

PUNJAB ENGINEERING COLLEGE, CHANDIGARH (DEEMED TO BE UNIVERSITY)

CANDIDATE'S DECLARATION

I hereby certify that the work which is being presented in the thesis entitled "
" in partial
fulfillment of the requirements for the award of the Degree of Doctor of Philosophy and submitted in the
Department of of the Punjab Engineering
College, (Deemed to be University), Chandigarh is an authentic record of my own work carried out during
a period from under the
supervision of The matter
presented in the thesis has not been submitted by me for the award of any other degree of this or any
other Institute.
Signature of the Candidate
This is to certify that the above statement made by the candidate is correct to the best of my (our)
knowledge.
Dated: Signature of Supervisor(s)