

Fig. 1. The schematic of BPNN model for prediction of CO₂ loading of tertiary amine solutions.

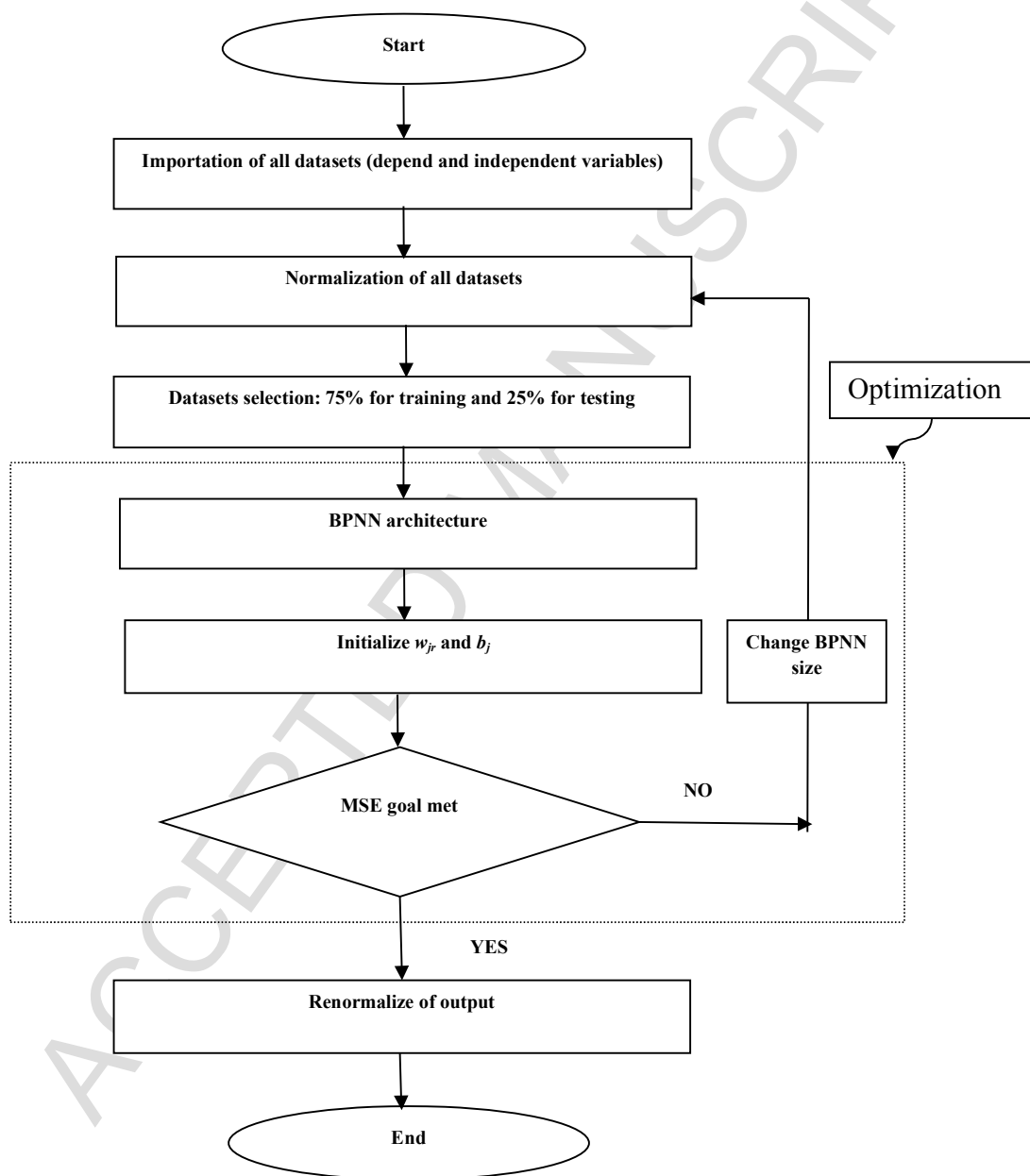


Fig. 2. The flow chart applied in the training of BPNN model.

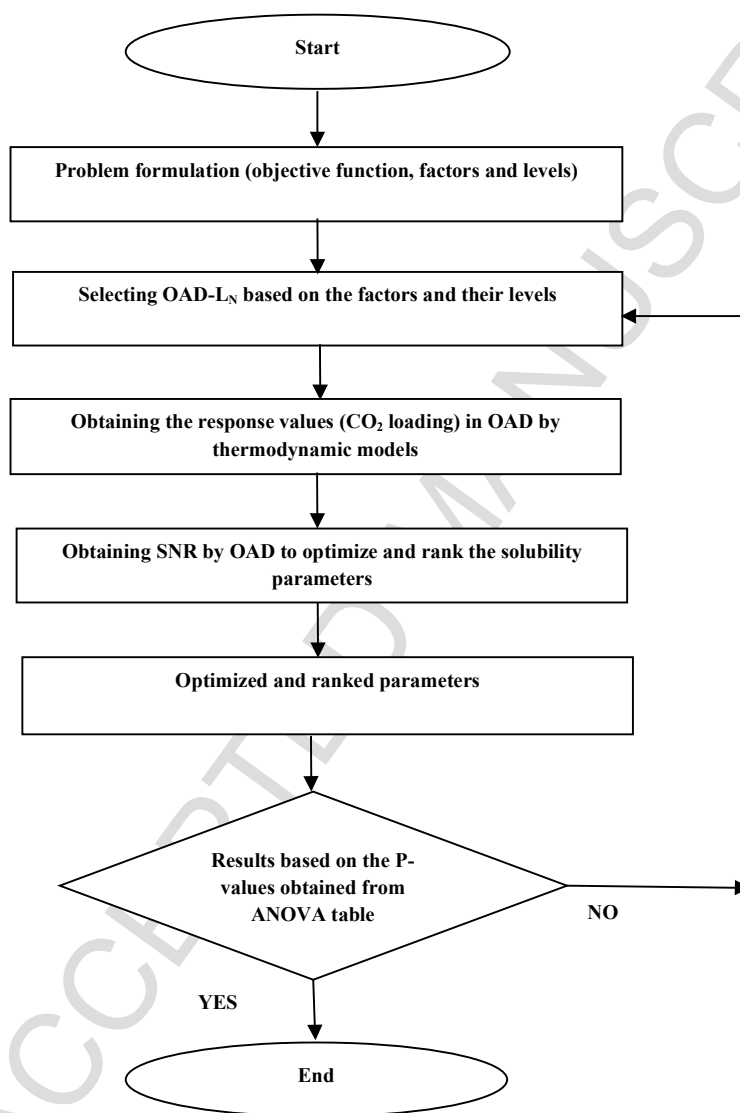


Fig. 3. The flow chart for a developed thermodynamic-statistical framework to assess CO₂ absorption capacity of novel amine solutions.