**KALLAM HARANADHAREDDY INSTITUTE OF TECHNOLOGY**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**TITLE: GOOGLE DRIVE**

**Abstract:**

**Google Drive is a**[**file storage**](https://en.wikipedia.org/wiki/File_hosting_service)**and**[**synchronization service**](https://en.wikipedia.org/wiki/File_synchronization)**developed by**[**Google**](https://en.wikipedia.org/wiki/Google)**. Launched on April 24, 2012, Google Drive allows users to store files in the cloud, synchronize files across devices, and**[**share files**](https://en.wikipedia.org/wiki/File_sharing)**. In addition to a**[**website**](https://en.wikipedia.org/wiki/Web_application)**, Google Drive offers apps with offline capabilities for**[**Windows**](https://en.wikipedia.org/wiki/Microsoft_Windows)**and**[**macOS**](https://en.wikipedia.org/wiki/MacOS)**computers, and**[**Android**](https://en.wikipedia.org/wiki/Android_(operating_system))**and**[**iOS**](https://en.wikipedia.org/wiki/IOS)**smartphones and tablets. Google Drive encompasses**[**Google Docs, Sheets and Slides**](https://en.wikipedia.org/wiki/Google_Docs,_Sheets_and_Slides)**, an**[**office suite**](https://en.wikipedia.org/wiki/Office_suite)**that permits collaborative editing of documents, spreadsheets, presentations, drawings, forms, and more. Files created and edited through the office suite are saved in Google Drive.**

**Google Drive offers users 15**[**gigabytes**](https://en.wikipedia.org/wiki/Gigabyte)**of free storage, with 100 gigabytes, 1**[**terabyte**](https://en.wikipedia.org/wiki/Terabyte)**, 2 terabytes, 10 terabytes, 20 terabytes, and 30 terabytes offered through optional paid plans. Files uploaded can be up to 5 terabytes in size. Users can change privacy settings for individual files and folders, including enabling sharing with other users or making content public. On the website, users can search for an image by describing its visuals, and use**[**natural language**](https://en.wikipedia.org/wiki/Natural_language_processing)**to find specific files, such as "find my budget spreadsheet from last December". The website and Android app offer a Backups section to see what Android devices have data backed up to the service, and a completely overhauled computer app released in July 2017 allows for backing up specific folders on the user's computer. A Quick Access feature can**[**intelligently predict**](https://en.wikipedia.org/wiki/Machine_learning)**the files users need.**

**Google Drive is a key component of**[**G Suite**](https://en.wikipedia.org/wiki/G_Suite)**, Google's monthly subscription offering for businesses and organizations. As part of select G Suite plans, Drive offers unlimited storage, advanced file audit reporting, enhanced administration controls, and greater collaboration tools for teams.**

**Submitted by:**

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