**Project Details**

**Project : Moving Nodes With Velocity Gradient In any Game Development**

**Duration : 35 days**

**Platform : Network Simulator NS2**

**Description :**  The Project consists of two tasks , one for making a node move in multiple directions and when you click any of them they should display the velocity Gradient

**Institution : DRDO ( Communicated Project ) Defence Reserach and Development Organisation, Govt Of India**

**Duration : -**

**Topic : Coagnitive Sensors And Technology For Enhanced Border Security**

**Description :**  Project provides the best solution to secure our country’s border – An Unmanned Solution that may work for any climatic condition -Self power generation – Optimised Resource Allocation , Wireless Communications , Deployed Recoginition Algorithms etc.

**Project : Comparitive Android Application – OLA UBER JUGNOO**

**Duration : 40 days**

**Platform : Android & Java**

**Description :**  The Project consists of comparing the best rates between the three cabs rate and then giving results that shall be a economic efficient to use between two cabs. This app deals with similar idea like trivago comparing hotel prizes.

**Project : Online Examination Portal**

**Duration : 40 days**

**Platform : Android & Java**

**Description :**  The Project consists of two Logins for Admin and User. Admin can upload the question papers and Corresponding Answers to the Question while the User can login and go for the Concerned Exams. This application and software is useful for conducting Online Test Series for gate , upsc , iit exams etc.

**Project : Railway Management System**

**Duration : 40 days**

**Platform : Android & Java**

**Description :**  The Project dealt to define the new functionalities we have in today’s time of railways and how newly designed railway frontends could be made with new features and adavancements.

**Project/Research & Invention : Proposed RECK algorithm : A resource Allocation Algorithm in IOT**

**Duration : 40 days**

**Field : IOT**

**Description :**  Self Designed Algorithm used for resource allocation in IOT integrated with fog computing and the following Algorithm is published in the International Journal Of Mathematical, Engineering and Management Sciences & Also in National Conference Of Information Technology for Business Transformation 2019. It gives better efficiency In every Context to former designed Research algorithms eg. Deferred algorithm.

**Project + Research : Eye Movement Based Human Identification ( 2020 -Final Year Project)**

**Duration : 6 months**

**Fields : Java + Biometrics + Algorithms+ML+AI**

**Description :**  The project dealt of the creation of Hybrid Algorithm for Eye Movement based human identification based on Information fusion Algorithms and creation of java based software for latest IEEE based research as a base paper. The software is very useful in accessing old criminal records via Intensity based SWIFT algorithm. Concept fused with Machine learning and Artificial Intelligence. Software is made with Java, open Cv 2.4.9 , My SQL Yog , Eclipse etc

**Project / Research : Ear based Human Identification Using Geographical phenomenon ”Contour ” and its Hybrid with Eye Movement human identification useful for Securing Our banking Sectors Using Selfii Payment Application**

**( Currently)**

**Duration : Will Fetch 2 months**

**Fields : Java + (ear,eye Biometrics )+ Algorithms+ML+AI+ Contour Detection**

**Description :**  The project dealt of the creation of payment application that uses your real time selfii and thereby uses the current technology of CONTOUR and fuses with previous project resulting in a enhanced security model for banking sectors and an advanced , attractive way for audience to use internet banking, online resources and banks. Concept fused with Machine learning and Artificial Intelligence. Software specifications and implementation would be a research based.

**Project : Abhygyan- The Soaring Exercise of human Imagination**

**Duration :2 months**

**Fields : Content Writing + Photoshop+ Editing & Technical Writing Tools**

**Description :**  The soaring exercise of human mind is REC kannauj’s technical magazine. A revolutionary new concepts in the technical world and seeks to bring the glitz of new technologies of world to the pulsating heart of the college, in all its hedonistic glory. Technical content is the main focus of the magazine which is topped with students’ artistic mastery and calendar events of the college. Abhigyaan is centred on the edgy, glamorous aspects of gadgets and technology, and encapsulates the desires and aspirations of people indulged in making it possible.