PERSONALPROFILE

Name : Sanjana P
Father's Name : Prakash A
Mother's Name : Prabha K
Course : B.E(CSE)
College : RajaRajeswari College Of Engineering
Date of Birth : 27 September 1994
Sex : Female
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ACADEMIC QUALIFICATION

Year Of Passing	Course	Marks	Institution	Board/University
2016	B.E(C.S.E)	59.54%	RajaRajeswari College Of Engineering	VTU
2012	II PUC	62.33%	St. Anne's PU College	State Board
2010	S.S.L.C	79.52%	St. Anne's Girls High School	State Board

WORK EXPERIENCE

GTRE(DRDO).Dec 2017 to Dec 2018
Designation : Apprentice Trainee

ROLES & RESPONSIBILITIES

- Graph based analysis
- Graphical representations of test run data.
- C Programming
- Calculations and analysis of engine run data

BRIEF SUMMARY

G.T.R.E mainly involves the development of engine for aircraft. It consists of various engines like Kaveri, Kabini, etc., But now it mainly focuses on Kaveri engine. There are different models of Kaveri engine like K6, K7, K8, K9, and K10. But the main runs and tests are done on K6, K7 & K8 engines. Basically the work involves running the engine for various speeds ranging from 70 to 100 at intervals of 5 and recording the corresponding pressure and temperature for the various channels. Later the data is analyzed and the pressure and temperature values are entered in a C Program and the program run to obtain high pressure compressor , high pressure temperature , low pressure compressor, low pressure temperature inlet and outlet values. After obtaining all the values, graphs are plotted for various speeds to compare the behavior of engine at various speeds. Also there is another program that is run to find mass flow,final seal clearance and various other aspects related to the engine and graphs are plotted for different speeds. Apart from this there involved the analysis of graphs extracted from various reports & books that is taken from NTRL (National Technical Report Library) website. That had to be measured & calculated correct values and the respective graph has to be plotted.

AWARDSAND ACHIEVEMENTS

PRESENTED A JOURNAL IN INTERNATIONAL CONFERENCE

TITLE : Approaches to Content Based Image Retrieval

The journal addresses and discusses the various research trends in content based image retrieval and automated annotation using Goggle scholar's search tool.

PROJECTS

MINI PROJECT:

TITLE: "VOYAGE OF TORUS"

The project consisted of developing a graphical representation of the voyage of an object of certain shape in space, using a software application.

This project is an application of shapes and motions in computer graphics.

PROJECT

TITLE: "EMR MODEL FOR CONTENT BASED IMAGE RETRIEVAL"

In this project, the Efficient Manifold Ranking (EMR) algorithm which extends the original manifold ranking to handle large scale databases is proposed. EMR addresses the short comings of original manifold ranking from two main perspectives, Firstly the scalable graph construction and Secondly, efficient computation. The experimental results demonstrate that EMR is feasible to large scale image retrieval systems as it significantly reduces computational time.

LANGUAGES KNOWN

English,Hindi, Kannada, Telugu, Tamil

CAREER OBJECTIVES

To be a successful professional in a Globally Respected Company and to achieve objective of the company with honesty and fairness and to upgrade my knowledge and skills.

OTHER INTERESTS

Playing Badminton

Reading Books

COMPUTING PROFICIENCY

Operating System : Windows

Programming Languages : C,C++,Java

Web Development : HTML

Application Software : MS Office

Declaration

I hereby declare that above furnished particulars are true to the best of my knowledge and belief.

SanjanaP

Place : Bangalore Signature of Candidate