



# EMMANUEL COLLEGE

VAZHICHAL, THIRUVANANTHAPURAM

A Latin Catholic Institution | Affiliated to the University of Kerala



## ANNUAL REPORT IQAC 2020-21



INTERNAL QUALITY ASSURANCE CELL

[emmanuelcollege.ac.in](http://emmanuelcollege.ac.in)

## **Internal Quality Assurance Cell**

Emmanuel College Vazhichal has always been dedicated to providing quality education and improving the overall learning experience for its students. Since 2019, the Internal Quality Assurance Cell (IQAC) has been working towards fostering a culture of academic excellence by promoting a student-centered environment, involving all stakeholders, and setting high-quality benchmarks. Through efforts, IQAC has played a crucial role in shaping the institution's academic success. It continues its journey to enhance and evaluate the quality of education at the college, ensuring that students receive a transformative educational experience that prepares them for a bright future.

### **Functions:**

The National Assessment and Accreditation Council advocates the establishment of Internal Quality Assurance Cell (IQAC) by all the institutions imparting higher education throughout the country for speedy, efficient, smooth function

### **Objectives:**

The primary aim of the IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution, besides implementation of good practices in quality assurance to develop quality culture Functions:

- Development and application of quality benchmark/parameters for the various academic and administrative activities of the institution.
- Dissemination of information on the various quality parameters of higher education
- To motivate for organization of Conferences, Workshops, Seminars of quality related themes and promotion of quality circles.
- Documentation of the various programmes/activities leading to quality improvement.
- Preparation of the Annual Quality Assurance Report (AQAR) for onward submission to NAAC based on the quality parameters.

**Strategies:**

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- Optimization and integration of modern methods of teaching, learning and evaluation.

**Benefits:**

- A high level of clarity and focus in the overall functioning of institution towards quality enhancement and facilitate internalization of the quality culture.
- To the enhancement and integration among the various activities of the institution and institutionalize many good practices.
- To provide a sound basis for decision making to improve institutional functioning.
- To act as a change agent in the institution

**Emmanuel college Vazhichal**  
**Composition of EXTERNAL IQAC**

An online meeting was held on 04.06.2020 to constitute External IQAC. The External IQAC was formed and the team members are:

Sl.No	Name	Designation
1	Rt. Rev. Msgr. G Christudas	Manager
2	Dr. J Vijayakumar	Principal
3	Fr. Joseph Auguistine	IQAC Coordinator
4	Ms. Melbha D	Criteria Coordinator – I
5	Dr. Lekshmi Vijayanathan	Criteria Coordinator – II
6	Ms. Gopika MS	Criteria Coordinator – III
7	Ms. Shyni AL	Criteria Coordinator – IV
8	Mr. Jino John	Criteria Coordinator – V
9	Mr. Manoj BS	Criteria Coordinator – VI
10	Dr. Minikumari A	Criteria Coordinator – VII
11	Mr. Sanal Kumar C	Nominee from Academic Committe
12	Ms. Angel Kumari G	Nominee from Academic Committe
13	Dr. RS Shaji	External expert from other college
14	Mr. Ahammed S	Student Member
15	Mr. Amal Raj JM	Student Member
16	Dr. Mohan MS	Nominee from Local Society

## **CONSTITUTION**

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4. Documentation of the various programmes/activities leading to quality improvement.

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## Department of Biochemistry

1 Department of Biochemistry of Emmanuel College Vazhichal in association with IQAC conducted a curriculum enrichment programme on the topic Gene Therapy for the students of this department on 19/06/2020 at 10am . Dr Maya Madhavan , Assistant professor, Govt. college for women , Vazhuthacaud was the Chief Guest. The programme was good and interesting.

2 Department of Biochemistry of Emmanuel College Vazhichal in association with IQAC conducted a curriculum enrichment programme on the topic Endocrinological Disorders for the students of this department on 10/07/2020 at 10am .Dr mini, Head, University campus,karyavattom was the Chief Guest. The programme was good and interesting.

3 Department of Biochemistry of Emmanuel College Vazhichal in association with IQAC conducted a curriculum enrichment programme on the topic Importance of protein intake for the students of this department on 22/09/2020 at 10am . Dr Boban , Assistant professor, Govt. college, karyavattom was the Chief Guest. The programme was good and interesting.

4 Department of Biochemistry of Emmanuel College Vazhichal in association with IQAC conducted a curriculum enrichment programme on the topic Amniotic fluid & its significance for the students of this department on 12/ 11/2020 at 10am . Dr Anila A , Assistant professor, NSS college , Nilamel , was the Chief Guest. The programme was good and interesting.

5 Department of Biochemistry of Emmanuel College Vazhichal in association with IQAC conducted a curriculum enrichment programme on the topic Advanced techniques in Biochemistry for the students of this department on 16/12/2020 at 10am .DrSini H ,Assistant professor, Govt. college, karyavattom was the Chief Guest. The programme was good and interesting.



## Department of Geography

1. The Emmanuel College Vazhichal Department of Geography, in collaboration with IQAC, organized a curriculum enrichment programme for its students on the subject of " Aeolian features" on October 7, 2020, starting at 10.30 a.m. The chief guest was Syam Kumar S, Assistant professor in geography, Sree Narayana Guru college of Advanced Studies, Chempazhanthy. It was an informative and motivating workshop.
2. The Emmanuel College Vazhichal Department of Geography, in collaboration with IQAC, organized a curriculum enrichment programme for its students on the subject of " Kerala waterways" on September 28, 2021, starting at 10.30 a.m. The chief guest was Manoj G, Assistant professor in geography ,Govt. Arts and Science college ,Kulathoor. It was an informative and motivating workshop.
3. The Emmanuel College Vazhichal Department of Geography, in collaboration with IQAC, organized a curriculum enrichment programme for its students on the subject of " Disaster and development projects" on January 20, 2021, starting at 10.30 a.m. The chief guest was Prasad Rajendran, Assistant professor in geography , University college ,Thiruvananthapuram. It was an informative and motivating workshop.
4. The Emmanuel College Vazhichal Department of Geography, in collaboration with IQAC, organized a curriculum enrichment programme for its students on the subject of " Tertiary formations of Kerala" on January 25, 2021, starting at 10.30 a.m. The chief guest was Dr.K P Jaikiran, Assistant professor in geography , University college ,Thiruvananthapuram. It was an informative and motivating workshop.
5. The Emmanuel College Vazhichal Department of Geography, in collaboration with IQAC, organized a curriculum enrichment programme for its students on the subject of " Network Analysis in GIS" on February 5, 2021, starting at 10.30 a.m. The chief guest was Ampily P R, Assistant professor in geography ,NSS College,Pandalam. It was an informative and motivating workshop.
6. The Emmanuel College Vazhichal Department of Geography, in collaboration with IQAC, organized a curriculum enrichment programme for its students on the subject of " Monsoon" on October 27, 2021, starting at 10.30 a.m. The chief guest was Dr.Karthika K, Assistant professor in geography ,Govt. College Kariavattom. It was an informative and motivating workshop.

## Department of English

Department of English on 04/12/2020 Conducted curriculum enrichment programme on the topic 'puritanism' Dr. Praveen Thomson Asst prof Govt arts college was the resource person. The programme was highly informative and the students understood the influence of Puritanism in English Literature.

Department of English on 08/01/2021 conducted a curriculum enrichment programme on the topic 'Children's Literature in Indian writing' Ms. Khyrunissa an Rtd professor of All Saints College was the resource person. The program was successful and the students understood the core concepts and relevance of Children's Literature in Contemporary Literature.

On 18/06/2021 the department of English conducted a curriculum enrichment program on the topic 'Modern trends in Indian writing' Mr. Vijayakumar Rtd prof Govt. Arts College, Tvm was the resource person. The class was highly informative and the students understood the current trends in Indian writing.

## Department of Computer Science

The department of Computer science has conducted a online seminar on 5/06/2020, regarding DIGITAL CURRENCY 'by an industry expert AKHIL RAJ . Prof. Selvin Jose G, IQAC Director, Emmanuel College addressed the audience. Mr. Benziger Raj J 8, HoD Department of Computer Science presided over the function. Total of 84 students participated in the seminar. There was a great enthusiasm among the students and they were looking highly spirited. The chief guest gave very motivating speech on this occasion about industry life and opportunities.

The department of Computer science has conducted a online seminar on 6/11/2020, regarding HOME NETWORKING 'by an industry expert VANI . Prof. Selvin Jose G, IQAC Director, Emmanuel College addressed the audience. Mr. Benziger Raj J 8, HoD Department of Computer Science presided over the function. Total of 54 students participated in the seminar. There was a great enthusiasm among the students and they were looking highly spirited. The chief guest gave very motivating speech on this occasion about industry life and opportunities.

The department of Computer science has conducted a online seminar on 11/02/2021, regarding 'by an industry expert SHINU from TECH MAHINDRA. Prof. Selvin Jose G, IQAC Director, Emmanuel College addressed the audience. Mr. Benziger Raj J 8, HoD Department of Computer Science presided over the function. Total of 94 students participated in the seminar. There was a great enthusiasm among the students and they were looking highly spirited. The chief guest gave very motivating speech on this occasion about industry life and opportunities.



## **Department of Botany and Biotechnology**

On June 10, 2020, at 10:30 a.m., the Emmanuel College Vazhichal Department of Botany and Biotechnology, in collaboration with IQAC, organized an international workshop on the subject of "Different Culture media" for its students. The chief guest was Asst Prof and HOD in Botany, NSS College, Pandalam, Dr. Sandhya P. The workshop was stimulating and educational.

On July 22, 2020, at 10:30 a.m., the Emmanuel College Vazhichal Department of Botany and Biotechnology, in collaboration with IQAC, organized an international workshop on the subject of "Animal diversity" for its students. The chief guest was Asst Prof and HOD of NSS Cherthala, Dr. Praveen Kumar. The workshop was stimulating and educational.

On August 13, 2020, at 10:30a.m., the Emmanuel College Vazhichal Department of Botany and Biotechnology, in collaboration with IQAC, organized an international workshop on the subject of "Workshop on Plasmid Expression Vectors and Application" for its students. The chief guest was Director Biogenic Research Centre, Poojapura, TVM Dr. Rajesh Ramachandran. The workshop was stimulating and educational.

On January 28, 2021, at 10:30a.m., the Emmanuel College Vazhichal Department of Botany and Biotechnology, in collaboration with IQAC, organized an international workshop on the subject of "Current developments in Plant tissue culture" for its students. The chief guest was Research Associate CTCRI, TVM, Kerala, Shibin Felix. The workshop was stimulating and educational.

On February 18, 2021, at 10:30 a.m., the Emmanuel College Vazhichal Department of Botany and Biotechnology, in collaboration with IQAC, organized an international workshop on the subject of "Immunology" for its students. The chief guest was State Director of WWF, India Rajan Mathew Varghese. The workshop was stimulating and educational.

On March 9, 2021, at 10:30 a.m., the Emmanuel College Vazhichal Department of Botany and Biotechnology, in collaboration with IQAC, organized an international workshop on the subject of "Genetic Abnormalities" for its students. The chief guest was Asst Prof in Botany and Biotechnology NSS College Cherthala, Mrs. Megha S Nair. The workshop was stimulating and educational.

## Department of Physics

The Emmanuel College Vazhichal Department of Physics , in collaboration with IQAC, conducted a curriculum enrichment program for the students on January 22, 2020 at 10 am with the theme "Quantum Mechanics." Expert in the field of quantum mechanics , Dr John Jacob was the Chief Guest. The lecture highlighted the importance of quantum mechanics

The Emmanuel College Vazhichal Department of Physics , in collaboration with IQAC, conducted a curriculum enrichment program for the students on March 20, 2020 at 10 am with the theme "Electrodynamics." Expert in the field of physics , Dr Vidya was the Chief Guest. The lecture highlighted the importance of electrodynamics

The Emmanuel College Vazhichal Department of Physics , in collaboration with IQAC, conducted a curriculum enrichment program for the students on June 26, 2020 at 10 am. with the theme "Electronics" Expert in the field of Physics Dr Sajikumar was the Chief Guest. The lecture highlighted the importance of electronics

The Emmanuel College Vazhichal Department of Physics , in collaboration with IQAC, conducted a curriculum enrichment program for the students on July 21, 2020 at 10 am with the theme "Classical Mechanics." Expert in the field of Physics Smt Deepa N Bhadrans was the Chief Guest. The lecture highlighted the importance of classical mechanics

The Emmanuel College Vazhichal Department of Physics , in collaboration with IQAC, conducted a curriculum enrichment program for the students on September 15 2020 at 10 am . with the theme "Optics." Expert in the field of Physics Dr Srijith S was the Chief Guest. The lecture highlighted the importance of optics.

