

Indian Institute of Information Technology, Allahabad



MINI PROJECT REPORT

On

“Embedding & Detection of Watermark in MPEG Videos”

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CANDIDATES' DELARATION

We hereby declare that the work presented in this project report entitled “**Embedding & Detection of Watermark in MPEG Videos**”, submitted towards completion of 7th Semester report of B.Tech. (IT) at Indian Institute of Information Technology, Allahabad, is an authenticated record of our original work carried out from July 2013 to December 2013 under the guidance of **Prof. Anupam Agrawal**. Due acknowledgements has been made in the text to all other material used. The project was done in full compliance with the requirements and constraints of the prescribed curriculum.

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ABSTRACT

Digital Watermarking is a data hiding technique where an information or message is hidden inside a signal transparent to the user. This method is used for copyright protection of digital media. Watermarking differs from encryption in a way that in the former case a general user is allowed to access, view and interpret the signal but cannot claim the ownership of the content, whereas in case of encryption the very access to the signal itself is denied.

Watermarking is thus more popular than encryption where the content generator wants the general user to enjoy the content but shall not infringe upon the copyright. Digital representation of the signal has made the job of Watermarking easier and cost effective, and thus this technology is already developing very fast among the media industry. This paper describes the methods of Watermarking for MPEG based video content.

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