



GOVERNMENT GENERAL DEGREE COLLEGE, RANIBANDH

Vill + P.O. : Rautara *P.S. : Barikul *Dist. : Bankura *Pin Code: 722135* West Bengal* India

Ph.: - +917872790264 ■ e-mail: - govtgencol.ranibandh@gmail.com ■ Website: - ranibandhgovtcollege.org

Year 2020

Department of Sanskrit

Publications in Journal

Dibbendu Roy

❖ “मानवजीवनसंरक्षणेऽथर्ववेदीयपरिवेशभावानाया उपयोगः”

(Mānavajīvanasamrakṣaṇe'tharvavedīyapariveśabhāvānāyā upayogaḥ) Page No
– 48-51, Significance of Sanskrit Literature in Preservation of Human Life”

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Year 2020

Department of Santali

Publication in Journal

Sunil Saren

- Dakshin Bankuarar (Ranibandh Block) Jangal Mahaler Santal Jatir Samajik o Arthanoitik Janajibon: Ek Adyayan. Published in 'Ebong Mahuwa' (Bangla Bhasha, Sahitya o Gabeshanadharmi Mashik Patrika), 22 tama Barsha, 120 (ko) Sangkha, April, 2020 (U.C.G.-CARE List) Magazine Serial No.-96 Department of Bengali, Arts Serial No.-32



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Year 2020

Department of Chemistry

Publications in Journal

Amar Hens

- Amar Hens 'Two hundred times enhancement of emission intensity of a heptadentate acyclic sensor coordinated with Zn²⁺ ion: synthesis, crystal structure and emission properties' Journal of Coordination Chemistry 73 (2020), 1730-1743, Print ISSN: 0095-8972 Online ISSN: 1029-0389, <https://doi.org/10.1080/00958972.2020.1795842>
- Fluorogenic sulphate anion sensor with INHIBIT logic gate by dinuclear Zn (II) complex: Synthesis, emission, DFT studies' Inorganica Chimica Acta 511 (2020) 119794, Online ISSN: 1873-3255 Print ISSN: 0020-1693, <https://doi.org/10.1016/j.ica.2020.119794>
- A combined experimental and theoretical study to explore the catecholase like activity of a hepta coordinated dinuclear Zn(II) complex' Inorganic Chemistry Communications 119 (2020) 108144, Print ISSN: 1387-7003 Online ISSN: 1879-0259, <https://doi.org/10.1016/j.inoche.2020.108144>



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Year 2020

Department of Mathematics

Publications in Journal

Dr. Prasenjit Mondal

- **Mondal, P.**, Neogy, S. K., Gupta, A. and Ghorui, D. (2020). A Policy Improvement Algorithm for Solving a Mixture Class of Perfect Information and AR-AT Semi-Markov Games. **International Game Theory Review**, World Scientific Publishing Company, ISSN: 0219-1989 (P), 1793-6675 (O), IF: 0.3 (2022), DOI:10.1142/S0219198920400083, 22(2), 204008-1—204008-19.
- **Mondal, P.** (2020). Computing Semi-Stationary Optimal Policies for Multichain Semi-Markov Decision Processes. **Annals of Operations Research**, Springer, ISSN: 0254-5330 (P), 1572-9338 (O), I.F. 4.8 (2022), DOI: 10.1007/s10479-017-2686-x, 287(2), 843–865.

Dr. Anirban Chattopadhyay

- “An analysis of thermal performance and entropy generation in a wavy enclosure with moving walls” **Anirban Chattopadhyay**, Swapan K. Pandit, Hakan F. Oztop, European Journal of Mechanics-B 79 (2020) 12-26.



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Year 2020

Department of Physics

Publication in Journal

Madhusudan Garain

- Prakitik Biporjoy Mokabilai Projuktri byabahar (প্রাকৃতিক বিপর্যয় মোকাবিলায় প্রযুক্তির ব্যবহার), এবং মহুয়া (EbongMahua) 22, Vol 126, 2020, Journal Sl. No. 42327.