Third Year Computer Engineering, SPPU, Pune 2022-23

310249: Seminar and Technical Communication

(Guidelines and Log Book)

**Third Year Computer Engineering**

# Year 2022 - 2023

**Seminar ID**

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**Name of Student:** Mrunal Kadam

**Mobile No.:** 9730035606 **E- Mail ID:** [mrunalk015@gmail.com](mailto:mandaryadav24@gmail.com)

**Seminar Title:** Digital Forensic

# Seminar Guide:

Prof. S. S. Kolte

**Area of the Seminar:** Forensics Science

**Record of Visit:**

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| --- | --- | --- | --- |
| **Sr.**  **No.** | **Date** | **Details of Discussion/ Remark** | **Signature of Guide/Seminar**  **In charge** |
| 1. |  | Topic Finalization |  |
| 2. |  | Topic Finalization |  |
| 3. |  | Preparing draft of proposal of seminar |  |
| 4. |  | Submission of Proposal |  |
| 5. |  | Preparing for presentation |  |
| 6. |  | Preparing for presentation |  |
| 7. |  | Seminar Report rough Draft Preparation |  |
| 8. |  | Seminar Report finalization |  |
| 9. |  | Seminar Report submission |  |
| 10. |  |  |  |

**Paper Publication/ Participation at Conference:**

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| **Sr.**  **No.** | **Name of Organizer** | **Date** | **Certificates/Prizes Won if any** |
| **1.** |  |  |  |
| **2.** |  |  |  |
| **3.** |  |  |  |
| **4.** |  |  |  |

Attach attested copy of certificate(s)

**Rubrics:**

1. **Contents and Presentation:**

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| --- | --- | --- | --- | --- |
| **Grade (Grade Point)** | **Excellent (10-9)** | **Very Good (6-8)** | **Fair (3-5)** | **Poor (1-2)** |
| **Parameter** |  |  |  |  |
| Slide Preparation |  |  |  |  |
| Verbal Skills |  |  |  |  |
| Confidence |  |  |  |  |
| Eye Contact |  |  |  |  |
| Contents |  |  |  |  |

1. **Overall performance:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Grade (Grade Point)** | **Excellent (10-9)** | **Very Good (6-8)** | **Fair (3-5)** | **Poor (1-2)** |
| **Parameter** |  |  |  |  |
| Punctuality and Timely Completion |  |  |  |  |
| Question and Answers |  |  |  |  |
| Attendance and Active Participation |  |  |  |  |
| Seminar Report |  |  |  |  |
| Paper publication &presentation |  |  |  |  |

**Report Documentation:**

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| **Seminar Report Documentation** | | | | | |
| **Report Code:** CS-TE-Seminar 2022-2023 | | | **Report Number:** 21CO307 | | |
| **Report Title:** Digital Forensics | | | | | |
| **Address (Details):**  In this report we have discussed about what digital forensics is, how it is implemented, its types, its application. Also, we have discussed how to make digital evidence permissible in court. | | | | | |
| **Author:** Mrunal Kadam  **Roll:** 21CO307  **Cell No:** 9730035606  **E-mail Address:** [mrunalk015@gmail.com](mailto:mandaryadav24@gmail.com) | | | | | |
| **Year:** 2022 - 2023  **Branch:** Computer Engineering | | | | | |
| **Key Words:** Digital Forensics, Computer, Devices, Digital Evidence, Digital World | | | | | |
| **Type of Report:** FINAL | **Report Checked By:** | **Report Checked Date:** | | **Guides Complete Name:**  Prof. S. S. Kolte | **Total Copies:**  2 |
| **Abstract:**  Digital Forensics is a branch of forensic science encompassing the recovery and investigation of material found in digital devices, often in relation to computer crime. It covers the investigation of any devices that can store digital data. Digital footprint is the information about a person on the system, such as the webpages they have visited, when they were active, and what device they were using. By following the digital footprints, the investigator will retrieve the data critical to solving the crime case. It provides the forensic team with the best techniques and tools to solve complicated digital-related cases.  There are some challenges when working in digital forensics. There are constant changes and new technologies in the digital world. The examiner must stay current with all the changes that impact their field. Criminals are always finding new ways to block investigations too. With the ever-increasing rate of cybercrimes, from phishing to hacking and stealing of personal information not only confined to a particular country but the globally at large, there is a need for forensic experts to be available in public and private organizations. To be able to handle this, it’s vital for network administrator and security staff of networked organizations to have this course in practice making sure that they have the laws pertaining to this on their fingertips. | | | | | |