**JYOTI JAISWAL**

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**SUMMARY [Post Graduate**- Embedded System, **GATE Qualified**]

**Career Objective:**

*To establish myself in the field of technology using all my skills to enhance my technical and interpersonal skills, where I get opportunity of continuous learning*.

**Experience 3.8 Years**

* As a **Lecturer** at **VVIT, Purnea Bihar** during academic session **27 sep 2014** to **30 June 2018.**

**Qualification**

* M.Tech (2018-2020) : CDAC Mohali in Embedded System
* PGDBA : Finance from SCDL, Pune
* B.Tech (2009-2013) : Electronics & Communication Engineering

 AKU (Patna)

* Intermediate (2006-2008) : Science (PCMB), BSEB (Patna).
* Matriculation (2005-2006) : BSEB (Patna).

**Software Skills**

Programming Language : Image Processing ToolBox in MATLAB, Basic in Python, Basic C++

**Area of Interest**

* Image Processing
* Digital Electronics
* Signal and System
* Machine Learning
* Arm Processor
* Internet of Things

**Professional Trainings:-**

* Attended two days workshop on “Futuristic Trends of Nano-Electronics, MEMS and NEMS” conducted from 18th to 19th Sep 2018 at CDAC Mohali.
* Attended National Workshop on “5G: The next generation wireless technology”, conducted from 14th to 15th Nov 2018 at cdac mohali.
* Undergone two days Certified Automation Professional training which includes Extension training on PLCs of Allen Bradley, Siemens, Mitsubish and Messung Standards programming in the year May 2012.
* Successfully completed two days’ workshop on “Cyber Security and Ethical Hacking” held on 21st and 22nd April, 2012 in association with Bihar Internet Security Group.
* Undergone two days training conducted by MANTRA TECH SERVICE on Embedded System and Robotics Design at VVIT Purnea conducted from 26th December 2011 to 27 December 2011.

**Project Works** :-

**Title: Detection and Classification of Paddy Leaf Diseases Using Machine Learning Algorithm**

* The proposed research work implements the Machine Learning Algorithm, which is targeting the Rice Crops with three diseases commonly referred as Bacterial Leaf Blight, Brown Spot and Leaf blast.

 **Title**: **Estimation of Fake Identification By Iris Recognition Using DCT Technique**

* Proposed an iris image recognition algorithm based on the application of the Discrete Cosine Transform algorithm for feature extraction of iris images using ‘Biometric Technology’ and demonstrated the same on MATLAB software.

 **Title**: **Water Level Indicator with / when tank is full**

* Designed the circuit on PCB using a widely available CD4066, bilateral switch CMOS IC to indicate the water level through LEDs and give the alarm when tank is full.

**Co- Curricular and Extra-Curricular activities**:-

* **University topper in B.Tech**
* Secured Second position in 10th examination at High School
* Won prizes in Hindi essay writing competitions in the college during engineering.

**Personal Trail**:-

* Self Confident & Goal Oriented.
* Able to pick new concept quickly & self-motivated to learn.

**Personal Detail**:-

D.O.B : 04-02-1991

Marital Status : Married

Language : English, Hindi

**References**:-

I hereby certify that all the information provided above is true to the best of my knowledge and belief.

Date: 02/03/2020

Place: Mohali 