

CERTIFICATE

I certify that **APARNA GHOSH** has prepared the thesis entitled, **FABRICATION AND CHARACTERIZATION OF SOLID-STATE GAS SENSORS** for the award of Ph.D. degree of the University of North Bengal, under the guidance of Dr. Suman Chatterjee. She has carried out the work at the Department of Physics, University of North Bengal. No part of this thesis has formed the basis for the award of any degree or fellowship previously.

Suman Chatterjee
21/12/2020

Dr. Suman Chatterjee

Department of Physics

University of North Bengal

Darjeeling 734013, India

E-mail: suman_chatterjee@hotmail.com

Associate Professor
Department of Physics
University of North Bengal

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21/12/2020

Associate Professor
Department of Physics
University of North Bengal

Aparna Ghosh
21/12/2020


21/12/2020

Head
Department of Physics
University of North Bengal