates – Board of Secondary, Hyderabad.

## Papers Published

Total Papers Published in journal: **35**

Papers Published in conferences: **15**

Papers Published in journal related to PhD: **10**

National Seminars: **4**

National Workshops: **35**

Patent: 1, Federated learning based intrusion detection system; Indian Patent Office, Chennai; 201941032612A; 20/09/2019.

**2, Intelligent Shopping Card by using IoT (Internet of Things), AI (Artificial Intelligence) and ML (Machine Learning) technologies, the patent granted on 14<sup>th</sup> October 2020 and the term of patent is eight years from 16<sup>th</sup> September 2020.**  
IP RIGHT NUMBER: 2020102305, Australian Government.

## R&D Projects

Release of Grants in aid to Minor Research Project for the year 2016-17

Title: FOL based Intelligent Natural Language Interface to Knowledge Base

**Organized:** 1 Organized Infinity 2K13 in Dept. of CSE, UCE (A), OU

2. Two-day Workshop on Practical Machine Learning & Data Science (PMLEADS)  
17-18<sup>th</sup> October-2016

3. Two day national seminar on “Internet of Things (IoT) and Data analytics” held  
under TEQIP-III during 23-24<sup>th</sup> march 2018.

4. FIVE DAY ONLINE FACULTY DEVELOPMENT PROGRAM (22-02-2021 to 26-02-  
2021) on DATA SCIENCE Approved by ATAL Academy. (AICTE)

### **Present Employment**

**2013-Present** Assistant Professor, in charge for MCA course, CSE Dept, UCE, O.U, Hyd.

**2016-2018** M. Tech (Cse) (PTPG) department conveners.

**2019-2020** Mess wardens for girls hostel.

**2021-2022** M. Tech (Cse) (PTPG) department conveners.

**2007-Worked** I/C Head, Department of Informatics (MCA, M.sc (IS), BCA), Nizam College

**2003-Worked** Assistant Professor(c), Nizam College.

### **Subjects Handled**

**Programming Languages:** C, C++, Java [Core, Advanced, Enterprise], python programming, DBMS, OS.

**Networking:** Computer Networks, Socket Programming, UNIX programming, DCN, DS, web programming.

**Software Engineering:** Software Engineering, Object Oriented System Development.

**Miscellaneous:** UNIX Programming, Computer Organization, Operating System, Distributed Systems, Scripting languages and Automation Design, and DBMS.

### **Seminars and Projects**

**Seminars Given:** MANUU (1), Distance Education (subject).

**Projects Guided:** B.E, M.Tech, MCA, MSc(IS), BCA and Distance Education(Mca, pdca).

### **Achievements**

Prepared and Presented the profile of the department of informatics (MCA,MSc(IS),BCA) to the **NAAC Committee** in 2012-2013.

Appointed as **BOS member and subject** expert in St. Joseph College, Koti Womens college, and Dept of cse , Osmania University, Hyd.

**Revised syllabus** for the course BSc(CS) in the year 2006-2007, BCA ,Msc(Is), MCA,B.E(CSE), M tech(CSE) in the year 2012-13.

**Subject expert for the selection committee.**

BOS member for (UG&PG) Satavahana university, karimnagar.

PTP PTPG convener for the academic year 2017 to 19

G convener for the academic year 2021

### **Mess warden for girls hostel from 2019**

Life Member in CSI.

Member in CSTA.

Member in IEAG

Member in ACM

### **Reference Available**

**1. Prof N. Nakula Reddy, Dept of Economics, Arts college, O.U**

**2. prof S. Sameen Fathima, principal, UCE, O.U, Hyd.**