

**Sonali Chatur (Panchawatkar)**  
**9 Rushiraj Pride Row Houses**  
**Behind Madhur Sweets**  
**Vivekanand Nagar**  
**Pipeline Road,**  
**Nashik**  
**Pin – 422013**  
**Maharashtra, India.**  
**Ph.-+ 91 7738149108, 9867551008**

**Objective:**

To join developing and growth oriented organization & to work towards consistent knowledge enhancement.

**Academic details:**

<b>Examination</b>	<b>Institution</b>	<b>Board/ University</b>	<b>Year of Passing</b>	<b>Marks (%)</b>	<b>Class</b>
M.E. Electronics (First Year)	K.J.Somaiya College of Engineering	Mumbai University	2014	60.5	First
M.E. Electronics (Second Year)	K.J.Somaiya College of Engineering	Mumbai University	2016	81	Pass
Final Year Engg.	S.S.V.P.S. COE, Dhule	North Maharashtra University	2010	68.8	Distinction
3rd Year Engg.	S.S.V.P.S. COE, Dhule	North Maharashtra University	2009	66.8	(2nd U.T) Distinction

2nd Year Engg.	S.S.V.P.S. COE, Dhule	North Maharashtra University	2008	56.62	Second
Diploma E&TC	N.D.M.V.P. COE, Nasik	Y.C.M.O. University	2007	61.6	First
HSC	D.D.Bytco Jr. College. Nasik	University of Pune	2003	54.67	Second
SSC	Maratha high school	University of Pune	2001	54.26	Second

### Brief Overview

First class in Diploma in Electronics & Tele-communication.

First class with distinction in Final year of Electronics Engineering.

Sound knowledge on Electronic components & Fundamentals.

Total 1.6 years of experience.

### Experience

- Six months of experience as a lecturer in K.K. Wagh Polytechnic, Nasik
- One-year experience as a lecturer in Thakur Polytechnic, Kandivali

### Projects

#### 1) Project – Diploma:-

**Project Name:** Stepper Motor control using microcontroller

**Description:** The direction of rotation of stepper motor is controlled using ATMEL 89c51 microcontroller.

**Responsibilities :** Designing, Coding, Layout.

**2) Project – Degree Final Year: -**

**Project Name:** Embedded based Relay/Micro Based Relay with SCADA.

**Responsibilities** : Designing, Coding, Layout.

**Sponsored by** : M/s Crompton Greaves Ltd. Ambad, Nasik

**3) Project –M E Final Year: -**

**Project Name:** Computer based wireless automobile wheel alignment system.

**Co-curricular Activities:**

- **Paper presentation on OFDM at MJM COE, Aurangabad.**

**Subject:** Orthogonal Frequency Division Multiplexing

**Description:** OFDM has developed into a popular scheme for wideband digital communication, used in applications such as digital television and audio broadcasting, wireless networking and broadband internet access. A large number of closely-spaced orthogonal sub-carriers are used to carry data. The data is divided into several parallel data streams or channels, one for each sub-carrier. Each sub-carrier is modulated with a conventional modulation scheme.

- **Paper presentation on Cardiac Pacemaker at SCOE, Pune.**

**Subject:** Cardiac Pacemaker

**Description:** Cardiac pacemaker is great invention in biomedical engineering. Many heart patients' lives are saved with very small and magical electronic instrument.

- Awarded for “**Certificate of appreciation**” for **Securing Second position** in University, Third Year Electronics Engineering University Examination for academic year 2008-09.

**Publication:**

**Paper Published in–International Journal of Engineering & Sciences (IJES)**

**“Computer based wireless automobile wheel alignment system using accelerometer” – Volume 4, Issue- 9, Pages-62-69- Year 2015**

**The above paper has indexed in ANED (American National Engineering Database). Article ANED-DDL (Digital Data link) number is 09.1913/049062069**

#### **Trainings Attended:**

- Completed one-month industrial training at M/s Gogate Electrosystems, R+D Center, Nasik.
- Attended one-day training program on Product Design at M.C.C.I.A, Pune as a Representative of M/s Gogate Electrosystems, Nasik.
- Attended two days training in PCB manufacturing at M/s. Ravindra Enterprises, Nasik.

#### **Extracurricular Activities:**

- **Represented Maharashtra state for communication through satellite with Dr. A. P. J. Abdul Kalam at Nasik on the occasion of “Edu-Sat” Satellite launching.**
- Participation in Circuit Design Competition at SCOE, Pune

#### **Software Exposure:**

- Languages known : Assembly language of 8051, 8086, C
- Operating System : Windows Xp, Vista.
- Softwares : AutoCAD 2008, Microsoft office etc.

#### **Personal Details:**

- Date of Birth : 20th June 1986
- Hobbies : Playing chess, Reading, and Fashion Designing.
- Marital Status : Married
- Languages known : English, Marathi, Hindi

#### **Declaration**

I hereby declared that the information given above is true to the best of my knowledge & belief.

**Date:** / /2019

**Sonali Chatur (Panchawatkar)**