

**Nidhi Golakiya****Stream:** Bachelor of Technology in Information and Communication Technology**Batch:** 2017**Date of Birth:** 04 January, 2000

## ACADEMIC PROFILE

### Educational Details

Standard	School	Board	Year of Completion	Marks(%) / CGPA (Out of 10 e.g. 6/10)
Bachelor of Technology in Information and Communication Technology	School of Engineering and Applied Science	Ahmedabad University	Pursuing	3/4.00
HSC	Sheth D.R. Umrigar Memorial School, Surat	GSEB	2017	90
SSC	Sheth D.R. Umrigar Memorial School, Surat	GSEB	2015	92.67

### Academic Achievements

- Got scholarship for getting A1 grade in 10th class from school in 2015.
- Got scholarship from GSEB board in march, 2017.
- Won 2nd prize in inter-school quiz competition December, 2014

## INTERNSHIPS & PROJECTS

### Project

- Thalassemia Prediction at Ahmedabad University , (Duration- Feb'19 - Apr'20 )
  - Mentor- Dr. Dhaval Patel
  - Skills Used- Probability and Random Processes, Java ,Matlab
  - Summary- Created thalassemia prediction system model which predicts the probability of the child having Thalassemia. And also predicts that after how many years (in certain condition) thalassemia will be Vanished. And Plotted graph for the same.
  - Team Size- 4
  - Key Outcomes-
- Multimedia multicasting over IP at Ahmedabad University , (Duration- Sep'19 - Nov'19 )
  - Mentor- Associate Professor Shashi Prabh
  - Skills Used- Socket Programming in C
  - Summary- Made Internet Radio application that uses multicast. Developed Any Source Multicast (ASM) model. Multicast messages are identified by the multicast group address alone, and more than one sender can exist in a group. Therefore, any message sent to a multicast address is received by all nodes that have joined the group. Also created GUI for above mentioned application in C.
  - Team Size- 4
  - Key Outcomes- User gets station list (English songs , Gujarati songs , Hindi Songs) and after selecting any one station user listens the songs which are being broadcast by the sender. Also user gets options of play , pause ,close and change station. Also multiple users can listen the radio at the same time.
- Railway Management System at Ahmedabad University , (Duration- Feb'19 - Apr'19 )
  - Mentor- Professor Shefali Naik
  - Skills Used- Database Management System, : MySQL for back end, Java as front end
  - Summary- Created the database which stores different routes of trains and allow user to book, cancel tickets. Also it generates PNR number for each user and generate ticket (Confirm /Waiting). Maintains booking log for each train.
  - Team Size- 2
  - Key Outcomes-

## ACTIVITIES & HONORS

### Positions of Responsibility

- Core Member of Discipline Committee , Need to make sure no one breaks the rules and also guiding junior committee members. (Duration- Jun'14 - Apr'17 )
- Host of the annual event in school , Engage the audience in the event by hosting. (Duration- Jan'14 - Jan'14 )

### Co-Curricular Activities

- 1st Runners up of IoT Auction under tech fest of Ahmedabad University on Mar 15, 2019
- Attended 2 days Robotics Workshop under tech fest of Ahmedabad University (Duration- Feb 24, 2018 - Feb 25, 2018 )
- Attended 2 days IoT with Data Science Workshop under tech fest of Ahmedabad University (Duration- Mar 09, 2019 - Mar 10, 2019 )
- Attended 7 days App Development with specialisation in Blockchain Technology workshop under IEEE student branch DA-IICT , summer school (Duration- Jun 17, 2019 - Jun 23, 2019 )
- Attended C# corner Ahmedabad Dev Conference on Aug 10, 2019

### Extra-Curricular Activities

- Completed 5 years of Certified Bharatnatyam course (Duration- Aug 01, 2010 - Nov 01, 2016 )
- 3rd prize in drawing competition by Saurashtra patel social group on Jul 07, 2011
- Made painting with fluid art under Fine arts club of Ahmedabad University on Mar 13, 2019
- Participated in Art Hunt of Yuth Fest of Ahmedabad University on Jan 19, 2020
- Achieved certificate in Elementary(2011) and Intermediate(2012) drawing competition on Mar 19, 2012
- Went to Dalhousie for trekking with Invincible NGO (Duration- Jun 02, 2019 - Jun 10, 2019 )

## ELECTIVES

- Advanced Data Structure and Algorithms
- Probabilistic and Graphical Models
- Algorithms and optimization of Big Data
- Natural Language Processing
- Machine Learning

## TECHNICAL SKILLS

### Expertise / Area of Interest

- Internet of Things
- Natural Language Processing
- Machine Learning
- Computer Networks

### Programming Language

- C Programming
- Java
- Python
- Verilog HDL

### Tools and Technologies

- Matlab
- Eclipse / NetBeans
- LabView
- Xilinx ISE
- Basics of Android Studio
- Logisim
- MikroC Pro AVR

- Arduino