Report on

Add-on course in Clinical Biochemistry (2022-2023)

Department of Biochemistry, St. Edmund's College

The Add-on Course in Clinical Biochemistry course commenced on the 18th October of 2022 and concluded on 28th June, 2023 for the session of 2022-2023. The main objective of the course is develop the skill on handling semi-autoanalyzer in the students. Content wise it specifically focused on quantitative determination of various biochemical parameters in serum samples. At a larger perspective the course is design to motivate students to undertake Clinical Science in Higher Studies and future research. The report provides an overviews on the course.

- 1. Course Coordinator: Dr.Banteiskhem Kharwanlang
- 2. **Papers**: CB101 (Theory), CB102 (Practical), CB103 (Theory) & CB104 (Practical)
- 3. Each Paper carries 50 Marks.
- 4. Resource Persons/Invigilators/Examiners:
 - a. Dr. Harmit Ranhotra
 - b. Dr. James Wahlang
 - c. Dr.Banteiskhem Kharwanlang
 - d. Dr. K. Hadem
 - e. Dr.Omarlin Kyndiah
- 5. **Target Participants**: Fifth Semester Students of Biochemistry
- 6. Number of Students admitted: 19
- 7. Theory contact hours: 23 hours
- 8. Practical contact hours: 33 hours
- 9. Examination:
 - i. Dates:
 - a. Theory (CB101: 17th May, 2023 and CB103: 18th May, 2023)
 - b. Practical (CB102: 27th June, 2023 and CB104: 28th June, 2023)
 - ii. Each Paper carries a maximum marks of 50 & Pass Marks of 20.
 - iii. Result Declared on 19th August, 2023

- iv. Number of Students Pass: 10
- v. Marksheets & Certificates are provided to successful students
- vi. Students who could not pass the examination are encourage to appear in the next session of 2023-2024
- 7. **Feedback:** Students gave their feedback via google form.
- 8. Theory & Practical sessions are arrange so that it does not clash with ongoing main undergraduate course.
- 9. Laboratory & Examination Assistance by Mr. Bancasper Khongrymmai, Lab Attendant is acknowledged.
 - 10. **Reagents:** ERBA Kits

Students Listed for the Programs

Name	Roll Number	Attendance Theory (23 Classes)	Attendance Practical (11 Sessions)
Abhishek Kumar Sah	362	21	11
Suraj Singh	381	17	6
Fivarine Sumer	382	22	11
E Malvin L Dumai	376	20	10
Daysun R Shira	354	20	7
Sudarshana Borah	353	17	8
Nishita Hazarika	361	13	3
Trideep Das	351	8	04
Saphidaroibun	355	18	7
Gashnga			
SynsharPyrbot	357	20	10
Zaheed Hussain	358	21	8
Manoshi Ghosh	359	16	8
Pragya Mukherjee	360	16	11
Glorify Shylla	363	19	9
WanrikyntiPhawa	365	12	7
Iaijoplin Lyngdoh	367	16	7
Johnson Mylliem	371	18	9
Favio A Rymmai	375	17	03
E Malvin L Dumai	376	20	10

Wandakahi War	379	22	8

Challenges: Finding slots or free periods to manage the theory & practical classes as well the examination schedule of the Add-on Course.

Conclusion:

The Add-on Course in Clinical Biochemistry Course has provided a valuable knowledge and practical skills in the quantitative determination of various biochemical parameters in serum utilizing samples thesemi-autoanalyzer.Students learned perform clinical tests such as cholesterol, triglycerides, glucose, urea. total bilirubin and calcium tests. Students have been found to handle the semi-autoanalyzer skilfully and it will be an added resource in case for their higher studies in clinical science.

END OF REPORT

a. Results

Name of Candidate	Result	
Trideep Das	NY	
Sudarshana Borah	C	
Daysun R Shira	NY	
Saphidaroibun Gashnga	C	
Synshar Pyrbot	С	
Zaheed Hussain	NY	
Manoshi Ghosh	NY	
Pragya Mukharjee	C	
Nishita Hazarika	С	
Abhishek K Sah	NY	
Glorify Shylla	NY	
Wanrikynti Phawa	С	
Iaijoplin Lyngdoh	С	
Johnson Mylliem	С	
Favio A Rymmai	NY	
E Malvin L Dumai	C	
Wandakahi War	C	
Suraj Singh	NY	
Fivarine Sumer	NY	

^{**} C= Completed; NY= Not yet completed

Course Coordinator

Head of Department,
Department of Biochemistry

^{***} Certificate of Completion & Marksheet will be provide on the 30th August, 2023.

b. Attendance

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c. Photos









Photo a: Students operating the semi-autoanalyzer on the first day of practical

Photo b: Practical session and group discussion

Photo c: Theory Exams

Photo d: Group Photo after final practical examination