**NAME:**

**CURRICULAM VITAE**

**SANDHYARANI P. GOSAVI**

**CONTACT ADDRESS:**

F.14/104, ‘A’ Colony, BILT Company, Bhigwan, Tal-Indapur, Dist-Pune

**CONTACT NUMBER:**

+918275345583

+919421959689

**EMAIL ID:**

[sandhyagosavi38@gmail.com](mailto:sandhyagosavi38@gmail.com)

**DATE OF BIRTH:**

February 04, 1995

**GENDER:**

Female

**NATIONALITY:**

INDIAN

**LANGUAGES:**

Marathi

Hindi

English

**AREA OF INTEREST:**

* Automation
* Research and development
* PLC and SCADA
* Digital Image Processing

**STRENGTH:**

* Dedication and commitment to responsibilities and systematic hard work to reach the objective.
* Ability to maintain friendly relationship with in and around our concern know my weakness there by makes a conscious and continuous effort to overcome them.

**EDUCATION:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Course | College /school | University/ Board | Year of passing | Percentage |
| BE(E&TC) | VPCOE, Baramati | Pune University | 2016 | 63 |
| 12th | SNR Jr. College, Indapur | HSC Board Pune | 2012 | 58.67 |
| 10th | VPMMS, Baramati | SSC Board Pune | 2010 | 77.09 |

**EXTRA CURRICULAR ACTIVITY:**

* Attended Campus to Corporate Grad2Guru workshop.
* Attended a Entrepreneurship Awareness camp in association with Entrepreneurship Development Institute of India, Ahmedabad.

**COMPUTER SKILL:**

* Operating System: Windows XP, Windows 8, Windows 10, Ubuntu, windows vista.
* MSCIT Course, Programming Languages: C, C++ Programming, Ladder Programming for PLC
* Software’s: Simulation, MATLAB, PCB Design, Microwind for VLSI IC design, MPLABX, OpenCV image processing toolbox.

**JOB SKILLS:**

* Ability to work in team.
* Organised, Punctual and well structure at work.
* Commitment to work in project deadlines and schedule.

**SOFT SKILLS:**

* Flexibility and adaptability.
* Ability to grasp and learn new technology quickly and accurately.
* Very enthusiastic and highly motivated with positive attitude.

**ACADEMIC PROJECT:**

“Automation In Paper Industry For Paper Defect Detection and Classification” sponsor by *‘Ballarpur Industries Paper Product Limited, Bhigwan’,* a paper mill with fully Atomised Plant.

* Project objective is to detect defects of paper in paper industry.
* Defects which are detected: chunk, water mark, pin hole, crease, stamp, folding.
* Project work is finish with defect detection of paper by using various video processing tools.
* It is very challenging task to detect defects on paper in online paper machine.
* It is based on *‘Digital Image Processing’* and *‘Programmable Logic Controller’*.
* Techniques: OpenCV image processing toolbox, foreground detection, pixel counting, Thresholding, Canny, Sobel, Prewitt and Robert Edge Detection.

**INDUSTRIAL INTERNSHIP:**

* Done internship in *‘Ballarpur Industries Paper Product Limited, Bhigwan’ for one and half month from 1st June 2015 to 15th July 2015.*
* It is India’s biggest paper industry which has fully automated plant based on PLC and DCS.
* Fully learn paper production system. Learned about control systems, PLC, UPS, various control valves, sensors, interlocks, JANUS machine, winder, Sheet Cutter, tail cutter and many more.
* In industry there are lot of things to learn about advanced automated technology.

Yours’ Faithfully,

(Sandhyarani P. Gosavi)