


## **CERTIFICATE FROM THE SUPERVISOR**

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I certify that Mr. **Pritam Guha** has prepared the thesis entitled **“PHYSICOCHEMICAL STUDIES ON LIPOSOME MIMETIC SYSTEMS AND THEIR COMPLEXES WITH BIOLOGICALLY RELEVANT POLYMERS”** for the award of Ph.D. degree from the University of North Bengal, under my guidance. He has carried out the work at the Department of Chemistry, University of North Bengal.

No parts of this thesis have formed the basis for the award of any degree or fellowship previously.

  
**Amiya Kumar Panda**

Date: 09/02/2018

**AntiPlagiarism Report of Ph.D Thesis**

**Title of the Thesis: PHYSICOCHEMICAL STUDIES ON LIPOSOME MIMETIC SYSTEMS AND THEIR COMPLEXES WITH BIOLOGICALLY RELEVANT POLYMERS**

**Urkund Analysis Result**

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**Sources included in the report:**


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<https://aaltodoc.aalto.fi/handle/123456789/2456>  
<http://www.academia.edu/29412230/>  
Ion\_Pair\_Amphiphile\_A\_Neoteric\_Substitute\_that\_Modulates\_the\_Physico-Chemical\_Properties\_of\_Biomimetic\_Membranes  
<http://www.mdpi.com/2306-5354/4/4/84/pdf>

**Instances where selected sources appear:**


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Pritam Guha

Signature of the Candidate



Signature of the Supervisor

 09/02/18

Signature of the HOD, Chemistry