

Optimisation Based Dynamic Resources Allocation Strategy In Cloud Computing

Sanjay¹ and Dheeraj²

M.Tech Scholar, Department of Computer Science¹

Assistant Professor, Department of Computer Science²

Sat Kabir Institute of Technology and Management, Jhajjar

Abstract: *Cloud Computing has been evolved with various techniques for satisfying the needs of the users with an aim to reduce the cost and offer the better result. The users' need may include sharing of resources like memories, processors, apps, information, data, applications etc., whereas, performance should be in terms of improved DC processing period & response-time. Apart from above-said, there is also a requirement to manage the stability of the system and flexible to make the amendments in the system. Static data is used to optimize the project schedule. However, the traditional ACO does not take into account the personnel allocation matrix when scheduling projects. The ACO model is not a suitable solution to the scheduling problem. The classic ACO methodology operates in two phases: the first phase uses an event-based scheduler to address the complex planning issue.*

Keywords: Cloud computing, PSO, ACO, GA.

