Atria Institute of Technology
Bengaluru – 560024
Approved by AICTE | Affiliated to VTU Belagavi | Accredited by NAAC
Department of Computer Science and Engineering

Date: 18/1/2023

DETAILS OF THE INNOVATIVE TEACHING METHODS USED BY THE FACULTY

Academic Year	2022-2023
Subject Name and Subject code	Automata theory and computability-18CS54
Faculty Name	Keerthi P
Semester	Vsem (A& B)
Name of the Innovative Teaching Methods used	Project based Learning and active learning
Short Description Innovative Teaching Activity	Automata Theory and computability (ATC) deals with the study of abstract models of machines that perform computations on an input by moving through a series of states or configurations. A series of active learning and innovative teaching helped students to adopt and think about the subject in a realistic way. • Physical model • Animation • Coding
Number of students got benefited	120
Number of students involved in the activity.	120
Venue of the Activity	AC-403&AC-404
Date of the Event	17th jan 2023
Whether the work can be Reproduced and Reviewed	Yes
Details are available in the college website.	Yes
Photograph for the event	

Contents of the Event	Computer Science department has organized a Project Expo on **Outcome Based Education-Innovation Teaching and Learning** for the subject Automata theory and computability-18CS54 - focuses on problem based learning and active learning on real-time collaboration to the students of V semester B. E students in order to learn and understand the concepts of Theory of computability.
Impact Analysis after using this Innovative Teaching Methods used.	Students understood the concept in detail and the purpose of the subject in their curriculum and implementation of real applications based on the subject
Feedback from the students	Excellent Very innovative method helped us to learn a lot Helped us to understand the concepts in reality Made us to learn practically
Relevance to PO and PSO	**PO3,PSO3**
Any comments or Suggestions from the Programme Coordinator	Please make the contents available in website

Signature of the Faculty	**Signature of the HOD**
	18/01/23 Dr. Aishwarya P Professor & Head CSE Atria Institute of Technology Bangalore - 560 024