**OBJECTIVE 1**

**For – Gurkirat and Atharva**

1. **To find out and Study database for anomaly-based detection of OT network**
2. List the Available Database
3. Download database for our purpose
4. Literature Survey of tools/techniques/algorithms used for the same.
5. Start implementing using proposed algorithm (find out which AI/ML technique is best for OT)
6. **Find out SCADA forensic related IEEE conference papers, IEEE Transaction paper, and good journal papers. (SCADA Security Testbed, Architecture, Anomaly detection, Malware Analysis, etc)**
7. **List of SCADA forensic Tools with following details.**

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| --- | --- | --- | --- | --- |
| **Sr. No.** | **Tool Name** | **Purpose** | **Type-Proprietary/Open Source** | **Remark, If any** |
| **1** |  |  |  |  |

**Timeline of Work**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Objectives** | **Months** | | | | | | |
| **August 2020** | | **September 2020** | | | | |
| **17-23**  **Dates** | **24-30**  **Dates** | **1-7**  **Dates** | **8-14**  **Dates** | **15-16**  **Dates** | **17-23**  **Dates** | **24-30**  **Dates** |
| 1. | To find out and Study database for anomaly detection of OT network | **a start** | **b start** |  | **c start** |  | **d start** |  |
| 2. | Find out SCADA forensic related IEEE conference papers, IEEE Transaction paper, and good journal papers. |  | **finish** |  |  |  |  |  |
| 3. | List of SCADA forensic Tools. |  | **finish** |  |  |  |  |  |

**For reference - List of Websites**

<https://www.enisa.europa.eu/>

<https://www.sans.org/>

<https://www.dfir.training/>

<https://ics-cert-training.inl.gov/>

**OBJECTIVE 2**

**For Ayush and Sarvesh**

1. **To Study and Implement Knowledge Transfer from Seniors**
2. Create Sandbox Environment with 1 virtual machine in that kali linux, Ubuntu,
3. Read the report and paper of “Design of IPS for OT Network”
4. Read the report and paper of “Malware Injection in OT Network”
5. Implement the work for “Malware Injection in OT Network”

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| **Sr. No.** | **Objectives** | **Months** | | | | | | |
| **August 2020** | | **September 2020** | | | | |
| **17-23**  **Dates** | **24-30**  **Dates** | **1-7**  **Dates** | **8-14**  **Dates** | **15-16**  **Dates** | **17-23**  **Dates** | **24-30**  **Dates** |
| 1. | To Study and Implement Knowledge Transfer from Seniors | **a, b, c**  **Finish** | **d start** | **d finish** |  |  |  |  |

**NOTE –**

1. Create one folder for data collection in that upload CoDR report, KT Form and Power point presentation of your work.
2. Updated KT form should submit on 19 August 2020.