

# POOJA GUJRAL

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## EDUCATION

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**Bharati Vidyapeeth's College of Engineering, New Delhi**

Bachelors in Technology

Department of Instrumentation and Control Engineering

*August 2016 - August 2020*

Cum. GPA: 8.12/10

**Bal Bharati Public School, GRH Marg, New Delhi**

Senior Secondary Education (XII)

Matriculation (X)

*2002 - 2016*

Percentage: 89

CGPA: 9/10

## INTERNSHIP AND TRAINING

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**Micromax Informatics Ltd., Gurugram, Haryana, India**

*Android App Developer Intern*

June 2019 - July 2019

*Summer Internship*

- Worked on MI-SOT (Micromax Sell-Out) android application. Learned about Sales Force Automation (SFA). Features include Workforce Management, Daily Sale-out, Insight Management, and Better Payment Methods.

**The Optimist Citizen, Madhya Pradesh, India**

*Editorial Intern*

December 2018 - March 2019

*Winter Internship*

- The nature of my work include searching positive stories of unsung heroes of the world for our media. Worked on 5+ stories and conducted interviews with the news subjects.

**Android App Development Boot Camp**

*Delhi Technological University, New Delhi*

December 2018- January 2019

*Winter Training*

- Using Java language, made native android apps on Android Studio. Design of front end and back end, and use of Google APIs were taught in a 5-day winter camp.

**Machine Learning and Artificial Intelligence**

*Bharati Vidyapeeth's College of Engineering, New Delhi*

June 2018 - July 2018

*Summer Training*

- Used Python basics to make simple programs and worked on data sets from Kaggle. Delving into face recognition and deep neural networks for data representations and task-specific algorithms.

**Embedded Systems**

*Cyborg Labs, New Delhi*

June 2017 - July 2017

*Summer Training*

- Interfacing hardware with software using different user interfaces like buttons, LEDs, touchscreen sensing, GSM and GPS modules etc. Programming was done in Embedded C to serve real-time operated environments.

## TECHNICAL SKILLS

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**Operating Systems**

Windows

**Programming Languages**

C, C++, Java

**Android App Development**

XML, Java, Firebase, Google APIs

**Web Development**

HTML, CSS

**Simulation and Math Tools**

MATLAB, Proteus ISIS 7

**Software & Tools**

MS Office, Latex,

## PROJECTS

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### **MI-SOT: Micromax Sell-Out**

Mi-Sot is an android mobile application that takes care of CRM; Worked on UI features like IMEI Sell-Out Report, Attendance Management System, and tracking of Stock Quantity.

### **FITSY: The Fitness Band**

A hardware model to measure parameters like heart rate and body temperature The circuitry involved Arduino micro-controller, sensors like LM35 and Pulse rate sensor, LCD display, resistors, and connecting wires.

### **STAT-Q: UI of Queue Detection system using Cisco Meraki Camera**

Created a prototype of the web-app for queue detection at railways, banks, hospitals etc; extracted live data feed of 7 days using machine learning models

## ACADEMIC ACHIEVEMENTS

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Finalist at Smart India Hackathon 2019 (Software Edition) by MHRD, Govt. of India in 2019.

Chairperson of Women in Engineering (WIE) Affinity Group under the Student branch of IEEE in BVCOE for academic year 2018-2019.

Publication and Documentation Head of Institute Innovation Council (IIC), BVCOE, under MHRD, Govt. of India in 2018.

Pursued German as second language during secondary school from Grade 6 to Grade 10. Completed Level A2 in German and scored A grade in Fit in Deutsch 2 examination in 2012.

Selected for a 15-day German Exchange Program at Genoveva Gymnasium, Cologne, Germany in 2017.

Achieved 98 percentile and 91 percentile in Qualitative Reasoning and Quantitative Reasoning, respectively in Problem Solving Examination conducted by CBSE, Delhi in 2014-2015.

9th Rank (80.28 percentile) in the School in the SOF- 4th International English Olympiad in 2014.

Attained 3rd position in Group Song (Folk) category (Senior girls) in Zonals by Delhi School Sports and Cultural Activities in 2014.

## EXTRA-CURRICULAR

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College Delegate at annual ISA (International Society for Automation) Power and Petroleum Meet, 2019

Co-founder and Organizer of WIEHack - a 24-hour all-women Hackathon in October 2018.

Delegate of Costa Rica at OeuvreMUN 2017 at BVCOE in April 2017.

Placement Coordinator of ICE Department for 2019-2020.

Campus Ambassador at Campus Lead program 2019 at Ernst and Young (EY) LLP, India in July 2019.

Organizer of IEEE Delhi Section Congress 2019 and IEEE Rajasthan Sub-section Congress 2020

Co-editor of Inspiring Roots, Alumni Magazine of BVCOE in 2019.

## SOCIETY MEMBERSHIPS

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Institute of Electrical and Electronics Engineers (IEEE)

International Society of Automation (ISA)