



## Vidyasagar University

Midnapore -721102, West Bengal

### *Department of Bio-Medical Laboratory Science & Management*

Dr. Sandip Chattopadhyay, M.Sc., Ph.D.

Associate Professor

Biomedical Laboratory Science and Management

Phone: 7908672986

email: [sandipdoc@yahoo.com](mailto:sandipdoc@yahoo.com), [sandipdoc@mail.vidyasagar.ac.in](mailto:sandipdoc@mail.vidyasagar.ac.in)

---

### To whom it may concern

This is to certify that the research work embodied in the present thesis entitles “**Consequence of dietary n-acetyl cysteine on arsenic mediated female reproductive hazards**” has been carried out and completed by MOUMITA DASH under my supervision and this work has not been submitted by any other degree or diploma of this or other university or institute.

I recommended submission of her thesis entitled “**Consequence of dietary n-acetyl cysteine on arsenic mediated female reproductive hazards**” to this university for the purpose of awarding the Degree of Doctor of Philosophy in Science. I wish her every success in life.

*Sandip Chattopadhyay*  
Dr. Sandip Chattopadhyay 01/11/21

Supervisor

DR. SANDIP CHATTOPADHYAY  
Associate Professor, M.Sc. Ph.D  
Dept. of Biomedical Laboratory Science & Management-II  
Vidyasagar University  
Midnapore