



Dayalbagh Educational Institute
(Deemed University)
Dayalbagh, Agra

Faculty of Engineering
ANKIT SAHAI,

having presented a thesis on the topic

FINITE ELEMENT MODELING, OPTIMIZATION AND
EXPERIMENTATION OF ECAP PROCESS FOR
DEVELOPMENT OF ULTRA FINE GRAIN MATERIALS

and passed the prescribed examinations, has been
admitted in the year 2017 to the degree of

Doctor of Philosophy

in the Department of Mechanical Engineering
of this Institute.

Roll No. ----

Dated 21 April, 2018


Registrar


Director