

DEPARTMENT OF APEX INSTITUTE OF TECHNOLOGY

**PROJECT PROPOSAL**

1. **Project Title:-**

**Secure text transfer using Diffie-Hellman key Exchange Based on Cloud**

1. **Project Scope:-**

**The project's goal is to discover a secure method for sending and receiving confidential documents. Using Diffie-Hellman encryption methods, the text message and files are encrypted and sent to the recipient in a secure manner. Before sending the channel and key information to the receiver at the cloud, the system encrypts it using Hashing.**

**We are all aware that security dangers are getting worse every day. There is no assurance that exchanging information with someone else will be done securely and without the risk of hackers or cracking. At the end of this assignment, we will have learned about a technique that uses encryption to hide the real key and safely share the data you need.**

1. **Requirements:-**

* React framework
* Google Firebase
* Sass framework

**STUDENTS DETAILS**

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| **Name** | **UID** | **Signature** |
| Abhay Tomer | 20BCS3566 |  |

**APPROVAL AND AUTHORITY TO PROCEED**

We approve the project as described above, and authorize the team to proceed.

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| **Name** | **Title** | **Signature (with Date)** |
| Namit Chawla | Supervisor |  |
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