

1.3.2

Report on workshop on "Tally"- 2014-15 - Department of Commerce & Management

Aurora's Degree & PG College

Venue: Chikadpally Campus

Date: 18th - 20th December, 2014

Objectives:

- To help the students understand computerized accounting & its importance.
- To enable the students to use computerized accounting besides manual accounting
- To introduce the students to comprehensive accounting systems
- To enable to students to get placed in reputed companies

Resource Persons:

U Venkata Chalapathi

DGM & Centre Head, NSIC.

Course coordinator:

Vani Harpan Halli, NSIC.

Course Coordinators from the college:

Suseela Kanduri

Deepa B S

Number of Participants: 86


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Course in Clinical Biochemistry

The Department of Biochemistry in collaboration with Global Medical Education and Research Foundation (GMERF) has started an adjunct course in Clinical Biochemistry on 9th August 2014. The course was designed mainly to provide students with a thorough grounding both in the theory and practicals in Clinical biochemistry as conducted within the any of the hospitals and diagnostics laboratories.

Objectives

- To provide students with advanced understanding and applied knowledge both in theory and practicals related to Clinical Biochemistry
- To equip students with a critical understanding of biochemical investigations and correlate the same in clinical diagnosis
- To provide students with the necessary professional and research skills to promote Lifelong learning and career development
- To develop a Conducive environment wherein, students can learn and explore the latest methodologies in clinical diagnosis thereby form a productive part of a health service laboratory team.

A total of 24 students of B.Sc., Bt.Bi.C II and Mi.Bi.C II have registered for the course and are currently about to finish their course work. The theory classes are conducting in the Department of Biochemistry, Aurora's Degree & PG College whereas, the practical sessions in Global Hospitals, Hyderabad. The students are giving more practical orientation of various clinical tests, Diagnosis, Automation etc.

List of students registered for the certificate course in Clinical Biochemistry

S. No.	Name of the Student	Class/Section
1.	Ayesha Fatima	Mi.Bi.C II
2.	D. Praveen	Mi.Bi.C II
3.	P. Mahesh Babu	Mi.Bi.C II

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4.	K. N. K. L. Lavanya	Mi.Bi.C II
5.	B. Niharika	Mi.Bi.C II
6.	Manisha Malani	Mi.Bi.C II
7.	B. Prasanna	Mi.Bi.C II
8.	I.V.S.V. Raksha	Mi.Bi.C II
9.	P. Surya Kumar Reddy	Mi.Bi.C II
10.	M. Saroja	Mi.Bi.C II
11.	N. Supriya	Bt. Bi. C II
12.	P. Pranaya	Bt. Bi. C II
13.	A. Anusha	Bt. Bi. C II
14.	Soham Desai	Bt. Bi. C II
15.	Y. Sai Shri	Bt. Bi. C II
16.	R. Geetika Sagar	Bt. Bi. C II
17.	S. Sowmya	Bt. Bi. C II
18.	H. Venkatesh	Bt. Bi. C II
19.	P. Amrutha Varshini	Bt. Bi. C II
20.	T. Vaishnavi Goud	Bt. Bi. C II
21.	C. Pavani	Bt. Bi. C II
22.	B. Sai Charan Reddy	Bt. Bi. C II
23.	G. Srija	Bt. Bi. C II
24.	S. Hemanth Sai	Bt. Bi. C II
25.	C. Sai Alekhya	Bt. Bi. C II

Assessment

The assessments would be conducted to assess a student's knowledge and understanding about their learning during the course work whilst refining and expanding their intellectual and transferable skills is done. The assessment test consists of questions related to various Clinical investigations, diagnosis, quality control and case studies.

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COURSE CONTENTS

Unit – I:

1. The Clinical Biochemistry Laboratory and the Use of Laboratory.
2. The Interpretation of Results
3. Quality Control
4. Photometry
5. Automation

Unit - II

6. Estimation of Blood Glucose
7. Glucose Tolerance Test
8. Glycated Hemoglobin

Unit - III

9. Estimation of Blood Urea
10. Estimation of Serum Creatinine
11. Estimation Total Protein
12. Estimation of Serum Albumin and Globulin
13. Estimation of Aminotransferases (Transaminases)
14. Estimation of Serum Alkaline Phosphatase (King & King Method)
15. Estimation of Serum Bilirubin

Unit - IV

16. Estimation of serum triglycerides
17. Estimation of Serum Cholesterol (Total)
18. Estimation of Serum HDL cholesterol

Unit - V

19. Estimation of Enzymes in diagnosis of myocardial infraction
20. Estimation of Serum Calcium
21. Estimation of Serum Phosphorus (Inorganic)
22. Serum Electrolytes

Unit - VI

23. Estimation of Serum Uric Acid
24. Blood Gas Analyzer
25. Examination of Cerebrospinal Fluid (CSF)
26. Serum Amylase



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