

GOVERNMENT COLLEGE KARIAVATTOM

DEPARTMENT OF BIOCHEMISTRY

CERTIFICATE COURSE IN QUALITY ASSURANCE AND QUALITY CONTROL

Session 2023-24

Course Coordinator - Dr. C. R. Dhanya

Objective: To provide the students with a foundational understanding of quality assurance and control and open up employment prospects in various sectors including clinical and pharmaceutical industry.

Course Outcome: On completing the course, the student will be able to

- Differentiate between quality assurance and quality control
- Develop familiarity with quality and its concept
- Familiarize sampling and analytical methodologies involved in quality assessment
- Acquaint with minor and sophisticated instruments used in quality testing
- Understand the working of QA & QC labs in industries

A total of 26 students enrolled for the course and completed.

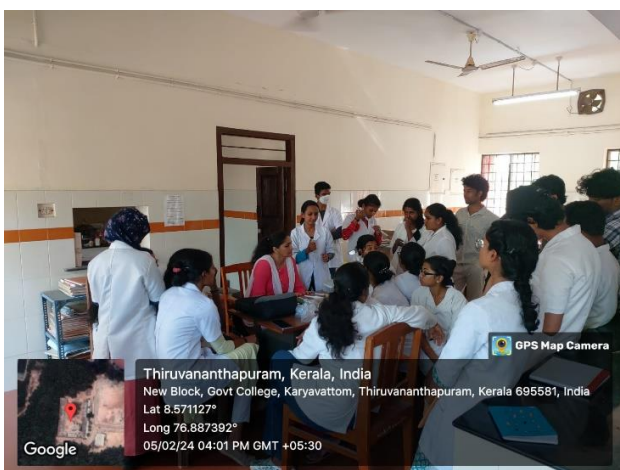
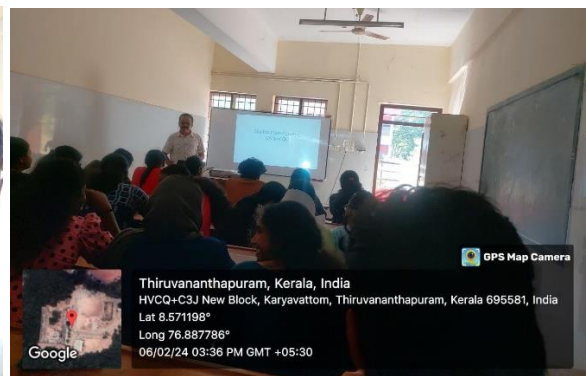
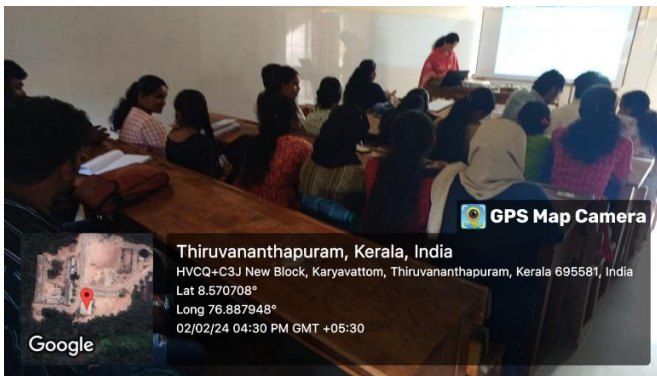
S.No.	Name	Admission number	S.No.	Name	Admission number
1	Aathirakrishna S	6723	14	Athun. M	6439
2	Abhishek.B	6638	15	B Priyamvada	6340
3	Adithya S	6403	16	Ganu Vijayan	6346
4	Aiswariya sunil	6337	17	Greeshma H A	6688
5	Aiswarya Ashok	6637	18	Jasmin	6712
6	Akash A	6348	19	Lekshmi Sajeev	6537
7	Akshayalakshmi K S	6534	20	Muhammad Thanseer. S	6639
8	Anakha	6522	21	Neethu B S	6664
9	Aneena Benny	6453	22	Neha Manojkumar	6938
10	Anjana S	6678	23	Shahana R	6438
11	Anjana S Anil	6374	24	Shahin Muhammed	6531
12	Asna.R	6717	25	Shefee Ashirin D	6347
13	Athira P B	6377	26	Sujin S P	6400

The Course duration was 40 hrs and included lectures, practical sessions and institute visits. Evaluation was done through assignment submission and MCQ based test at the end of course.

1. The Course is uploaded in college LMS



2. Lecture and practical sessions were conducted by Dr. Sini H., Dr. Radhika A., Dr. Boban P.T. and Dr. C. R. Dhanya.



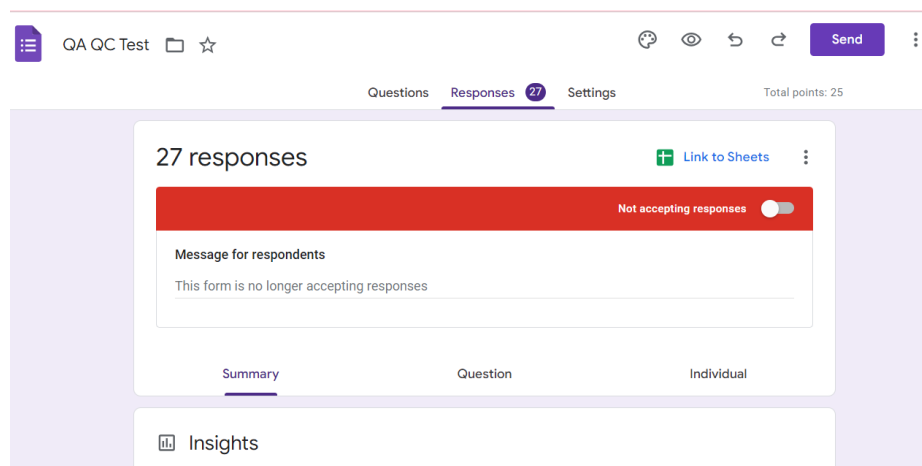
3. An invited lecture was organised on ‘QA & QC: An Industrial Scenario’. Resource person- Sri Shyam R S, alumni of the Department of Biochemistry.

The image displays a webinar promotional poster on the left and two screenshots of a mobile app interface on the right. The poster is for a webinar titled "QA & QC: An industrial scenario" held on May 11th, 2024, at 7pm. The host is Syam R S (M.Sc.), Manager at Origin Diagnostics & Research, Kollam, Kerala, an alumni of the Department of Biochemistry (2017-20 batch) at Government College Kariavattom. The poster features a circular portrait of Syam R S and a Venn diagram comparing QA and QC. The mobile app screenshots show a presentation slide titled "Quality Assurance (QA) VS Quality Control (QC)" and a grid of participant avatars, including Syam, sini, and Anjan.

4. Assignment was given on Standard Operating Procedure of equipment

The screenshot shows a course management system interface. On the left is a navigation menu with options: QA-QC, Participants, Badges, Competencies, Grades, General, Module I: Basic concepts of QA and QC, Topic 2, Topic 3, Topic 4 (highlighted), and Institute visit. The main content area features a blue header with the college logo and the title "Certificate Course in Quality Assurance and Quality Control". Below this is a breadcrumb trail: "Dashboard / Courses / Add-on Courses / Department of Biochemistry / QA-QC / Topic 4 / SOP of Instruments". The main heading is "SOP of Instruments", with a "MARK AS DONE" button. It also displays the course dates: "Opened: Monday, 20 May 2024, 12:00 AM" and "Due: Tuesday, 21 May 2024, 12:00 AM".

5. Multiple Choice Question based test was conducted



S.No.	Name	Marks obtained	S.No.	Name	Marks obtained
1	Adithya S	23	14	Athun .M	23
2	Aathira Krishna	17	15	B Priyamvada	18
3	Abhishek	19	16	Ganu Vijayan	17
4	Aiswariya sunil	21	17	Greeshma H	19
5	Aiswarya Ashok	20	18	Jasmin	17
6	Akash. A	21	19	Lekshmi Sajeev	20
7	Akshaya Lekshmi K S	18	20	Muhammad Thanseer	23
8	Anakha A S	17	21	Neethu B S	17
9	Aneena Benny	22	22	Neha manojkumar	21
10	Anjana S	19	23	Shahana	25
11	Anjana S anil	18	24	Shahin Muhammad	23
12	Asna	19	25	Shefee Ashirin.D	25
13	Athira P B	19	26	Sujin S P	15

6. Institute visit

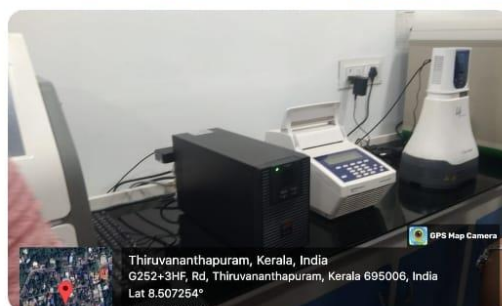
(i). QA & QC labs of Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum



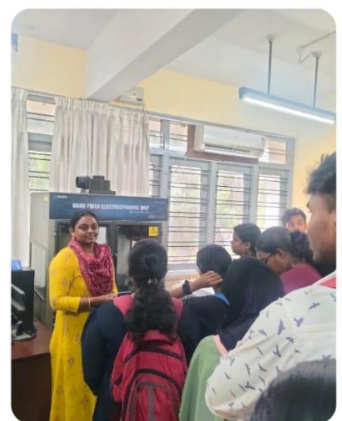
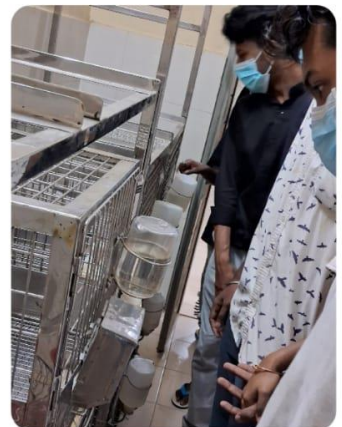




(ii). Biogenix Research Centre for Molecular Biology and Applied Science (BRCMAS), Valiyavila, TVM, run by Dr. Rajesh, Alumni, Biochemistry Department, Government College Kariavattom.



(iii). Department of Biochemistry, Kariavattom campus-animal house and other instrumentation facilities.



(iv). CENTRAL LABORATORY FOR INSTRUMENTATION AND FACILITATION (CLIF),
University Of Kerala.

