

SWATHI RAO R

Position : Lecturer

Department : Computer Science

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Qualifications:

- B.E in Electronics And Communication from Visvesvaraya Technological University/Vidyavardhaka Institute of Technology

Experience:

- Fresher

Areas of Expertise:

- Image processing
- Matlab
- java

Recent Projects:

- Skew detection and correction in printed handwritten documents using MATLAB -Skew detection and correction in printed handwritten documents using radon transform using MATLAB-During the scanning of the document,skew detection and correction is very important task before pre processing of an image.The Radon transform is applied to handwritten document to find the skew angle of the image, and the detected skew angle is used to deskew the image.
- Statistical analysis of Brain MRI image using MATLAB – The correlation,mean and median is found from brain MRI images.These values will be compared with the values of those who are having tumor and with the normal brain images, and it will be compared which forms the basics of identifying the tumor.
- Retinal Recognition Systems in MATLAB – Blood vessel extraction forms critical part in retinal recognition. Retinal identification is based on retinal veins which is extract using krishch's template.From this extracted blood vessel the key points are extracted subsequently followed by matching and decision making based on feature points.