Personal Details

TAPAS KUMAR GHOSH

**ASSOCIATE PROFESSOR,**



**DEPARTMENT OF COMPUTER SCIENCE, BANKURA SAMMILANICOLLEGE, KENDUADIHI, BANKURA-722102**

Date of Birth : 21/11/1974

Educational Qualification : M.Sc.(Mathematics),MCA

Permanent Address : Suvankar Sarani, Purba Pratap Bagan

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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

**Block chain 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

**A method of Text Message Mapping in Elliptic Curve cryptosystems**–IJCSE International Journal of Computer Sciences and engineering, Vol-7, Issue-3, March 2019

List of Books/Book Chapters

**N/A**

Papers presented in National/International seminars/conferences/workshop

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Sl.*  *No.* | *Name o f 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 | June23-  24,2022 | International | A survey on Applications opportunities and Future Directions of BLE Beacons |

**N/A N/A**

National/International seminars/conferences/workshop attended

Research projects

Member of Professional Body

Member of UG Board of Studies of Computer Science and BCA, BKU

Faculty Development Courses/Programmes attended

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl.**  **No.** | **Program** | **Duration** | **Organized by** |
| **1** | **Refresher Course in MOOCs DEVELOPMENTANDDELIVERY.** | **15/09/2021–**  **28/09/2021** | **UGC-HUMANRESOURCE DEVELOPMENTCENTRE RANCHI UNIVERSITY,**  **RANCHI** |
| **2** | **Short Term course on Disaster** | **09/03/2021–** | **Academic Staff College,** |
| **Management** | **15/03/2021** | **North Bengal University** |

Extra Curricular Activities

**N/A**