

## DETAILS REQUIRED FOR UPLOADING THESIS IN SHODHGANGA

Department : Computer Science  
Guide : Dr.R.Vijayabhanu  
Name of the Researcher : S.Chithra  
ORCiD :

### **DEGREE DETAILS**

Registration Date : 4-01-2019  
Completed Date : 14-08-2025  
Awarded Date : 14-08-2025

### **THESIS DETAILS**

Title : A Framework for Developing an Enhanced Convolutional Neural Network-based Ensemble Learning Model for Alzheimer's Disease Classification using MRI Brain Images

Alternative Title (or Subtitle) : -

Abstract (Enclosed) : Yes

Note : This study proposes an enhanced CNN-based ensemble learning framework for classifying Alzheimer's disease using MRI brain images. It integrates advanced preprocessing, feature extraction, and optimized ensemble techniques to improve accuracy, address class imbalance, and support early diagnosis.

Keywords : Alzheimer's Disease, MRI, Early Detection, CNN, Ensemble Learning, Transfer Learning, BAGGING\_SVM, BAGGING\_NEAT

Language : English

Coverage (e.g. English Literature) : English

Citation Reference : 110

(No. of Reference / Bibliographic Records)

### **SUBMISSION DETAILS**

Pagination (inclusive of Annexures) : 200

Dimension (e.g. 35cm) : 210 x 297 mm

Accompanying Material (e.g. CD/DVD/None) : CD

  
Signature