

# AN ADVANCED ARCHITECTURE FOR WEB SERVICE COMPOSITION

Submitted by:

**VISHRUTI N PRAJAPATI**

Enrollment No.:140370702523

Semester: IV, M.E. (CE)

Guided by:

**Mohammed Husain Bohara**

Asst. Prof, Computer Science and Engineering Dept.  
Parul Institute of Engineering & Technology,  
P.O: Limda, Ta.: Waghodia, Dist.: Vadodara

A **Thesis** Submitted to  
Gujarat Technological University  
In Partial Fulfillment of the Requirements for  
The Degree of Master of Engineering  
In **Computer Engineering**

May – 2016



**Computer Science and Engineering Department,  
Parul Institute of Engineering & Technology  
P.O: Limda, Ta.: Waghodia, Dist.: Vadodara**

# **An Advanced Architecture For Web Service Composition**

**Submitted By**

Vishruti N Prajapati

**Supervised By**

Asst. Prof. Mohammed Husain Bohra

Computer Science and Engineering

Parul Institute of Engineering and Technology,

Limda, Vaghodia

Vadodara

## **ABSTRACT**

Web Service Composition will help to combine multiple services for creating the new valuable services. As, Many research has been done for automatic web service composition, but still, to create good reliable and scalable composition is challenging work. Some research paper used four stage nested composition to describe Atomic Webservice Composition. To achieve scalable composition, workflow orchestration works in multilevel-composition[6]. Furthermore, partial recommendation of web service is done through execution log[7]. In this proposed architecture, will focus on giving more scalable and reliable web service composition with lower computation cost in selection time.