

# HIRALAL BHAKAT COLLEGE

A Govt. Aided Degree College Affiliated to the University of Burdwan



**Dr. Banshidhar Sahoo** is an Assistant Professor in the department of

Mathematics of Hiralal Bhakat College,

Nalhati, Birbhum, West Bengal. He obtained his Ph.D. degree from University

of Calcutta, Kolkata, India, in 2015. He

stood first in M.Sc. from Vidyasagar University in 2008. He was the recipient of

Sabitri Parya Memorial Endowment Gold

Medal and Shyamdeo Singha Memorial Endowment Gold Medal. He is interested on the subject area of Analysis, Calculus,

Geometry and Computer Programming

in teaching level. His research interest is

on the field of Bio-Mathematics and Non-

linear Dynamics. He has to his credit more than 36 research papers published in national and international journals. He is

an author of a book -MCQ Mathematicsa guide for exam success published by

Techno World, Kolkata, in 2016. This book is received great popularity to the students and teachers in whole country.

He is a reviewer of many national and

international journals. He is the Convenor

of Online admission committee and

members of various committee of the

# DR. Banshidhar Sahoo

# Assistant Professor in Mathematics

# **DATE OF JOINING**

20.03.2017

#### **EXPERIENCE**

4 years

#### **AREA OF TEACHING**

Algebra, Analysis, Calculus, Geometry

#### **ACADEMIC QUALIFICATION**

M.Sc. from Vidyasagar University in 2008, Ph.D from University of Calcutta in 2015.

# **AREA OF SPECIALIZATION/ MAJOR RESEARCH THRUST**

- Bio-Mathematics
- Non-linear Dynamics
  Mathematical Modelling

#### **PROJECT UNDERTAKEN**

NA

# **FIVE MAJOR AWARDS/RECOGNITIONS (IF ANY)**

- Vidyasagar University Gold-centered Silver Medal, 2008.
- Sabitri Parya Memorial Endowment Gold-centered Medal, Vidyasagar University, 2008.
- Shyamdeo Singha Memorial Endowment Gold-centred Medal, Vidyasagar University, 2008.

# CONTACT

College.

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### **RESIDENTIAL ADDRESS:**

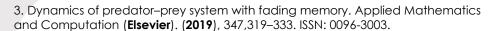
Vill-Chakgarupota, P.O.-Dobandi, Dist-Purba Medinipur, Pin-721647, W.B.

**HOBBIES:** Music and drawing

### **FIVE MAJOR PUBLICATIONS**

- 1. A comparison of ecological and eco-evolutionary system with rapid predator evolution. International Journal of Dynamics and Control (**Springer**). (**2020**), 9, 1-19. ISSN: 2195-268X.
- 2. Emergent impacts of alternative resource in cannibalistic predator–prey system, Modeling Earth Systems and Environment (**Springer**) (**2020**). DOI:10.1007/s40808-020-00884-w.

ISSN: 2363-6211.



- 4. Dynamics of an epidemic system with prey herd behaviour and altenative resource to predator. Journal of Physica A: Mathematical and Theoretical (IOP Science). (2019), 52, 425601. ISSN: 1751-8121.
- 5. Prey-predator dynamics with prey refuge providing additional food to predator. Chaos, Soliton & Fractrals (**Elsevier**) (**2017**). 96, 110-119. ISSN: 0960-0779.

# **FIVE MAJOR BOOKS/ BOOK CHAPTERS**

- 1. MCQ Mathematics- a guide for exam success. Techno World, Kolkata. (2016). ISBN: 978-81-926695-5-7 (1st Edition).
- 2. MCQ Mathematics- a guide for exam success. Techno World, Kolkata. (2020). ISBN: 978-81-926695-5-7 (5<sup>th</sup> Edition).

# Research Gate Id

https://www.researchgate.net/profile/Banshidhar-Sahoo

# Google scholar Id

http://scholar.google.co.in/citations?user=e78c9rsAAAAJ&hl=en

#### Orcid Id

0000-0002-3610-0199

#### **ADDITIONAL INFORMATION/ACHIEVEMENT**

- 1. Engage as co-supervisor of a Ph.D. Student Arghadip Roy, NIT, Durgapur.
- 2. Member of Calcutta Mathematical Society, Kolkata.

