



EMMANUEL COLLEGE

VAZHICAL, THIRUVANANTHAPURAM

A Latin Catholic Institution | Affiliated to the University of Kerala



ANNUAL REPORT

IQAC
2019-20



INTERNAL QUALITY ASSURANCE CELL

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

Composition of IQAC

| 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 Committee |
| 12 | Ms. Angel Kumari G | Nominee from Academic Committee |
| 13 | Dr. RS Shaji | External expert from other college |
| 14 | Mr. Absal David | Student Member |
| 15 | Mr. Aromal AS | Student Member |
| 16 | Dr. Mohan MS | Nominee from Local Society |

CONSTITUTION

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1 Department of Biochemistry of Emmanuel College Vazhichal in association with IQAC conducted a curriculum enrichment programme on the topic Recombinant DNA Technology for the students of this department on 06/03 /2019 at 10am . Dr Boban , Assistant professor, Govt. college, karyavattom 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 Side effects of antifertility agents for the students of this department on 20/06 /2019 at 10am . Dr Reji Susan Biju, Assistant professor, AJ college, Thonnakkal 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 Nutritional & metabolic disorders for the students of this department on 07/08 /2019 at 10am . Dr Swathy S S, Assistant professor, AJ college, Thonnakkal 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 Physiology of Heart for the students of this department on 16/09/2019 at 10am . Dr Sini H ,Assistant professor, Govt. college, karyavattom 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 Physiology of Heart for the students of this department on 16/09/2019 at 10am . Dr Sini H ,Assistant professor, Govt. college, karyavattom was the Chief Guest. The programme was good and interesting.

6 Department of Biochemistry of Emmanuel College Vazhichal in association with IQAC conducted a curriculum enrichment programme on the topic Diabetic Neuropathy for the students of this department on 21/01/2020 at 10am . Dr Maya Madhavan , Assistant professor, Govt. college for women , Vazhuthacaud 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 " Cyclone" on September 9, 2019, 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
2. The Emmanuel College Vazhichal Department of Geography, in collaboration with IQAC, organized a curriculum enrichment programme for its students on the subject of " Fluvial Geomorphology of Karamana River" on September 24, 2019, starting at 10.30 a.m. The chief guest was Dr.A. Pratheep ,Assistant professor in geology,Kariavattom Campus, University of Kerala. 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 " Automated cartography" on January 1, 2020, starting at 10.30 a.m. The chief guest was Athira G S, Assistant professor in geography, Sree Narayana Guru college of Advanced Studies, Chempazhanthy. 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 " Cultural ecology" on January 8, 2020, starting at 10.30 a.m. The chief guest was Dr.T K Prasad, Assistant professor in geography , Govt. College Kariavattom. 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 " Landslides of Kerala" on July 1, 2020, starting at 10.30 a.m. The chief guest was Dr. Sabeen, Assistant professor in geology ,Govt. College Kariavattom. 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 " Resource depletion" on September 24, 2020, starting at 10.30 a.m. The chief guest was Sheheersha S K, Assistant professor in geography , University college ,Thiruvananthapuram. It was an informative and motivating workshop.

Department of English

Department of English on 19/07/2019 conducted a curriculum enrichment program on the Evolutionary stages of film studies. Dr Sonia J Nair. Asst prof All saints college tvm was the resource person was the resource person, The programme was very informative and students understood the core concepts of film studies.

Department of English on 06/12/2019 conducted a seminar on qheer theory Dr. Parasuraman Assistant prof of University College TVM was the resource person. The Class was highly informative and the students benefited from the knowledge about variant gender identities.

Department of Computer Science

The department of Computer science has conducted a online seminar on 5/06/2019, regarding QUANTAM COMPUTING 'by an industry expert AKHIL from RRD TECH. 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 workshop on 10/07/2019, regarding 'NANOROBOTICS' by an industry expert from Dr Sajilal (Department of physics . Prof. Selvin Jose G, IQAC Director, Emmanuel College addressed the audience. Mr. Benziger Raj J8, HoD Department of Computer Science presided over the function. Total of 114 students participated in the workshop. 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 workshop on 11/12/2019, regarding 'EMBEDDED SYSTEM' by an industry expert YOHANNAN . 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 workshop. 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 Physics

The Emmanuel College Vazhichal Department of Physics , in collaboration with IQAC, conducted a curriculum enrichment program for the students on January 23, 2019, at 10 am with the theme "electronics." Expert in the field of electronics, Mrs Soumya 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 27 February 2019, at 10 am. with the theme "Quantum Mechanics" Expert in the field of Physics, Mr Arun 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 June 18, 2019 , at 10 am. with the theme "Spectroscopy" Expert in the field of Atomic and Molecular spectroscopy, Dr Santhosh was the Chief Guest. The lecture highlighted the importance of spectroscopy

The Emmanuel College Vazhichal Department of Physics , in collaboration with IQAC, conducted a curriculum enrichment program for the students on July 24, 2019, at 10 am. with the theme "Space Physics." Expert in the field of Astronomy and Astrophysics, Dr Vipin das was the Chief Guest. The lecture highlighted the importance of space physics

The Emmanuel College Vazhichal Department of Physics , in collaboration with IQAC, conducted a curriculum enrichment program for the students on September 19, 2019, at 10 am. with the theme "Thermodynamics." Expert in the field of Physics. Dr Anitha was the Chief Guest. The lecture highlighted the importance of thermodynamics'

Department of Botany Biotechnology

On February 26, 2019, 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 "Industrial Biotechnology", for its students. The chief guest was Asst Prof Department of Botany and Biotechnology, St. Xavier's College, Thumba, Dr, Nisha Rani. The workshop was stimulating and educational.

On June 12, 2019, 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 "Scope of Biotechnology" for its students. The chief guest was Asst. Prof Department of Botany and Biotechnology, Mr. Ajith M. Thomas. The workshop was stimulating and educational.

On August 14, 2019, 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 " Levels of Organization" for its students. The chief guest was Asst Prof, Department of Biotechnology Mar Ivanios, Ms. Deepthy Alex. The workshop was stimulating and education.

On September 12, 2019, 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 "Aquatic life" for its students. The chief guest was Prof and HOD in aquatic biology and fisheries in Kerala University TVM, Dr A Biju Kumar. The workshop was stimulating and educational.

On December 18, 2019, 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 "Methods in Biological Investigation" for its students. The chief guest was Asst, Prof Department of Biotechnology Mar Ivanios College TVM, Dr M S Lini N. The workshop was stimulating and educational.

On January 15, 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 " History and Progress in cell Biology" for its students. The chief guest was Prof and HOD in Kerala University TVM, Dr. E.A Siril. The workshop was stimulating and educational.

On February 19, 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 "Antibiotics" for its students. The chief guest was, Prof and Hod Department of Biochemistry, Kerala University, Dr. Helen. The workshop was stimulating and educational.

Department of Commerce

On September 17, 2019, at 10.30 a.m., the Emmanuel College Vazhichal Department of commerce , in collaboration with IQAC, organized an seminar on the subject of “ Enhancing employee performance to monetary incentives ” for its students. The chief guest was Assistant professor in commerce, MG college Thiruvananthapuram , Dr. Sumesh G. The seminars was stimulating and educational.

On July 02, 2020, at 10.00 a.m., the Emmanuel College Vazhichal Department of commerce , in collaboration with IQAC, organized an seminar on the subject of “ Implication of globalization and national security ” for its students. The chief guest was Assistant professor in commerce, MG college Thiruvananthapuram , Dr. Deepa krishnan . The seminars was stimulating and educational.

On February 01, 2019, at 10.30 a.m., the Emmanuel College Vazhichal Department of commerce , in collaboration with IQAC, organized an seminar on the subject of “ Significants of e-commerce of emerging market ” for its students. The chief guest was Assistant professor in commerce, MG college thiruvananthapuram , Dr. Priya . The seminars was stimulating and educational.

On January 09, 2019, at 10.30 a.m., the Emmanuel College Vazhichal Department of commerce , in collaboration with IQAC, organized an seminar on the subject of “ Impact of outsourcing material availability ” for its students. The chief guest was Assistant professor in commerce, Govt. college Nedumangadu, Dr. Roosevelt M. The seminars was stimulating and educational.

On January 02, 2019, at 10.30 a.m., the Emmanuel College Vazhichal Department of commerce , in collaboration with IQAC, organized an seminar on the subject of “ Artificial intelligence in new era ” for its students. The chief guest was Assistant professor research supervisor in commerce, MG college thiruvananthapuram , Dr. Pradeep kumarbN . The seminars was stimulating and educational.

On July 08, 2019, at 11.30 a.m., the Emmanuel College Vazhichal Department of commerce , in collaboration with IQAC, organized an seminar on the subject of “ Role of e commerce in reducing operational cost ” for its students. The chief guest was Assistant professor in commerce, Mannania college pangodu , Dr. Suma . The seminars was stimulating and educational.

On February 01, 2019, at 10.30 a.m., the Emmanuel College Vazhichal Department of commerce , in collaboration with IQAC, organized an seminar on the subject of “ Significants of e-commerce of emerging market ” for its students. The chief guest was Assistant professor in commerce, MG college thiruvananthapuram , Dr. Priya . The seminars was stimulating and educational.

