



Dayalbagh Educational Institute
(Deemed University)
Dayalbagh, Agra

Faculty of Engineering
GURUMUKH DAS,

having presented a thesis on the topic
DESIGN AND OPERATIONAL ANALYSIS OF VIRTUAL
CELLULAR MANUFACTURING SYSTEMS

and passed the prescribed examinations, has been
admitted in the year 2019 to the degree of

Doctor of Philosophy

in the Department of Mechanical Engineering
of this Institute.

Roll No. ----

Dated 11 January, 2019

Controller
of Examination

Director