# SANDESH VIDYADHAR GAIKWAD

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Date of Birth: 4 Apr 1991

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# CURRICULUM VITAE

## CAREER OBJECTIVE

Excelling as a professional in a growth oriented and reputed organization by utilizing my expertise to the optimum possible while bringing about personal and professional development.

## PROFILE &STRENGTHS

- Dynamic & proactive Software professional with excellent technical proficiency and practical experience.
- Possesses in-depth technical knowledge of various software development languages, applications and databases.
- An effective team player with exceptional planning, execution and interpersonal skills, systematic approach and quick adaptability.
- Detail-oriented, excellent communication and analytical skills; proven ability to apply acquired knowledge & skills effectively.

## COMPUTER  SKILLS:

| | | |
|---|---|---|
| Operating System | : | Windows-9X, 2003 |
| Programming Languages | : | BASIC, C, C++, embedded system, Python Programming |
| Other Packages | : | MS-Office 2000/XP, Raspberry PI |

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## CERTIFICATION SKILLS:

Semiconductor Physics, from IIT Kanpur

Embedded System certification course

Internship in Embedded System Design & IoT from Pantech Solutions

Certification course in Python Programming

## PROFESSIONAL EXPERIENCE

**SICES DEGREE COLLEGE OF ARTS, SCIENCE AND COMMERCE AMBERNATH September 21– TILL WORKING**

**PROFILE:** - WORKING AS A LECTURER

        **TAUGHT SUBJECTS**:-
- PHYSICS
- ELECTRONICS

**BHARATIYA VIDYA BHAVAN'S HAZARIMAL SOMNI COLLEGE** MUMBAI **JAN'20 – DEC'21**

**PROFILE:** - WORKING AS A LECTURER (On Clock Hour Basis)

        **TAUGHT SUBJECTS**:-
- PHYSICS

**BHARAT COLLEGE OF COMMERECE AND SCIENCE, BADALAPUR JUL'15 – DEC'19**

    **PROFILE:** - WORKING AS A LECTURER

        **TAUGHT SUBJECTS**:-

- PHYSICS AND DIGITAL ELECTRONICS
- MICROPROCESSOR 8085 AND MICROCONTROLLER 8051
- EMBEDDED SYSTEM
- INTERNET OF THINGS
- DATA COMMUNICATION NETWORK AND SECURITY
- COMPUTER ORIENTED STATISTICAL TECHNIQUES

    **RESPONCIBILITIES**

- EXAM COORDINATOR
- PERFORMED INTER DEPARTMENTAL SEMINAR

## EDUCATIONAL &PROFESSIONAL DEVELOPMENT

**M.PHILL. IN PHYSICS**

MUMBAI University, pursuing

**M.SC. IN PHYSICS (ELECTRONICS)**

MUMBAI University, CGPA 5.63/7 (65%)

**B.SC. PHYSICS IN ELECTRONICS**

MUMBAI University, 60.25%

**Graduate Aptitude Test in Engineering (GATE) 2021**

**Maharashtra SET Exam**

## PROJECTS IN M.SC.

- Line follower ROBOT using PIC Controller 16F877
- Mobile controlled ROBOT using Atmel 89S52
- Home security System using GSM MODEM

## ACHIEVEMENTS

- Given a Presentation on " Ancient astronomy" in Bharat College (Badlapur), 2016
- Given a Presentation on " Precision Motion of the Earth" in Bharat College (Badlapur), 2017
- Published a Article "**An Overview of Basic Wireless Communication System**" in Episteme journal
- Published a paper **"STUDY OF FLUX-ROPE CHARACTERISTICS AT SUB-ASTRONOMICAL UNIT DISTANCES USINGTHE HELIOS 1 AND 2 SPACECRAFT"** in MNRAS (https://doi.org/10.1093/mnras/staa1189)

## EXTRA CURRICULAR ACTIVITIES &ACCOLADES

- **Working on LATEX and MATLAB for M.Phil. Project**
- **Raspberry Pi**
- **Embedded Systems and Electronics Projects**

## REFERENCES: Available on request.