

## Sumita Das, Ph.D.

Assistant Professor (Mathematics)  
Asian University for Women  
20/G, M.M. Ali Road  
Chittagong-4000, Bangladesh  
Cell: +88-01714-073605; E-mail: sumitadaschy@gmail.com

**Contact address:** C/O, Ratan Chowdhury, House No. 65 (Taqwa), Flat No. A2,  
Road-3, Block-A, Hill View R/A, Chittagong-4211, Bangladesh

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### Education:

<u>Degree</u>	<u>Dates attended</u>	<u>Institute</u>	<u>Grade</u>
Ph.D. (Computational Science)	<i>Apr 2015 – Oct 2018</i>	Dept. of Computational Sci. and Eng. Nagoya University, Japan	-
M.S. (Mathematics)	<i>Mar 2009 – Feb 2011</i>	University of Chittagong, Bangladesh	3.58/4.00
B.Sc. (Mathematics)	<i>Jun 2003 – Feb 2009</i>	University of Chittagong, Bangladesh	3.72/4.00

### Professional Experiences:

Math Instructor	<i>Jul 2019 – Aug 2019</i>	Math and Science Summer School 2019, Asian University for Women, Chittagong, Bangladesh
Research fellow	<i>Apr 2018 – Feb 2019</i>	Dept. of Computational Sci. and Eng. Nagoya University, Japan
Research assistant	<i>Apr 2015 – Mar 2018</i>	Dept. of Computational Sci. and Eng. Nagoya University, Japan
Technical assistant	<i>Apr 2014 – Mar 2015</i>	Dept. of Computational Sci. and Eng. Nagoya University, Japan
Teacher	<i>Sep 2011 – Dec 2013</i>	Cider International School, Chittagong-4219, Bangladesh
Assistant teacher	<i>Dec 2010 – Aug 2011</i>	Dew Point School, Chittagong-4216, Bangladesh

### Awards & Honors:

<i>Nov 2016</i>	Student presentation award for “A stochastic simulation study on the correlation between circadian oscillation and ATPase activity of KaiC hexamer”, 54 <sup>th</sup> annual meeting of The Biophysical Society of Japan.
<i>Apr 2016</i>	Otsuka Toshimi Foundation Scholarship, Japan (Apr 2016-March 2017)
<i>July 2011</i>	NSICT fellowship, Ministry of Science and Information & Communication Technology (MOSICT), Bangladesh

June 2010 Chittagong University Scholarship, Chittagong, Bangladesh

Jan 2006-2008 Scholarship of Bangladesh Scholarship Council (BSC)

## Skills & Activities:

*Skills* Mathematical modeling and simulation using cyanobacterial circadian clock, programming language Fortran, GNU plot.

*Languages* English (near-native level), Japanese (basic conversation level), and Bangla (native)

**Group membership:** The Biophysical Society of Japan

## Publications:

1. **Sumita Das**, Tomoki P. Terada, and Masaki Sasai (2018). Single-molecular and ensemble-level oscillations of cyanobacterial circadian clock. *Biophysics and Physicobiology*, **15**: 136-150. doi:10.2142/biophysico.15.0\_136
2. **Sumita Das**, Tomoki P Terada, Masaki Sasai (2018); Single-molecular and Ensemble-level Oscillations of Cyanobacterial Circadian Clock. *bioRxiv* 278184; doi: 10.1101/278184
3. **Sumita Das**, Tomoki P. Terada, and Masaki Sasai (2017). Role of ATP Hydrolysis in Cyanobacterial Circadian Oscillator. *Scientific Reports*, **7**:17469. doi:10.1038/s41598-017-17717-z

## Personal particulars:

Name : Sumita Das  
Father's name : Jiban Krishna Das  
Mother's name : Chanabati Das  
Permanent Address : Char Amanullah, Char Bata, Char Jabber, Noakhali  
Date of Birth : 01 January, 1984  
Nationality : Bangladeshi  
Religion : Hindu  
Sex : Female  
Marital Status : Married  
Blood Group : AB+ ('AB' Positive)  
Hobby : Traveling, Reading, Gardening and Cooking  
Strength : Honesty, energetic, communicative, committed and hard working

## References:

**1. Masaki Sasai, PhD**

Professor

Nagoya University, Japan

E-mail: sasai@nuap.nagoya-u.ac.jp

Phone: + 81-52-789-4763

**2. Abu Shadat M. Noman, PhD**

Professor

McGill University, Canada

E-mail: abu.noman@mcgill.ca

Phone: +1-438-985 5671

**3. Ganesh Chandra Ray, PhD**

Professor

University of Chittagong,

Bangladesh

E-mail: gcray07@yahoo.com

Phone: +88- 01712-930030