

**ANNA UNIVERSITY: CHENNAI 600025****BONAFIDE CERTIFICATE**

Certified that this thesis titled “**DESIGN OF OBSERVER BASED NONLINEAR MODEL PREDICTIVE CONTROLLER FOR CONTINUOUS STIRRED TANK REACTOR**”, is the bonafide work of **Mr. R. SENTHIL** who carried out the research under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an early occasion on this or any other candidate.

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