Dear sir/madam,

My main motto is progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the computing and research field with sheer determination. I integrate various real-time problems related to image processing.

**Academic Background:**

I have excelled in academics right from my school days. In school, I consistently used to secure one of the top positions in the class.

Post Graduation M.Tech (IT) completed from JNTUK-UCEV (2013-2015) with an aggregate of 74%.


Diploma (ECE) completed from Bapatla Polytechnic College, Bapatla (2001-2004) With an aggregate of 75%.

SSC completed from Z.P. High School, Nidubrolu (2000-2001) with an aggregate of 73%.

**Electronics and Computer Science Background:**

I completed my diploma (after tenth class) in E.C.E specialization. I really admire the field of electronics. Am the Class Second topper.

During the course of the B.Tech. program I have developed a keen interest in the fields of compiler design, computer networks and web technologies.

I have included a brief description of this and relevant certificates to substantiate my claim.

I believe that graduate education is not merely a continuation of college studies. I think that graduate education is process, in which the student learns how to do independent research.

My decision to apply to UNIV is based on a careful examination of the department bulletin and the research interests of the faculty members. I have contacted PROF, who has encouraged me to apply. I would really love working under his guidance for my PhD’s believe that graduate education at your University will enhance my knowledge, give me wide exposure and develop my abilities to do independent research. I consider myself an enthusiastic and hardworking person, and I am sure that my stay your university will be a very fruitful one.
I am applying for Research Fellow in your institute. I have total experience of 6 years and 5 months, I done my M.Tech Project in the area of biometrics.

M.Tech Project Title: IRIS BIOMETRIC RECOGNITION SYSTEM BASED ON HISTOGRAM EQUALIZATION

ABSTRACT: Iris recognition system has very high recognition accuracy in comparison with many other biometric features. Low quality iris images that are blurry, of low resolution, and poor illumination poses a big challenge for iris recognition as the iris recognition efficiency is entirely dependent on whether the image supplied is of good quality. Therefore, enhancement technique has been implemented in pre-processing stage to increase the quality of iris images.

Although there is no best approach for all types of image enhancement, histogram equalization (HE) is a commonly used approach as it is a simple yet effective method. The textures are extracted using local histogram equalization. Eyelid detection is done as a part of segmentation to localize the iris accurately and remove unwanted area by applying Integro-Differential Operator. Gabor filters are used to extract features from the iris region of the eye image. The extracted features are then encoded into a binary template that uniquely identifies an individual iris. The template that is generated in the feature encoding process will also need a corresponding matching metric, which gives a measure of similarity between two iris templates. The dataset used for the experimental study is CASIA Iris database.