8. PUBLICATIONS

This is last chapter of the thesis, consists of a number of journal papers, framing text, conference papers that links together into the report of a unified body of original work. There are several papers presented and published by me in different national and international journals, seminars and conferences. There were many challenges faced towards publication of our papers in computer science and engineering related journals, conference and seminars. This research thesis shall be presented as conventional thesis by our publications. Following papers are published by me during the research study. First, I gave the detail of published online papers within a specific format such as Name of the paper; Authors (in Sequence); Name of the Journal or Conference; ISSN (if any); Vol& Issue No.; Month-Year; Pageno which are as followed:
I have done research on Rich Client Platform concept and work on Eclipse Platform. My main consideration is on Plug Ins in Rich Client Programming and how can we develop it on Eclipse Platform. I have organized theoretical aspects related to implementation of Rich Client Programming in literature. After organizing theoretical aspects related to implementation of Plug Ins, I go through the practical aspects of it. I have also gone through its benefits and limitations. For this I have collected information from research papers, the internet, articles and white papers.

This research explores the Eclipse both as a plug-in based Rich Client Platform (RCP) and as a Java IDE. The main contribution of the thesis is to form an extensive and up-to-date description of the Eclipse phenomenon with its Rich Client Platform. For understanding the Rich Client Platform & Plug-In I have written a Plug-in entitled “Earth-Navigator” on RCP. This is a powerful, real-life application using JOGL and the National Aeronautics and Space Administration (NASA) World Wind SDK. The application is a 3D Earth navigator, similar to Google Earth. It uses the following components:

- The World Wind Java (WWJ) SDK, which allows developers to embed World Wind’s Geospatial visualization technology (which uses NASA’s geospatial data) in their own Applications.

- The Google Geocoding API, which allows to find the specific latitude and longitude for an address.

I have also presented and published my research work in national conference at MBM, Jodhpur and Marudhar Engineering College, Bikaner. Beside this, some of my papers published in International Journal in India and Mauritius. All of this information of paper publication during this research time is listed below:

8.1 DETAILS OF PUBLICATION IN JOURNALS:

*Details of Papers Presented in International Journal*
8 Publications

  

- Paper published on "Refactoring-Way for Software Maintenance" in International Journal of Mauritius “IJCSI Volume 8, Issue 2, March 2011” ISSN (Online): 1694-0814 Pg:565-570
  

  

- Paper published on "OpenGL, Standard Environment for Graphical System" in International Journal of “International Journal of Business and Engineering Research (IJBER)” ISSN: 0975-0479; Pg:45-48

8.2 DETAILS OF PAPERS PRESENTED & PUBLISHED IN NATIONAL CONFERENCE.


- Paper presented on “Approaches towards Guaranteed Performance in High Speed WAN” in national Conference on Promoting the Application of Maths in Engineering and Technology (PAMET 2010) at Marudhar Engineering College, Bikaner (16-17 Apr 2010)

- Paper presented on “Cryptography: RSA Algorithm” in national Conference on Promoting the Application of Maths in Engineering and Technology (PAMET 2010) at Marudhar Engineering College, Bikaner (16-17 Apr 2010)