SSN COLLEGE OF ENGINEERING
Department of Computer Science and Engineering
CS6712 Grid and Cloud Computing Laboratory

<u>**Assignment -2 : Developing a Web Service for Simple Calculator Using Apache Axis**</u>

Assigned Date: 26.06.2017.   **Due Date: 27.06.2017 & 30.06.2017**

I. Develop a Web Service for simple calculator using Apache Axis

1. Install Axis2 plug-in in Netbeans IDE

   https://www.youtube.com/watch?v=JY7yGCTvMZY

   URL for Plugins:

   http://deadlock.netbeans.org/hudson/job/nbms-and-
   javadoc/lastStableBuild/artifact/nbbuild/nbms/updates.xml.gz

2. Configure Apache Axis WAR files on Tomcat or Glassfish server

   <Follow the YouTube link given above>

3. Create Calculator Web service using Apache Axis.

   i.   http://aragorn.pb.bialystok.pl/~dmalyszko/PaWWW/ps34-axix2.htm

   ii.   https://codezone4.wordpress.com/2012/11/03/java-web-service-with-apache-
           axis2-in-netbeans/

4. Deploy the web service on server and test the web service.

II. Steps to install Apache Axis manually and to run java code in terminal.

1. Install Apache Axis

   https://axis.apache.org/axis2/java/core/docs/installationguide.html

2. Develop a POJO web service for calculator using Apache Axis on Apace Tomcat

   https://axis.apache.org/axis2/java/core/docs/pojoguide.html