

**STUDIES ON THE POTENTIAL OF TRANSEPIDERMALLY  
DELIVERED NEUROPROTECTIVE AGENT(S) LOADED  
NANOCONSTRUCTS THROUGH MICRONEEDLE INDUCED  
SKIN MICROCONDUITS IN MANAGEMENT OF DEMENTIA**

A thesis submitted to

**THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA**

for the award of the degree of

**DOCTOR OF PHILOSOPHY  
in  
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By  
**PRAVEEN KUMAR**

Under the guidance of  
**DR. HETAL P. THAKKAR**



PHARMACY DEPARTMENT  
FACULTY OF PHARMACY  
THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA  
KALABHAVAN, VADODARA-390001

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