Rly. Station : Berhampore Court, E.R. Phone : (03482) 251193

# BERHAMPORE GIRLS' COLLEGE

( GOVERNMENT SPONSORED )

P.O. BERHAMPORE DT. MURSHIDABAD

WEST BENGAL ❑ PIN CODE - 742101

Ref. No. ..... Dated .....

**BGC-RESEARCH GRANT: 2021**

**Status of BGC Research Grant proposals submitted for financial Grant 2021-22**

| Sl. No. | Name, Designation & Department of the PI / Co-PI | Title of Research Proposal | Status of the Proposal | Tenure of the Project |
|---|---|---|---|---|
| 1 | PI: Dr. Paramita Mondal, SACT-I, Dept. of Chemistry<br>Co-PI : Dr. Mohammed Ikbal<br>Assistant Professor in Chemistry | Design of new generation transition metal modulated mesoporous organic polymer: Multifunctional catalyst for various organic reactions via greener reaction pathway | 1st installment amounting to Rs. 25,000/-(by cheque) of the research grant disbursed. | 1st April 2022-31st March 2024 |
| 2 | PI: Subhajit Chakraborty, SACT-II, Dept. of Environmental Science<br>Co-PI: Dr. Sandip Halder, Assistant Professor in Botany | Study on present status of water quality of AhiranBeel-Its effect on existing Biodiversity and Landuse pattern | 1st installment amounting to Rs. 25,000/-(by cheque) of the research grant disbursed. | 1st April 2022-31st March 2024 |
| 3 | PI: Bhaskar Mahanayak, Assistant Professor in Zoology<br>Co-PI : Subhasree Chakraborty, Associate Professor in Economics | Studies on the ecological parameters, fish faunal diversity, fish pathology and parasitic diseases and economic analysis of aquaculture of selected inland fresh water bodies of Murshidabad district of West Bengal | 1st installment amounting to Rs. 25,000/-(by cheque) of the research grant disbursed. | 1st April 2022-31st March 2024 |
| 4 | PI- Dr. Smritiratan Tripathy, Assistant Professor in Physiology | An epidemiological study to find out the prevalence of endemic goiter and associate disorders among school children of Birbhum district in West Bengal. | 1st installment amounting to Rs. 25,000/-(by cheque) of the research grant disbursed. | 1st April 2022-31st March 2024 |
| 5 | PI: Baishali Basak, SACT-II,<br>Dept. of Physiology<br>Co-PI: Dr. Smritiratan Tripathy, Assistant Professor in Physiology | Studies on the prevalence and contributing factors of iron deficiency anemia (IDA) among college going women in Berhampore | 1st installment amounting to Rs. 25,000/-(by cheque) of the research grant disbursed. | 1st April 2022-31st March 2024 |

H Sinha
Principal 10/09/'22
Berhampore Girls' College

# Metric: 6.3.2

**Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

Name of the Faculty member: Tania Mondal

Designation: SACT

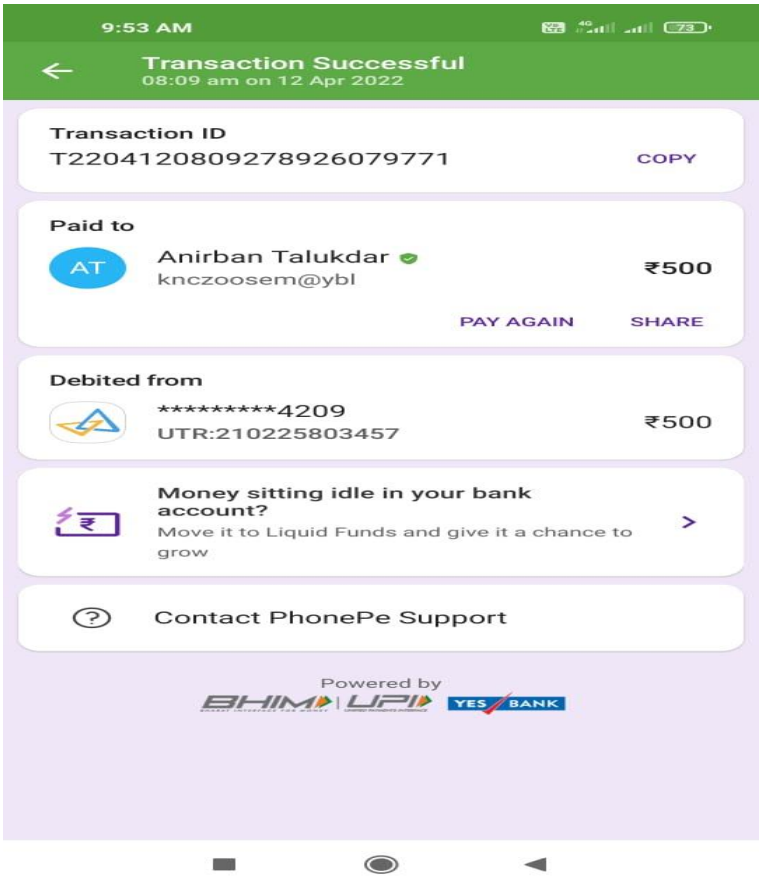
Department: Zoology

Amount of the Grant received: 500/-

Date of Receipt of the grant: 17.06.2022

Report of conference attended: It was a two days 'State level seminar on Fundamental & translational researches – Emerging perspectives' organized by Department of Zoology, Krishnath College, Berhampore held on 21st & 22nd April, 2022. I have participated on oral presentation whose topic was " PAIN – TYPES, CAUSES, INTENSITY & SIGNIFICANCE."

Photocopy of Money receipt of registration:




Money receipt of Registration

Photocopy of conference attending certificate:

State level seminar
on
Fundamental and Translational researches - Emerging perspectives

ORGANIZED BY

DEPARTMENT OF ZOOLOGY, KRISHNATH COLLEGE,
BERHAMPORE, MURSHIDABAD

This is to certify that Prof./Dr./Mr./Mrs./Ms. Tania Mondal
of Berhampore Girls' College has participated/ presented Paper / Poster / delivered an invited talk and spent 16 hours in this two day state level seminar on "Fundamental and Translational researches - Emerging perspectives" held on 21st & 22nd April, 2022, organized by the Department of Zoology, Krishnath College, Berhampore, Murshidabad, West Bengal, 742101.

Title of Talk/ Paper/ Poster PAIN- TYPES, CAUSES, INTENSITY & SIGNIFICANCE

Principal
Dr. Sujata Bagchi Banerjee
Krishnath College

Chair Person
Dr. Sanat Kumar Ray
HOD, Associate Professor

Joint Convener
Mrs. Kankana Basu
Assistant Professor

Joint Convener
Mr. Prasanta Saha
Assistant Professor

KRISHNATH COLLEGE
Berhampore, Murshidabad, West Bengal, PIN: 742101

Certificate of Excellence

This Certificate of Excellence is being presented to Shri/Smt/Dr. Tania Mondal of Berhampore Girls' College for his/her outstanding paper/poster presentation in the State-level Seminar on Fundamental & Translational Researches - Emerging Perspectives (April 21 and 22, 2022) organized by the Department of Zoology of this College.

Krishnath College wishes him/her all success in life.

Dated, Berhampore,
The 22nd April, 2022.

Dr. Sujata Bagchi Banerjee
Principal, Krishnath College
Chief Patron,
Organising Committee

Dr. Sanat Kumar Ray
Head, Zoology Dept.
Chairperson,
Organising Committee

Smt. Kankana Basu
Assistant Professor,
Joint Convener,
Organising Committee

Shri Prasanta Saha
Assistant Professor,
Joint Convener,
Organising Committee

Conference attending certificates

Photocopy of abstract:

# PAIN – TYPES, CAUSES, INTENSITY & SIGNIFICANCE

**DEBASHREE KONAR CHOWDHURY [1] & TANIA MONDAL [2]**

1. **State Aided College Teacher, Department of Zoology, Berhampore Girls' College,Berhampore, Murshidabad, Ph. No. 7031569916. debashreekonar@gmail.com.**
2. **State Aided College Teacher, Department of Zoology, Berhampore Girls' College,Berhampore, Murshidabad, Ph. No. 8900548572. mondaltania20@gmail.com.**

## Abstract

Any unpleasant feeling in the body is called Pain. It may be sharp or dull, constant or recurrent, specific to a definite body part or extended all over the body. Pain, though unpleasant, plays a significant role in survival of an organism as it acts as an indicator of some disorder or injury & seek treatment.

On the basis of persistence, pain may be classified into Acute & Chronic. On the basis of origin, it may be classified into Nociceptive & Neuropathic pain. Nociceptive pain can be further classified into Somatic & Visceral pain on the basis of site or location.

In order to sense pain, specialised sensory neurons called Nociceptors are involved that carry the stimuli to the Thalamus & then cortex of the Brain. Here, the sensory, affective & cognitive components are involved to cause the realisation of the complex experience of pain. In order to measure the intensity of pain, the Dol scale may be used which ranges from 0-10.5 Dol, defining the pain threshold.

However, it is very interesting to state that the brain system involved in the perception of pain, overlaps with the basic emotions. This explains, why fear, anxiety or anger may worsen the experience to unbearable but sympathy, care, apathy & love can give relief & bring tolerance & smile.

( Key words – Chronic, Neuropathic pain, Nociceptor, Dol, Cognitive component)

# Metric: 6.3.2

**Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

Name of the Faculty member: Debashree Konar Chowdhury

Designation: SACT

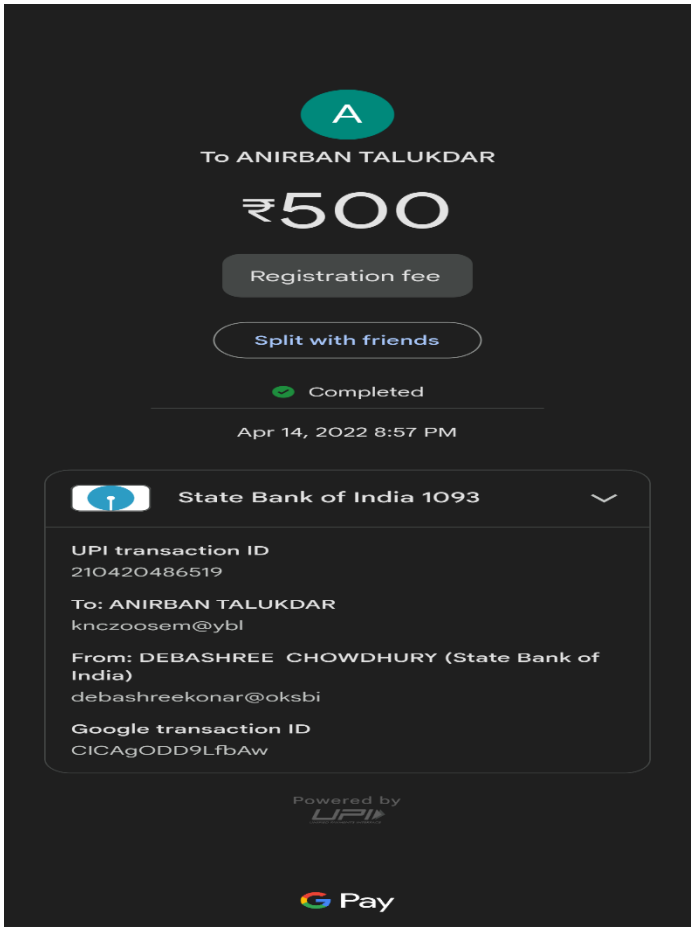
Department: Zoology

Amount of the Grant received: 500/-

Date of Receipt of the grant:

Report of conference attended: It was a two days 'State level seminar on Fundamental & translational researches – Emerging perspectives' organized by Department of Zoology, Krishnath College, Berhampore held on 21st & 22nd April, 2022. Many esteemed guests attended the Seminar. I gave an oral presentation on the topic "PAIN – TYPES, CAUSES, INTENSITY & SIGNIFICANCE."

Photocopy of Money receipt of registration:



Photocopy of conference attending certificate:


Scan 25 Apr 2022 (1).pdf


Scan 25 Apr 2022.pdf

Conference attending certificates

Photocopy of abstract:

# PAIN – TYPES, CAUSES, INTENSITY & SIGNIFICANCE

DEBASHREE KONAR CHOWDHURY [1] & TANIA MONDAL [2]

1. State Aided College Teacher, Department of Zoology, Berhampore Girls' College,Berhampore, Murshidabad, Ph. No. 7031569916. debashreekonar@gmail.com.
2. State Aided College Teacher, Department of Zoology, Berhampore Girls' College,Berhampore, Murshidabad, Ph. No. 8900548572. mondaltania20@gmail.com.

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However, it is very interesting to state that the brain system involved in the perception of pain, overlaps with the basic emotions. This explains, why fear, anxiety or anger may worsen the experience to unbearable but sympathy, care, apathy & love can give relief & bring tolerance & smile.

( Key words – Chronic, Neuropathic pain, Nociceptor, DoI, Cognitive component)