SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN (AUTONOMOUS) :: BHIMAVARAM DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

II B. Tech Academic Year :: 2024-25 MINI PROJECT ABSTRACT SUBMISSION FORM

| SNO | BATCH NUMBER: CS7 | | | |
|-----|--|---|--|--|
| 1. | Names of the Team Members and Regd. No.: | Sikhakolli Naga Neeharika Krishna sri -(23B01A4656) Battina. Janandhini Lakshmi Priya -(23B01A4609) Sreeja sri .Nallakula -(23B01A4639) Anandam Vennela sai sri -(23B01A4603) Devina .Navya Sindhu -(23B01A4616) | | |
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| 4. | Name of the Project Guide: | Mr.P Raju | | |
| 5. | Title of the Project: | TaraShield: Constellation-Based Cryptographic Key Generation with Secure Blockchain Transfer. | | |
| 6. | Abstract: | This project introduces a sophisticated cryptographic system that integrates constellation-based encryption with blockchain technology to ensure secure and reliable data transfer. Cryptographic keys derived from celestial parameters offer a novel and robust approach to encryption, while blockchain technology provides a decentralized and tamper-resistant mechanism for key transfer. By combining astronomical insights with advanced security frameworks, this system establishes a new benchmark in cryptographic innovation for secure communication. | | |

| Signature of | Signature of | Signature of |
|---------------|----------------------------|------------------------|
| Project Guide | Mini Project – Coordinator | Head of the Department |