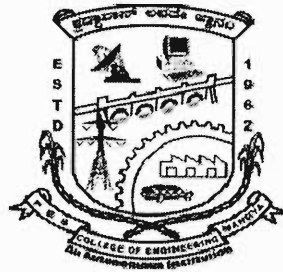


EXTRACTION OF TEXT FROM IMAGES



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**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE & ENGINEERING**



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ABSTRACT

Recent studies in the field of computer vision and pattern recognition show a great amount of interest in content retrieval from images and videos. This content can be in the form of objects, color, texture, shape as well as the relationships between them. The semantic information provided by an image can be useful for content based image retrieval, as well as for indexing and classification purposes. As stated by Jung, Kim and Jain, text data is particularly interesting, because text can be used to easily and clearly describe the contents of an image. Since the text data can be embedded in an image or video in different font styles, sizes, orientations, colors, and against a complex background, the problem of extracting the candidate text region becomes a challenging one. Also, current Optical Character Recognition (OCR) techniques can only handle text against a plain monochrome background and cannot extract text from a complex or textured background.

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