

**DEPARTMENT OF PHYSICS**  
**UNIVERSITY OF NORTH BENGAL**  
P.O. NORTH BENGAL UNIVERSITY  
SILIGURI  
DIST. DARJEELING (WB)  
PIN: 734430 INDIA



Railway Station: New Jalpaiguri (NFR)  
Airport: Bagdogra  
Phone: 0353-2582107 Fax: 91-353-2581546  
E-mail: sk\_ghosal@yahoo.com

Date: June 10, 2005

## **TO WHOM IT MAY CONCERN**

This to certify that the investigations reported in this thesis entitled “**Conceptual Questions in Relativistic Sagnac Effect and Related Issues**” by Mr. **Biplab Raychaudhuri** has been carried out here by the candidate himself under my supervision and guidance. He has fulfilled all the requirements for the submission of the thesis for Ph.D. degree of the University of North Bengal. Although the research work presented in this dissertation has been performed in collaboration with others, much of the work has been performed by him and his contribution is quite substantial. In character and disposition Mr. **Biplab Raychaudhuri** is fit to submit the thesis for Ph. D. degree.

Prof. S. K. Ghosal  
Professor of Physics  
(Supervisor)