

# Sweety Jain

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## CAREER OBJECTIVE

Seeking a challenging opportunity to utilize my skills and abilities in the field of Education that offers a professional growth, while being resourceful, innovative and flexible.

## ACADEMIC CREDENTIALS

University	Program	Specialization	Year	Percentage
Rajasthan Technical University	M. Tech	Computer Science & Engineering	2015-2019	(Thesis submitted)
Rajasthan Technical University	B. Tech	Computer Science & Engineering	2011-2015	69.05%

## TECHNICAL PROFICIENCY

Programming	C, C++, JAVA, PHP, Python
Databases	MySQL, MongoDB
Packages	Microsoft Office
Operating System	Windows, Linux, Android

## PROFESSIONAL WORK EXPERIENCE (2+ years experienced)

### Head of Department - Computer, Mascot. The School, Foy-Sagar Road, Ajmer, February 2018 to February 2019

**Profile:** Senior Secondary (IX-XII) Computer Educator

**Tools:** Turbo C++, NetBeans, Anaconda (Python), Open Source Software such as Libre-Office, Python etc.

**Responsibilities:**

- Planned lessons and facilitated hands-on exercises to the students that also enhanced their extra-curricular skills.
- Conducted inter-house computer events.

### Teaching Assistant (M. Tech Scholar), Government Women Engineering College, Ajmer, February 2016 to March 2017

- Served as *Teaching Assistant* in Govt. Women Engineering College, Ajmer under TEQIP-II.

## RESEARCH PUBLICATION

- Sweety Singhal, Saurabh Maheshwari, and Monalisa Meena, **Survey of Challenges in Sentiment Analysis**, *Fifth International Conference on Advanced Computing, Networking, and Informatics (ICACNI)*, Springer (2017)
- Sweety Singhal, Saurabh Maheshwari, and Monalisa Meena, **Bagged random forest approach to classify sentiments based on technical words**, *International Conference on Recent Trends in Communication & Intelligent Systems (ICRTCIS)*, Springer (2019)

## PROJECTS

### M.Tech (2015 - 2019):

Project – 1:

**Title:** Research work on “Sentiment Analysis” (In progress)

**Description:**

As the technology is developing immensely, the measure of information is expanding day by day. This data is used by internet users who also provide feedback. They describe the product in detail and express their sentiment in the form of reviews. It is essential to explore and analyze these reviews for better decision making. To achieve this, a process called Sentiment Analysis, also known as Opinion Mining, is used. It is defined as natural language processing technique which extracts the information and identifies the users' views as positive or negative.

### **B.Tech (2011 - 2015):**

#### **Project – 1:**

**Title:** Software Project Allocation and Management with Online Marks Submission

**Technology used:** PHP, MySQL

**Description:**

The project was aimed at developing a web-based system to manage allocation of student projects and submission of test scores. It stored the data on a MySQL database in the form of tables, that included information about the students who have registered on the website either individually or as a group along with the relevant project details.

#### **Project – 2:**

**Title:** Mind Mania - Explore the Mind.

**Technology used:** PHP, MySQL

**Description:**

*Mind Mania* was created based on the pattern of a competitive exam. Users can solve various types of questions from a selection of domain, and can analyze their abilities based on the result.

### **TECHNICAL PARTICIPATION**

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- Participated in one-week workshop on "Soft Computing and Network Security" organized by Information Technology Department GWECA (November 2016)
- Participated in one-week workshop on "Cloud Computing" organized by Computer Science Department GWECA (November 2016)
- Participated in one-week STTP on "Recent Trends and Simulators for Wireless Sensor Networks" organized by Computer Science Department GWECA (October 2016)
- Participated in one-week workshop on "WEAR C TECH" organized by Computer Science Department GWECA (October 2015)

### **AWARDS & HONORS**

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- Paper published in Springer (ICACNI 2019) conference on "Bagged random forest approach to classify sentiments based on technical words" in 2019
  - Paper published in Springer (ICACNI 2017) conference on "Survey of challenges in Sentiment Analysis" in 2017
  - Rewarded with **GARGI award** in 10<sup>th</sup> standard for outstanding performance
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