

## Personal Details

### TAPAS KUMAR GHOSH

ASSISTANT PROFESSOR,  
DEPARTMENT OF COMPUTER SCIENCE, BANKURA SAMMILANI  
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**Date of Birth** : 21/11/1974  
**Educational Qualification** : M.Sc. (Mathematics), MCA  
**Permanent Address** : Vill-Parsahapur, P.O-Bitra,  
Dist.-Burdwan  
Pin-713422, West Bengal, India  
**Email** : [tapas\\_bsc38@yahoo.co.in](mailto:tapas_bsc38@yahoo.co.in)  
**Date of Joining** : 20/09/2008  
**Areas of Teaching** : C Programming, Discrete Mathematics, Operating Systems,  
Automata Theory, Information Security.  
**Research Interest** : Cryptography

## List of Research Papers in National / International Journal

**A conversion algorithm of text messages into elliptic curve points** – Advances and applications in Mathematical Science., Vol- 21, issue 9, July 2022

**Perception and Preference of Under Graduate Students on Different Parameters of Online Education during COVID-19 in South Bengal, India** – Bioscience Biotechnology Research Communication, Vol 15 No (1), Jan-Feb-March 2022

**Blockchain in Education- A Survey** – International Journal of Early Childhood Special Education (INT- JECSE) DOI: 10.9756/INT-JESCE/V1412.661 ISSN: 1308-5581, Vol 14, Issue 02 2022

**An Efficient and secure Fingerprint Based Authentication Scheme using Elliptic Curve cryptography** – Webology (ISSN: 1735-188X), Vol- 19, Number 2, 2022

**Towards Development of a Smart Elephant Detection System to Mitigate Human- Elephant Conflict in South Bengal, India- A Proposal** – Indian Journal of Natural Sciences, Vol. 13/ Issue 71/ April/ 2022

**Towards More Efficient 3NF Determination Using Reduced Functional Dependency Sets** - Advances and applications in Mathematical Science, Vol- 21, Issue 11, September 2021

**A Pseudo Random Number Generator Using Point Operations on Elliptic Curves** – JETIR, February 2019, Vol- 16, issue 2

### List of Books / Book Chapters

N/A

### Papers presented in National /International seminars / conferences / workshop

Sl. No.	Name of the Conference	Venue	Duration	National/ International	Title of the paper presented
1.	Quality of Teaching Learning in Higher Education in India: Concerns and Challenges	Bankura University	August 24 – 25, 2018	International	Threats and Protection of Online Distance Education.
2.	Recent Trends in Mathematical Sciences(RTMS-2019)	The University of Burdwan	February 06-07, 2019	National	A Pseudo Random Number Generator
3.	Advances in Data Science and Computing Technologies	Kazi Nazrul University	June 23-24, 2022	International	A survey on Applications opportunities and Future Directions of BLE Beacons

### National / International seminars / conferences / workshop attended

N/A

### Research projects

N/A

### Member of Professional Body

Member of Board of Studies,UG Council,BKU

### Faculty Development Courses / Programmes attended

Sl. No.	Program	Duration	Organized by
1	Refresher Course in MOOCs DEVELOPMENT AND DELIVERY.	15/09/2021 – 28/09/2021	UGC-HUMAN RESOURCE DEVELOPMENT CENTRE RANCHI UNIVERSITY, RANCHI
2	Short Term course on Disaster Management	09/03/2021 – 15/03/2021	Academic Staff College, North Bengal University

### Extra Curricular Activities

N/A