



**Department of Education [CASE]**  
Faculty of Education and Psychology  
The Maharaja Sayajirao University of Baroda  
Vadodara 390 002  
Phone: 0265 2795516, 2792631, 2784969

---

## **CERTIFICATE**

*This is certified that the thesis entitled 'Development and Implementation of an Open Book Environment in Teaching Social Science among Standard VIII Students' submitted by Milton Jana to The Maharaja Sayajirao University of Baroda, for the degree of **Doctor of Philosophy (Ph. D.) in Education** is a record of bonafide research work carried out by him under my supervision and guidance. The result embodied in the same has not been submitted elsewhere for the award of any degree or diploma. It is further stated that the doctoral research was carried out for fulfilling the requisite attendance criteria as per **O. Ph. D.: 3 (i)** of The M. S. University of Baroda, Vadodara.*

**27<sup>th</sup> June, 2018**  
**Vadodara**

**Prof. Ashutosh Biswal**  
Professor  
Department of Education (CASE)  
Faculty of Education and Psychology  
The M. S. University of Baroda  
Vadodara – 390002