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UNIVERSITY OF NORTH BENGAL

DEPARTMENT OF BOTANY



समानो मन्त्रः समितिः समानी

RAJA RAMMOHUNPUR, SILIGURI - 734013, WEST BENGAL, INDIA, PHONE +91 353 2776337 FAX: +91 353 2699001

TO WHOM IT MAY CONCERN

This is to certify that, Ms. Abhishikta Sen of St. Edmunds College, Shillong (BSc Botany, 5th Semester) has carried out the research project entitled "In silico validation of phytocompounds from selected plants of NBU medicinal Plant Garden against cough and cold" under my supervision during her winter break (9/1/2023 to 31/1/2023) at Department of Botany, The University of North Bengal.

During this course of time, her performance and behavior with other scholars and students were good.

I wish her all success in her future endeavor.

(Prof. Manoranjan Chowdhury) Head, Department of Botany University of North Bengal

Professor Calleau Department of Botany University of North Beneal









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Recognized by the University Grant Commission under 2 (f) and 12 (B) of the UGC Act 1956 **Awarded STAR STATUS COLLEGE (DBT, Govt. of India)**















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मोर्च इंस्फो इंबेक्टिक पावर कारणोराम सिमिटेड (मिनी रत्न, श्रेणीन, भारत सरकार का उद्गरन) NORTH EASTERN ELECTRIC POWER CORPORATION LIMITED (Mini Raina, Category-L Government of India Enterprise) CIN-U40101ML1976G01001658

Memo No.NEEPCO/Pers/26/T-27/2022-23/

Dated_____/2023.

To,

Ms. Sarmistha Deb, HoD, Computer Application, St. Edmunds College, Shillong.

Sub:- Summer/Winter Training.

Ref:- Your L/No.NIL, Sir/Madam, dtd. 14/06/2023.

With reference to the above, We are pleased to allow Mr. Subhankar Deb Roy, a Bachelor of Computer Application student of your institute to undergo project training in NEEPCO at Corporate Office, NEEPCO, Shillong during the month of June-July, 2023 under the following terms & conditions.

Terms & Conditions:

- The Student concerned will have to make his/her/their own arrangement for stay including transportation during the period of summer/winter training.
- 8. No financial assistance or stipend etc. will be due to the student concerned.
- 9. The student concerned will abide by the rules & regulations of the Corporation in so far as they are applicable.
- 10. It will not be obligatory on the part of the Corporation to offer any employment to the student concerned after completion of the project training or to give preference in employment in the Corporation in future.
- 11. The student concerned are required to submit the study report to the institution after completion of their Summer/Winter Training. The same will be submitted after duly vetted by an Officer authorized for the purpose. A copy of such such report should also be submitted to the Corporation for record.
- 12. The student concerned shall not be allowed into areas considered by NEEPCO Authorities as "high security" or given access to documents/material deemed as confidential/sensitive. In any case, the students concerned must obtain security pass from the corporation as soon as they report. The Student concerned is advised to report to Smti Madonna Grace Marbaniang, General Manager(IT) NEEPCO, Shillong, on arrival at the designated place for further assignment of the training program.

Thanking You,

Yours Sincerely,

Dy. General Manager(HR),T&D., NEEPCO,Shillong.

Dated

22/06/ 12022

Memo No.NEEPCO/Pers/26/T-27/2022-23/183 -/85 '

Copy t:-

The General Manager(IT),IT Cell, NEEPCO, Shillong, for kind information & needful please.

The Dy. General Manager(Security), Security Wing, NEEPCO, Shillong, for information please.

The Concerned student, for information & necessary action.

Dy. General Manager (HR), T&D NEEPCO, Shillong.

NEEPCO, Corporate Office Brookland Compound, Lower New Colony, Shillong-03 Email id: neecco hrd@email.com

Laitumkhrah, Shillong - 793003, Meghalaya, India









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DEPARTMENT OF BIOCHEMISTRY

St. Edmund's College Laitumkhrah, Shillong-793002 (Affiliated to North Eastern Hill University)

CERTIFICATE OF INTERNSHIP

This is to certify that Monalisha Basumatary, student of Assam Don Bosco University, Sonapur, Assam having ID No. DU2022MSC0208 has successfully completed the internship programme from 10th July 2023 to 13th July 2023 in the Department of Biochemistry, St. Edmund's College, Shillong.

Countersigned

Dr. Khetbadei L.H.Hadem Supervisor

Dr. Omarlin Kyndiah Head

Dyndrah ...







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Epygen Biotech Pvt. Ltd

N 28/2, Addl. Patalganga, Maharashtra 410220, India.

Certificate of Participation

Awarded to Ms. Vanshika Jasrasaria, student of Vth Semester of B.Sc., Biotechnology at St. Edmund's College, Shillong, for actively participating in 15 Days Summer Training w.e.f 3rd July, 2023 to 18th July 2023 on "Recombinant Protein Expression" that comprised of Media preparation, Culturing of fungal cells in solid and liquid media, cell harvesting, Protein and Glucose estimation, SDS PAGE and Western blotting at Epygen Laboratories under the guidance of Dr. Saptarshi Paul, Lead Scientist, Epygen Biotech Pvt. Ltd., Mumbai. This programme was organized by Epygen Biotech Pvt. Ltd. and Biotechnology Department of St Edmund's College, Shillong.

Debayan Ghosh Chairman, Epygen Biotech

18th July, 2023











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Epygen Biotech Pvt. Ltd

N 28/2, Addl. Patalganga, Maharashtra 410220, India.

Certificate of Participation

Awarded to Ms. Bhaswati Chakraborty, student of Vth Semester of B.Sc., Biotechnology at St. Edmund's College, Shillong, for actively participating in 15 Days Summer Training w.e.f 3rd July, 2023 to 18th July 2023 on "Recombinant Protein Expression" that comprised of Media preparation, Culturing of fungal cells in solid and liquid media, cell harvesting, Protein and Glucose estimation, SDS PAGE and Western blotting at Epygen Laboratories under the guidance of Dr. Saptarshi Paul, Lead Scientist, Epygen Biotech Pvt. Ltd., Mumbai. This programme was organized by Epygen Biotech Pvt. Ltd. and Biotechnology Department of St Edmund's College, Shillong.

Debayan Ghosh Chairman, Epygen Biotech

18th July, 2023











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ICAR RESEARCH COMPLEX FOR **NEH REGION UMIAM-793103 MEGHALAYA**



CERTIFICATE

Alarissa Jasmine Sanian successfully completed 15 days training programme on "Improving the practical skills and motivate students to pursue career in science" from the Division of Animal and Fisheries Sciences, ICAR Research Complex for NEH Region, Umiam, Meghalaya from 10th to 24th July, 2023.

Head (DAFS)

Dr. V. K. Mishra Director









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GOVERNMENT OF MEGHALAYA

DEPARTMENT OF FOREST AND ENVIRONMENT OFFICE OF THE DIVISIONAL FOREST OFFICER, SILVICULTURE DIVISION, MEGHALAYA:: SHILLONG - 793001



Tel: 0364-2502789

TO WHOM IT MAY CONCERN

This is to certify that Miss Suman Basumatary, BSc Biotechnology (V Semester) of St. Edmund College Shillong has completed a 15 days summer training on "Plant Tissue Culture", organised by Plant Tissue Culture Laboratory, Silviculture Division, Forest and Environment Department, Upper Shillong

> Divisional Forest Officer, Silviculture Division, Meghalaya, Shillong. Divisional Forest Officer Silviculture Division Maghalaya, Shiftong









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Internal Quality Assurance Cell St. Edmund's College

(Affiliated to North Eastern Hill University, Shillong)
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Laitumkhrah, Shillong – 793003, Meghalaya, India

E-mail: sec20iqac@gmail.com

Website: http://sec.edu.in

Interactive Session on

Evaluative Process of NAAC Accreditation

By

Rev Fr. Emmanuel Kallarckal csc

Ex Principal, Holy Cross College, Agartala 20th March, 2021

		Signature		
SI No	Name	Department	Signature	
1	Monetal Chrokrovery	N.P.	(A)	
2	Monetas Christmany	Department V. F.	13-1-18	
3	Jasmine T. Sawiar	EVS	damar	
4	SARMISTHA DEB	BCA	Sheh	
5	LORRAINE C. MASSAC	Economics	Col Necrol Bymbai	
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7	DeSulman Syjewiang	Botany	000	
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frontiers | Frontiers in Sustainable Food Systems

TYPE Original Research 14 October 2022 DOI 10.3389/fsufs.2022.1036111

Check for updates

OPEN ACCESS

Riyaz Zafar Sayyed, PSGVP Mandal's ASC College, India

Shalini Rai Society for Higher Education & Practical Applications, India Kandasamy Saravanakumar, Kangwon National University, South Korea Mohammad Tarique Zeyad, National Bureau of Agriculturally Important Microorganisms (ICAR), India Sadia Zafar, University of Education Lahore, Pakistan

Bashir Ahmad Ganai bbcganai@gmail.com

This article was submitted to Crop Biology and Sustainability, a section of the journal Frontiers in Sustainable Food Systems

RECEIVED 03 September 2022 ACCEPTED 26 September 2022 PUBLISHED 14 October 2022

Bashir F, Bashir A, Rajput VD, Bouaïcha N, Fazili KM, Adhikari S Negi Y, Minkina T, Almalki WH and Ganai BA (2022) Microcystis sp. AE03 strain in Dal Lake harbors cylindrospermopsin and microcystin synthetase gene cluster.
Front. Sustain. Food Syst. 6:1036111.
doi: 10.3389/fsufs.2022.1036111

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Microcystis sp. AE03 strain in Dal Lake harbors cylindrospermopsin and microcystin synthetase gene cluster

Fahim Bashir^{1,2}, Arif Bashir³, Vishnu D. Rajput⁴, Noureddine Bouaïcha⁵, Khalid M. Fazili⁶, Samrat Adhikari⁷, Yogesh Negi⁷, Tatiana Minkina⁴, Waleed Hassan Almalki⁸ and Bashir Ahmad Ganai^{1,2}*

¹Department of Environmental Science, University of Kashmir, Srinagar, India, ²Center of Research To Pepartment of Environmental Science, University of Nashmin, Similar, Sim University of Kashmir, Srinagar, India, ⁷Department of Biotechnology, St. Edmund's College, Shillong, India, ⁸Department of Pharmacology, College of Pharmacy, Umm Al Qura University

Cyanobacterial harmful algal blooms (CHABs) are increasing at an alarming rate in different water bodies worldwide. In India, CHAB events in water bodies such as Dal Lake have been sporadically reported with no study done to characterize the cyanobacterial species and their associated toxins. We hypothesized that this Lake is contaminated with toxic cyanobacterial species with the possibility of the presence of cyanotoxin biosynthetic genes. We, therefore, used some of the molecular tools such as 16S ribosomal DNA, PCR, and phylogenetic analysis to explore cyanobacterial species and their associated toxins. A 3-year (2018-2020) survey was conducted at three different sampling sites of Dal Lake namely, Grand Palace Gath (S1), Nigeen basin (S2), and Gagribal basin (S3). Two strains of Dolichospermum sp. AE01 and AE02 (S3 and S1 site) and one strain of Microcystis sp. AE03 (S2 site) was isolated, cultured, and characterized phylogenetically by 16S ribosomal DNA sequencing. The presence of cyanotoxin genes from the isolates was evaluated by PCR of microcystins (mcyB), anatoxins (anaC), and cylindrospermopsins (pks) biosynthesis genes. Results revealed the presence of both mcyB and pksgene in Microcystis sp. AE03, and only anaC gene in Dolichospermum sp. AE02 strain. However, Dolichospermum sp. AE01 strain was not found to harbor any such genes. Our findings, for the first time, reported the coexistence of pks and mcyB in a Microcystis AE03 strain. This study has opened a new door to further characterize the unexplored cyanobacterial species, their associated cyanotoxin biosynthetic genes, and the intervention of high-end proteomic techniques to characterize the cyanotoxins.

Dal Lake, Dolichospermum sp. strain AE01, Dolichospermum sp. strain AE02, Microcystis sp. strain AE03, anatoxin-a, microcystin, cylindrospermopsin

Frontiers in Sustainable Food System









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Skill Development in Biotechnology in North East India

Skill to Entrepreneurship - The Next Level

12th - 15th March, 2019 Venue Advanced Level Biotech Hub, St. Edmund's College, Shillong, Meghalaya

Sponsored by

Institute of Bioresources and Sustainable Development, Imphal, Department of Biotechnology, Government of India

Organized by

Biotech Park, Lucknow at Advanced Level Biotech Hub, St. Edmund's College, Shillong

	PROGRAMME								
In a comment O a a since									
Inaugural Session									
DAY 1: 12 th March, 2019 [Tuesday]									
1000 - 1100 hrs.	Registration of Participants & Mentors								
1100 - 1110 hrs.	Welcome - Prof B. Manners , Department of Biotechnology, St. Edmund's College, Shillong								
1110 - 1120 hrs.	Welcome Address - Dr. Sylvanus Lamare , Principal, St. Edmund's College, Shillong								
1120 - 1130 hrs.	Address of Gathering - Bro Simon Coelho , Secretary, Governing Body, St. Edmund's College, Shillong								
1130 - 1200 hrs.	Address by the Chief Guest - Dr. Abhijit Sharma , Director, Indian Institute of Entrepreneurship, Guwahati, Assam								
1200 - 1210 hrs.	Remarks by Guest of Honor - Prof. Dinabandhoo Sahoo , Director, Institute of Bioresources & Sustainable Development, Imphal, Manipur								
1210 - 1220 hrs.	Remarks by the Guest of Honor - Padma Shri Prof. Pramod Tandon , CEO, Biotech Park, Lucknow								
1220 - 1225 hrs.	Vote of Thanks – Prof. Koben J Nongkynrih , Deputy Coordinator, Advanced Level Biotech Hub, St. Edmund's College, Shillong								
1225 - 1300 hrs.	Group Photograph and Tea								

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DBT HELEH

भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

गुवाहाटी 781 039, असम, भारत Indian Institute of Technology Guwahati, Guwahati 781 039, Assam, India.

Phone Nos.: +91-361-258 2082

: +91-361-258 2089 e-mail : dornd@iitg.ernet.in

Prof Gopal Das
Dean Research and Development & the
Coordinator, NECBH Programme
IIT Ginvahati
Assam 781039
Ref: NECBH/2019-20/139

PI Name: Eros Vasil Kharsifithg / Sanction Letter

Category: Eureka
Your Project ID: 139
Project Tile: Tile: Functional characterisation of LOV/LOV protein (LLP) blue-light photoreceptors in tornato / Duration: 2.5 Years

Total Sanction amount: Rs.1592750.00

Account Head	For Principal Investigator	For CO PI IITG			
Non-Recurring	200000.00		For CO PI Other Institutes		
Man Power	660000.00	Nil	Nil		
Consumables		Nil	Nil		
Travel	475000.00	Nil Nil	Nil		
Contingency	50000.00	Nil	Nil		
Total	Nil	Nil	Nil		
Over Head	1385000.00	Nil	Nil Nil		
Over Head	Nil	Nil			
Instrument Maintenance For			1 1111		
NECBH		207750.00			
Grand Total					
		1592750.00			

Sanction Letter

Don

- 1. The principal investigator (FI) has to acknowledge project number BT/COE/M/SP28408/2018 of Department of Biotechnology (DBT), Govt. of
- Funds will be released in subsequent installation subject to satisfactory performance of the project and availability of fund
- The Institute/PI would furnish a Utilization Certificate and an audited statement of expenditure duly signed by the PI, the Head of the Institute and the Head of the Finance wing, pertaining to the grant at the end of each financial year as well as a consolidated statement of expenditure at the end of the completion of the project or whenever it is required.
- The PI is not permitted to seek or utilize funds from any other organization (Government, Semi Government, Autono
- Any unspent part of amount would be surrendered to the Research and Development Section, IIIG and carry forward of funds of the next Any unspise part to instant would be serviced to the extraction of extraction of the HTG and Department of Biotechnology (DBT).
- IIT Guwaluti or DBT reserves the right to terminate the grant at my stage and also to recover the amounts already paid if it is convinced that the grant has not been properly utilized or the work on the project has been suspended for any unduly long period or appropriate progress is not being
- The project will become operative with effect from April 29, 2019.
- A copy of progress report has to be sent in the month of January till the completion of project or whenever it is required.
- Travel should be used mainly for sample collection, discussion among the PE not for other purpose. No international Travel will be undertaken from the sanctioned project grant.
- If the investigation to whom a great for a project has been sanctioned leaves the institution where the project is being implemented. PI shall submit five copies of complete and detailed report of the work done by him on the project and the amoney spent till the date of his/hor release and shall also arrange to refund the unspent balance, if any to JIT Guwaheri.







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Good evening Dr. Samrat Adhikari,

I hope that you will be doing great. Well, let me introduce myself. I am Arif Bashir from Kashmir. I have done my doctorate in Biochemistry from Kashmir University in collaboration with IISC, Bangaluru and University of Delhi. Presently, I am an independent researcher at the Department of Biotechnology, University of Kashmi

I have designed a PhD synopsis for my brother titled," Genetic screening of Anabaena present in Dal-Lake in Kashmir valley", which he is doing under the supervision of Prof. Bashir A. Ganai, Ex-Director, Centre of Research for Development, University of Kashmir-Srinagar. I have discussed this synopsis with him and I assured him that we will turn up with a good publication. This lake has not been previously studied and characterized for the presence of Anabaena species. Our main aims are as follows:

- 1. To explore the presence of toxic genes in *Anabaena* species and what could be the impact of such species on the aquafauna of Dal-Lake
 2. MALD-TOF and mass spectroscopy of such strains to explore the presence of other proteins that might play an important role in their expansion in Dal-Lake.
 3. Engineering recombinant plasmids to understand the role of fusion proteins *in vitro* for their possible interaction with other protein molecules.

Since we doing this kind of work for the first time and we don't have a positive control to check the validity of our extracted DNA, I, therefore, request your good self to

I hope that our active collaboration can bring a nice piece at the end of the day.

With regards

Arif Bashir

NPDF-fellow Professor Fazili's lab for protein dynamics and Structural Biology Cell No. +919205141886

Google Scholar: https://scholar.google.co.in/citations?user=UJF-AUgAAAAJ&hl=en

Researchgate: https://www.researchgate.net/profile/Arif_Bashir2







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Cippy Bio International

Partners of rural India

21/04/2021

Dr. Sanjiban Goswami Head, Department of Botany St. Edmunds' College Shillong

Dear Dr. Goswami,

Sub: Letter of Appreciation

We send this letter to you as a token of our appreciation for you in providing the local inputs required during our trial run with our Bio Organic Fertilizer in Kyiem village, Smit area and also for the Bio Organic fertilizer plant being set up in Kyiem village (Mawphlang block) by Kyiem Integrated Village Cooperative Society Ltd. (KIVCS)

Your inputs were very useful during the initial on-field trials. With such inputs and our intent to deliver the best to the farming community shall see the light of the day, soon. We are also thankful to Govt. Of Meghalaya, for accepting our proposal and sanction of grant to KIVCS, for the first of it's kind plant in Meghalaya. We value your association with us and wish to continue our mission under your valuable guidance and support.

Yours sincerely

For Cippy Bio International

Prabin Dev

Office: B-43, Sita Tower, Nr.Shivrajani Cross road, Satellite –Ahemdabad (Guj) INDIA. http:www.cippybiointernational.com,Email: cippybio@gmail.com Factory: 902,GIDC Dholka- Ahmedabad (Guj) -INDIA









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SIKKIM UNIVERSITY (भारत के संसद के अधिनियम द्वारा वर्ष 2007 में स्थापित और नैक (एनएएसी) द्वारत वर्ष 2015 में प्रत्यायित केंद्रीय दिस्सविद्यालय) (A central university established by an Act of Parliament of India in 2007 and accredited by NAAC in 2015)

To

Dr Samrat Adhikari

Head

Department of Biotechnology

Coordinator

Bioinformatics centre (Funded by DBT, GoI)

Advanced Level Biotech Hub (Funded by DBT, GoI)

Member Secretary, STAR College Scheme (Funded by DBT, GoI)

St. Edmund's College, Shillong

Dated 15-11-2019

Subject: Recommendation for one month training for two MSc students

Dear Sir.

With reference to the above-mentioned subject, I am hereby recommending names of two of our M.Sc. students, Ms. Mahima Gurung and Ms. Nidhi Saxena for one month training in your esteemed institution. Their CV is enclosed herewith for your kind reference. I request you to kindly consider for the same.

Thanking you,

Sincerely yours,

Dr. K. Birla Singh

Head

Department of Zoology

Sikkim University

Gangtok 737102







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Skill Development on Biotechnology in North East India

Workshop on

Value Additions to Bioresource & Entrepreneurship Development

13th – 16th September, 2019

Organized by

Biotech Park, Lucknow & Advanced Level Biotech Hub, St. Edmund's College, Shillong



ATTENDANCE SHEET

No	Name	Gender	College	DAY 1 (13th)		Day 2 (14th)		Day 3 (16th)	
				ENTRY	EXIT	ENTRY	EXIT	ENTRY	EXIT
1	Hemov Bora	М	St. Edmund's College	Hemor				Hemor.	Humor
2	Nikita Gogoi	F	St. Edmund's College	Nikila	while	Miketa	Nikela	Nikila	Nikila
3	Sourav Chetia	М	Universal College of Medical Sciences & Teaching Hospital		Schelie				
4	Takop Chader	М	St. Edmund's College	Ab	Ab	A6	Ab	A6	Ab
5	Kuldeep Thakuria	М	St. Edmund's College	Kurderp	Juldeep	kudul	Kuldeep	Kulder	Kuldeep
6	Pdianghu Dkhar	F	St. Edmund's College	She	Alla	Othe	Sche	book to	The
7	Sagarika Doloi	F	St. Edmund's College	Sprita	Spirka	Parilla		0	
8	Kabyashree Gogoi	F	St. Edmund's College	Valaye	Kalon	Kologo-	Notet	Koloya	Kobyts
9	Thounaojam Jackson Singh	М	St. Edmund's College	Th. Jackson	The Jackson	Th. Jackson	Th. Jackson	Th. Jackson	Th. Jackson
10	Lamminlien Singson	М	St. Edmund's College	Ab	Ab	Ab	A6	Аb	Ab
11	Grace Evangel Marwein	F	St. Edmund's College	G. MARWEN	G. Marwien	9 Markocin	S-Manuscun		

Sponsored by

Institute of Bioresources and Sustainable Development, Imphal, Department of Biotechnology, Government of India









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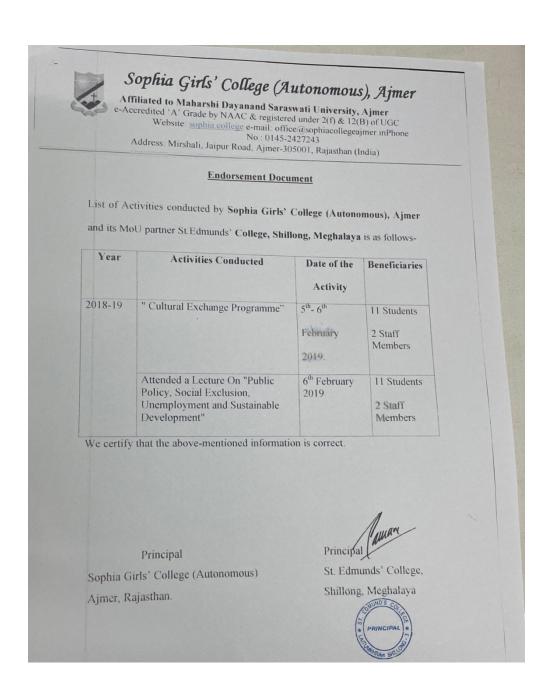
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National Level Online Seminar Presentation Competition

Organised byDepartment of Physics, Digboi College
In Association with IQAC, Digboi College, Digboi, Assam – 786171
An Initiative under the DBT Star College Scheme

Date: 26/07/2021

Ref. No.: DigCol/Phy/NalSem/2021/01

The result of the "National Level Online Seminar Presentation Competition" organised by Department of Physics, Digboi College in association with IQAC, Digboi College, among the Undergraduate level students having Physics as a Honours/Major subject is as follows.

Result

1st Prize: Pragya Parasar, 4th Sem., B.Sc., Cotton University, Assam.

2nd Prize: Shyamalee Bora, 5th Sem., I.M.Sc., Dibrugarh University, Assam.

3rd Prize: Anirban Das, 2nd Sem., B.Sc., St. Edmunds College, Shillong, Meghalaya, 4th Prize:

- (i) Niyar Prabhat Kalita, 3rd Sem., B.Sc., Pub Kamrup College, Assam.
- (ii) Abhishek Phukon Borah, 2nd Sem., B.Sc., JIST, Jorhat, Assam.
- (iii) Devanuj Bharali: 5th Sem., B.Sc., DKD College, Assam.
- (iv) Priyanshu Priyam Alabiyan, 1st Sem., B.Sc., Sibsagar College, Assam.
- (v) Tonmoyee Gogoi, 1st Sem., B.Sc., DHSK College, Dibrugarh, Assam.

The subject experts who have evaluated the individual student presentations on the final and 3^{rd} stage "vive-voce" held on 25/07/2021 were -

Subject Experts

Digboi College

- 1. Dr. Bhim Prasad Sharma, Dept. of Mathematics, Tezpur University, Assam
- 2. Dr. Soumen Chakraborty, Dept. Electronics, St. Edmunds College, Shillong, Meghalaya.
- 3. Dr. Abu Mustako, Dept. of Physics, Dibrugarh University, Assam.
- 4. Dr. Anup Kumar Nath, Dept. of Physics, Cotton University, Assam.

Sd/- Sd/Dr. R. Patowary Dr. J. Handique
HOD, Dept. of Physics Co-ordinator, IC

Dr. J. Handique Dr. Dip Saikia Co-ordinator, IQAC Principal Digboi College Digboi College

Sd/-

0364-2224533







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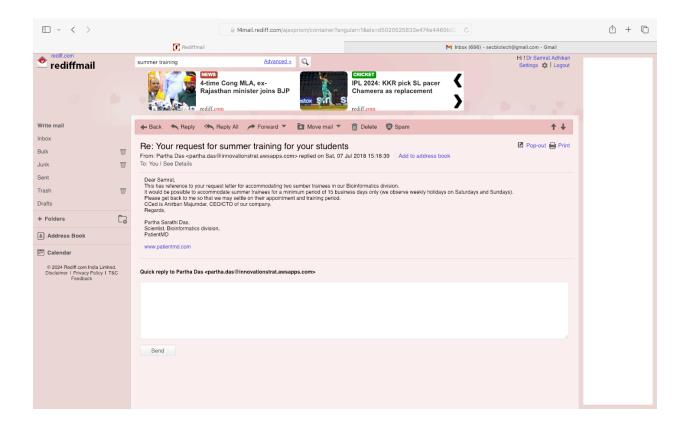
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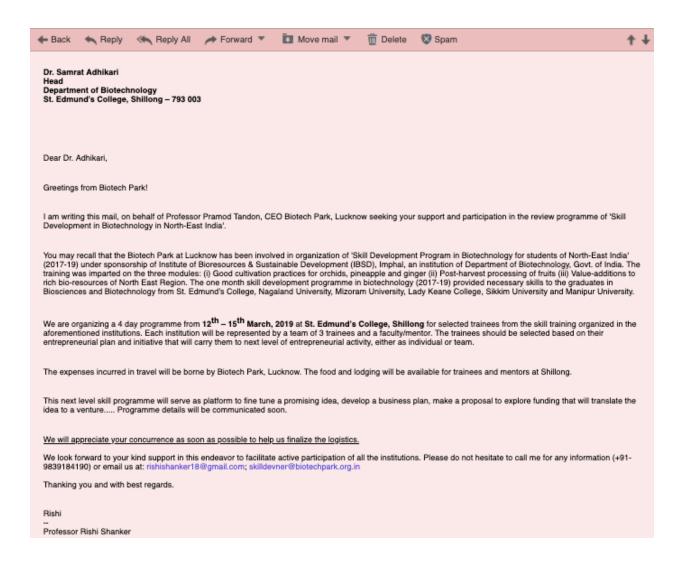
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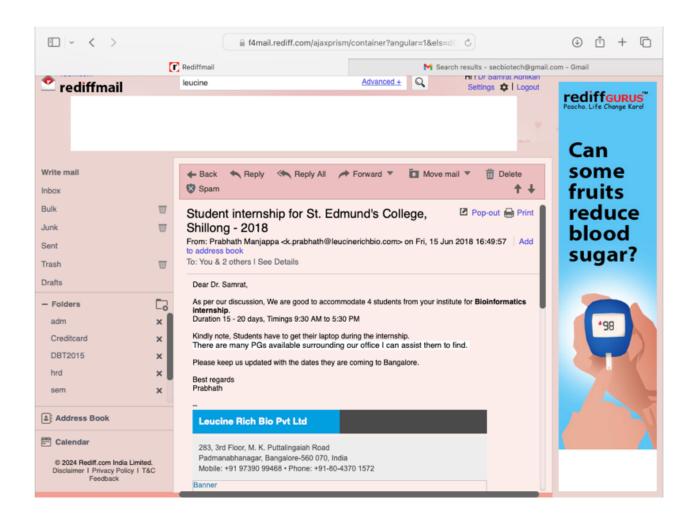
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Department of Genetic Engineering and Biotechnology

Shahjalal University of Science & Technology Sylhet-3114

Bangladesh.



This is certify that Sanjida Chowdhury Reya, a student of the Department of Biotechnology, St. Edmund's College, Shillong, India, successfully completed the internship program under the supervision of Professor Dr. Md. Abdullah Al Mamun with support by Department of Genetic Engineering and Biotechnology, Shahjalal University of Science and Technology, Sylhet-3114, Bangladesh from 26 July to 11 August, 2022.

I wish her future success.

Dr. Md. Abdullah Al Mamun

Professor

Department of Genetic Engineering and Biotechnology Shahjalal University of Science and Technology Sylhet-3114

Bangladesh

Cell: +8801714516910

E-mail: mamamun-geb@sust.edu; mssohel@yahoo.com









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Technology Business Incubator

IIIM-Technology Business Incubator CSIR-Indian Institute of Integrative Medicine Canal Road, Jammu-180001 (India)



Dr. Saurabh Saran

Principal Investigator

Ref No.111M-TB1/22-23/ST/08

Dated 05/50 2022

CERTIFICATE

This is to certify that Ms. Rebecca D. L. Marbaniang, pursuing B.Sc. Biotechnology having University Roll No S2001334 from St. Edmund's College, Shillong, India has under gone training titled "Principles & Operations and Troubleshooting of High Performance Liquid Chromatography" under my supervision and guidance (from 22nd August to 5th September 2022) at Quality Control and Quality Assurance Facility, Quality Management & Instrumentation Division, CSIR-Indian Institute of Integrative Medicine, Jammu, India. No part of this training report can be published without the prior written consent of the IIIM-TBI. The report submitted is an original record of the work done by the candidate herself and has not been submitted for the any award or any other degree or diploma of this or any other university in India or abroad

Ms. Rebecca D. L. Marbaniang Candidate University Roll No S2001334

Dr. Deepika Singh

Principal Scientist & Head

Quality Control & Quality Assurance Facility Quality Management & Instrumentation Division CSIR-Indian Institute of Integrative Medicine

Canal Road, Jammu - 180001

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