



REPORT ON Project Work

Title:

1. Effect of curcumin on the kinetics of Lactate Dehydrogenase

Name of Students: Snigdha Bhattacharjya & Priyanshu Kashyap

Mentor: Dr. Banteiskhem Kharwanlang

2. Effect of calcium on the kinetics of Lactate Dehydrogenase

Name of Students: Niri Amoni & Kritipurma Medhi

Mentor: Dr. Banteiskhem Kharwanlang

Funded by Course Based Undergraduate Research Experience (CURE) program, St. Edmund's College, Shillong

Date of Start: 22 March 2024

Date of Complete: Ongoing till March 2025

No of Days: Ongoing

Duration: 1 Year

Collaborators (if any)

Objective:

1. To train students for future project work.
2. To train students on Literature Review.
3. To train Students in Data analysis.
4. To train students in writing Project Review Report & Final Report.

Outcome:

1. Students learned the skills in inquiry, problem-solving, and communication.
2. Students were able to prepare power point presentation/ review presentation report.
3. Students were able to analyse data using MS Excel.

Feedback: Ongoing



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Central Instrument & Research Facility

St. Edmund's College
Shillong



The Central Instrument and Research Facility presents Course-based Undergraduate Research Experience (CURE) programme for students to take up curriculum-based research projects (lab-based or non-lab based) under the supervision faculty members (Mentors) of the College for one semester.

The available mentors for the Spring semester (February - June 2024) are



Sciences	Humanities	Incubation Center
Biotechnology	English	Dr. Oliver Gonsalves
Dr. Gopesh Paul	Theadora War	
Biochemistry	Social Work UG	Commerce
✓ Dr. Banteiskhem Kharwanlang	Iarisa Dorphang	Navin Chettri
Botany	Social Work PG	
Dr. Ibadahun Nonghuloo	Dr. Wandaia Syngkon	
Dr. Eros Kharshing	Ainamlin Dkhar	
Electronics	Dr. Hazel Wahlang	
Bawan Thangkhiew		
Environmental Science		
Dr. Jasmine Sawian		
Physics		
Dr. Mahesh Ram		



Interested students can click here 

LAST DATE : 16.02.2024



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Kriti Medhi performing experiment





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Snigdha Bhattacharjya & Priyanshu Kashyap



Laitumkhrah, Shillong – 793003, Meghalaya, India



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Project Students (Snigdha Bhattachariya & Priyanshu Kashyap) Preparing Review Report Presentation





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CURE Programme
St. Edmund's College
Procurement of instruments

Proposed Budget for Chemicals & Consumables

	Item	Quantity	Code	Make	Amount in Rupees	Status of Supply
1	L-Lactate Dehydrogenase from Rabbit Muscle	1	L1254-SKU	Sigma Aldrich	9468	Order Placed
2	L-Lactate Dehydrogenase from Rabbit Muscle	1	L1254-SKU	Sigma Aldrich	9468	Order to be placed as when required
3	Curcumin	1	C1386-5G	Sigma Aldrich	2660	Ordered & Received
4	β -NADH Na2	1	54941 (1 gms)	SRL	3160	Order Placed
5	Iris base	1	71033 (500 gms)	SRL	4150	To be ordered
6	Tissue Rolls	10 nos			400	To be ordered
					Total = Rupees 29,306	


Dr. Banteiskhem Kharwanlang
Department of Biochemistry.
Dated: 16th February, 2024



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CURE Programme
St. Edmund's College
Procurement of Instruments

1. Quotation for Instruments

Instrument	Quantity	Code	Make
1. Pippette	20 µl - 200 µl 100 µl - 1000 µl 1 ml - 5 ml	1 nos 2 nos 1 nos	46410805 46410805 46411105
2. Quartz Cuvette	3 nos	26000711	Sigma Aldrich

Dr. Bantokhem Kharwanlang
Department of Biochemistry,
Dated: 16 February, 2024

Dr. B. Kharwanlang
PROTECTOR GUIDE,
CURE,
ST. EDMUND'S COLLEGE.
(Signature of all members)



Dr. Omarlin Kyndiah
Associate Professor & Head
Biochemistry Department
(Signature of HOD)
Shillong