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**Department of Cyber Security**

**Lecture Handouts**

**Semester/Year**

**III /II**

**Course Code & Name: 19CB14301 & Fundamentals of Cyber Security Cl Branch: B.E. Cyber Security**

**Faculty Name : Dr.A.Umamaheswari**

**Unit : II Lecture No. 7 Date of Lecture:**

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| **Topic of Lecture: worms** |
| **Introduction : ( Maximum 5 sentences)**  A computer worm is a type of malware that spreads copies of itself from computer to computer. A worm can replicate itself without any human interaction, and it does not need to attach itself to a software program in order to cause damage. |
| **Prerequisite knowledge for Complete learning of Topic: (Max. Four important topics)**     * Computer Architecture & Organization |
| **Detailed Content of the Lecture:**  **worms:**   * A computer worm is a type of malware that spreads copies of itself from computer to computer. A worm can replicate itself without any human interaction, and it does not need to attach itself to a software program in order to cause damage. * Worms can be transmitted via software vulnerabilities. Or computer worms could arrive as attachments in spam emails or instant messages (IMs).        * Email worms * File share worms |
| **Outcome / Application: (**write in bullets or in sentence form**)**  Students will be able to describe the worms. |
| **Video Content / details of websites for further learning (if any):**  https://www.youtube.com/watch?v=wn-uVP8HncA |
| **Reference:**  CYBER SECURITY ESSENTIALS Edited by James Graham Richard Howard Ryan Olson |

**Subject Teacher**

**Verified by HOD**