

# UPPALAPU GOPI KISHORE

Email: gopikishore972@gmail.com

Contact Number: +91 9391063984

## **Career objective:**

To work in a challenging environment where I can put my best efforts and knowledge to reach the respective company's goals and objectives which provides me a mutual growth.

## **Educational qualifications:**

S.no	Course/Board	Institutions	%/CGPA	Year of passing
1	B.Tech (ECE) (JNTUK)	SRK institute of technology	6.5	2020
2	XII standard (B.I.E., A.P.)	Narayana Junior College	92%	2016
3	X standard (SSC)	Sri Chaitanya Techno School	9.5	2014

## **Technical profile:**

- C
- Java
- python

## **Project:**

### **Pulmonary artery-vein classification in CT image using Deep learning**

Now a days, the main cause of affect on arteries or veins is due to pulmonary vascular diseases through different physiologic mechanisms. Physicians manually scrutinize the chest Computed Tomography (CT) image of the patients in search of irregularity to distinguish changes in the two vascular trees. But this process is time-consuming, difficult to standardize and not appropriate for large clinical studies or useful in real-world clinical decision making. In CT images the automatic separation of arteries and veins is becoming of great interest, which helps physicians to analyze pathological conditions exactly. In this try, we display a novel, fully automatic approach to classify vessels from chest CT images into arteries and veins. The algorithm follows three main steps: first, a scale-space particles segmentation to isolate vessels; then a 3-D convolutional neural network (CNN) to obtain a first classification of vessels; finally, graph-cuts' optimization to refine the results. To justify the usage of the proposed CNN architecture, we compared different 2-D and 3-D CNNs that may use local information from bronchus and vessel enhanced images provided to the network with different strategies. We also compared the proposed CNN approach with a Random Forests (RFs) classifier.

## **Achievements:**

### **Co-Curricular:**

- Participated in "Embedded Systems "workshop conducted by APSSDC
- Participated in "SCILAB" conducted by APSSDC
- Participated in poster presentation on "plant leaf disease detection using image processing" conducted by SRKIT.
- Participated in "PCB DESIGNING" workshop conducted by SRKIT.

### **Extra-Curricular:**

- Secured 1st prize in the cultural activity on women empowerment conducted by SRKIT.
- Participated in "Essay Writing "competition conducted by Score More Foundation.
- Participated in "Circuitrix" Conducted in Explorer's meet 2K18 by SRKIT.
- Won a prize at school District level and Mandal level zonal meet over all championship regarding softball and athletics

## **Personal Traits:**

- Optimistic
- Public Speaker and Initiator
- Presentation skills

## **Personal Details:**

- Date of Birth : 13.04.1997
- Languages known : Telugu, English
- Hobbies : playing cricket
- Address : 1-1389, Pucchalavari street  
Mangalagiri, Guntur, Andhara Pradesh.