Title: - Importance of Section 65 (B) of Indian Evidence Act

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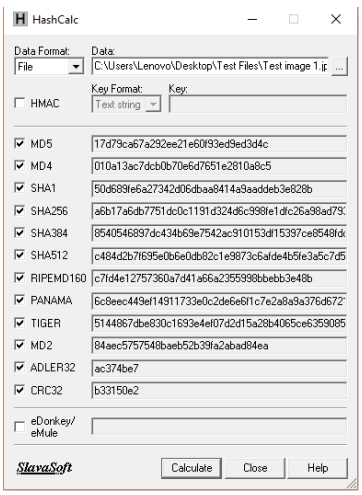
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Keywords: - Admissibility, Certificate, Authenticity, Hash Value, Metadata, Spectrogram

I. ABSTRACT

The first challenge in interpreting Section 65B is how to look at electronic evidences. For those who have interpreted evidence only from the point of view of "Oral" evidence and "Documentary" evidence for years, the new category of "Electronic Documents" presents a new dimension not easy to interpret. The investigation of these evidences is done by forensic experts, but the main issue resolves around their admissibility in the court. Is an electronic document consisting of a recording of spoken words to be considered as an "Oral Evidence"? Or is it a "Documentary Evidence. These are the dilemmas that confront us when we encounter electronic documents. Furthermore every image, audio, video, text document, emails and even the devices like mobile phones, hard disks, compact disks or pen drives, have to be authenticated first to ensure their originality to make them admissible in the court of Law. This study aims at analyzing the following objectives. To understand the statement of 65 (B) of Indian Evidence Act. To apply Section 65 (B) on different electronic evidences. To study the procedure of data and device authentication. To study the authentication of images, video, audio, text documents, emails, hard disks, compact disks, pen drives and any other storage device by forensic tools. To study the importance of 65 (B) 4 certificate. And to see the extent of the need of 65 (B) 4 certificate. The analysis was conducted based on the hash value, metadata, spectrogram and frame by frame analysis. The results of the study show that even a minute change in the original file can change these parameters by a substantial margin.

II. IMAGE



III. REFERENCE

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2. A Practical Guide to Computer Forensics Investigations, Dr. Darren R Hays, 2014

3. An Introduction to Computer Forensics, Information Security and Forensics Society (ISFS), April 2004

IV. BIBLIOGRAPHY

Manu Hari Dixit has completed her Bachelors in Forensic Sciences at the age of 22 from Sam Higginbottom Institute of Agriculture, Technology and Sciences. She is currently pursuing Masters in Forensic Sciences from Gujarat Forensic Sciences University. She is specializing in Cyber Forensics. She has been an intern in State Forensic Science Laboratory, Varanasi and Clue 4 Evidence, Bangalore. She is also a content writer for Forensic Science International Project.

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