STRUCTURAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. JSR PRASAD**	Department:	**Structural Engineering**
Regulation:	**IARE - R18**	Batch:	**2019-2021**
Course Name:	**NUMERICAL ANALYSIS LABORATORY**	Course Code:	**BSTB20**
Semester:	**II**	Target Value:	**70% (2.1)**
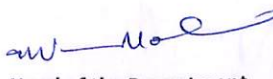
Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Analyze the roots of non-linear equation using bisection and newton's method.	3.00	0.00	3	Attained
CO2	Evaluate the curve fitting by using method of least squares approximations.	3.00	0.00	3	Attained
CO3	Determine the linear system of equations using gauss elimination, gauss seidal and gauss Jordan methods.	3.00	0.00	3	Attained
CO4	Solve the integrations numerically using trapezoidal and simpson's rule.	3.00	0.00	3	Attained
CO5	Explain the numerical solution of ordinary differential equations using Euler's Method.	3.00	0.00	3	Attained
CO6	Analyze the numerical solution of ordinary differential equations by using Runge- Kutta Method.	3.00	0.00	3	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

Course Coordinator　　　　　**Mentor**　　　　　**Head of the Department**