



**SASTRA**  
ENGINEERING • MANAGEMENT • LAW • SCIENCES • HUMANITIES • EDUCATION  
**DEEMED TO BE UNIVERSITY**  
(U/S 3 of the UGC Act, 1956)



THINK MERIT | THINK TRANSPARENCY | THINK SASTRA

## SCHOOL OF COMPUTING

THANJAVUR – 613 401

### Bonafide Certificate

This is to certify that the report titled “**Optimized convolutional neural network using grasshopper optimization technique for enhanced heart disease prediction**” submitted as a requirement for the course, **CSE300-MINI PROJECT** for B.Tech. is a Bonafide record of the work done by **Mr. Ch Yaswanth Venkata Ganesh Prasad** (Reg. No: 126156024, B. Tech CSE(AIDS)), **Mr. Alam S Rishi Reddy** (Reg. No: 126156007, B. Tech CSE(AIDS) ) during the academic year 2024-25, in the School of Computing, under my supervision.

**Signature of Project Supervisor**

**Name with Affiliation : DR. IMMACULATE REXI JENIFER P, AP-II, SOC**

**Date : 06.05.2025**

**Mini Project *Viva voce* held on 23/05/2025**

**Examiner 1**

**Examiner 2**