



St. George's
College *Aruvithura*

Estd. 1965

REPORT OF THE IQAC 2018-19

Aruvithura P.O., Kottayam,
Kerala - 686122

www.sgcaruvithura.ac.in
iqac@sgcaruvithuura.ac.in
Ph: 04822 272220, 274220

IQAC Annual Report 2018- 19

Vision

The Internal Quality Assurance Cell of the college assesses and sustains the quality benchmarks of the academic and administrative functioning of the institution in tune with the Vision and Mission of the institution.

Mission

To ensure continuous quality improvement, best learning outcomes by facilitating student-centric learning environment, research and innovation and uprightness.

Objectives and Functions of IQAC

Objectives

- Enhance and sustain quality and coordinate quality-related activities by developing an organised methodology of documentation and internal communication.
- Moulding and amalgamating the activities of the College to ensure adoption and propagation of good practice
- Initiating the conduct of internal and external Academic Audits of departments to promote quality, accountability and transparency.
- Designing and maintaining a system of feedback on processes and policies of the College from stakeholders.
- Preparing the Annual Quality Assurance Report (AQAR) as per NAAC guidelines

Functions

- Setting up the quality parametres and monitoring their application in the various academic and administrative activities of the institution
- Guaranteeing the conducive environment for the learner centric education by innovative teaching and effective learner assessment.
- Initiating programmes and trainings for advancing the career prospects of the faculty members and upgrading their their proficiency.
- Spearheading the conduct of internal and external academic audits of the departments to promote accountability, quality and transparency.
- Pioneering and documenting all the activities of the institution and monitoring the their progress .

- Organizing seminars, webinars and invited talks for the production and dissemination of knowledge.
- Collaborating and conjoining with various international and national institutions and industries Drafting and submitting the Annual Quality Assurance Report (AQAR) as per the guidelines prescribed by NAAC
- Maintaining an effective feedback system from students, parents and stakeholders on the progress of the institution
- Drafting and submitting the Annual Quality Assurance Report (AQAR) as per the guidelines prescribed by NAAC
- Maintaining an effective feedback system from students, parents and stakeholders on the progress of the institution.

IQAC Profile

1	Dr. M V Georgekutty	Chairperson and Head of the Institution
2	Dr Reji Vargheese Mekkaden	IQAC Coordinator
3	Ms Tessy K Mathews	Faculty
4	Dr Mary Joseph	Faculty
5	Ms Sheelamma George	Faculty
6	Dr Siby Joseph	Faculty
7	Ms Jilu Ani John	Faculty
8	Mr Joby Joseph	Faculty
9	Ms. Lidiya George	Faculty
10	Ms Sherin Elizabeth John	Faculty
11	Sri K T Joseph	Superintendent
12	Sri P D Sunil Babu	Local Community Member(Rtd RTO&Nodal Officer Sabarimala)
13	Adv Martin Kakkallil	Alumnus

Significant Contributions made by IQAC in 2018-19

Academic Retreat

The Academic Retreat was conducted on 1 June 2018. IQAC organised the event which analysed the performance of the institution in the previous year and chalked out the plans for the next academic year.

Preparation of Academic Calendar

IQAC initiated the timely preparation of the Academic Calendar for the academic year 2021-22. The instructions and inputs from the Governing Body, College Council. The university Academic calendar and the Plan of Action of various departments were promptly incorporated into the calendar. Mr Linu T James, Assistant Professor prepared the Calendar paying meticulous attention to the details and as per the suggestions of the Principal and IQAC.

Starting New Courses

IQAC took up the initiative to start a new skill based course. The institution applied for the new generation course BVoc Food Technology & Analysis which was sanctioned during the academic year.

Infrastructure Augmentation

As per the request of IQAC, a new examination hall was built and the beautification of the campus also was initiated by IQAC.

Feedback on Academic Performance

Feedback on the academic performance of the institution was taken from all the stakeholders. The collected feedback responses were analysed and the necessary corrective suggestions were handed over to respective teachers and departments.

Annual Academic and Administrative Audit

The Annual Academic and Administrative Audit was conducted on 29/03/2019 and 30/03/2019. Departmental presentations were assessed and suggestions were given.

List of Teachers who Attended Faculty Development Programme

Name of teacher	Name of conference/ workshop attended for which financial support provided
Nisha Joseph	Orientation Programme by UGC HRDC Kerala
Dr. Santhosh Kumar R	Science Academies Refresher Course in Quantum Mechanics for nuclear and particle Physics
Mithun John	Faculty Development Programme in Commerce
Sibil Jose	Refresher Course in Statistics and Research methodology
Dr.Anu Thomas	One-week Short Term Course on "IoT & Security"
Dr.Anu Thomas	Two week "Advanced Summer School on NLP" (IASNLP-2018)
Mr. JOM.K.TOM	5th National conference on "Advanced Computing and Communication Technology"
Ms. Mesily Cyriac	5th National conference on "Advanced Computing and Communication Technology"
Ms.Liji Thomas	5th National conference on "Advanced Computing and Communication Technology"
Ms. Minu Mariya Jose	5th National conference on "Advanced Computing and Communication Technology"

Ms.Sheenu Toms	5th National conference on "Advanced Computing and Communication Technology"
Mr.Arun Babu	5th National conference on "Advanced Computing and Communication Technology"
Ms.Bincy Michael	5th National conference on "Advanced Computing and Communication Technology"
Ms.Mareena George	5th National conference on "Advanced Computing and Communication Technology"
Thejmol George	NPTEL Course in Postcolonial Literature, IIT Kanpur
Jilu Ani John	NPTEL Course in Postcolonial Literature, IIT Kanpur
Benoy Kurian Mylamparambil	NPTEL-AICTE FDP on "Introduction to Basic Spoken Sanskrit"
Dr. Laiju Varghese	Refresher Course- Summer School

Faculty Publications

Title of paper	Name of the author/s	Department of the teacher	Name of journal	ISSN number
Generalized Inference for the overlapping coefficient of two Pareto Distributions	Sibil Jose, Seemon Thomas	Statistics	International Journal of Computational and Theoretical Statistics	ISSN: 2210-1519
Interval Estimation of the Overlapping Coefficient of two Exponential Distributions	Sibil Jose, Seemon Thomas, Thomas Mathew	Statistics	Journal of Statistical theory and Applications	ISSN: 2214-1766
Interval Estimation of the Overlapping Coefficient of two Normal Distributions- One Way ANOVA with random effects	Sibil Jose, Seemon Thomas	Statistics	Thailand Statistician	ISSN: 2351-0676
Interval Estimation of the Overlap Coefficient of Two normal Distributions	Sibil Jose, Seemon Thomas	Statistics	Discussiones Mathematicae: Probability and Statistics	ISSN: 1509-9423
Intuitionistic Fuzzy Graph of Third Type	Josna James, Dr. Shiny Jose	Mathematics	International Journal of Scientific research in Mathematical and Statistical Sciences	ISSN: 2348-4519

Intuitionistic Fuzzy Divisor Cordial Graph	Josna James,Dr. Shiny Jose	Mathematics	International Research Journal of Engineering and Technology	ISSN: 2395-0072
Fibonacci Product Cordial Graphs	Tessymol Abraham,Dr. Shiny Jose	Mathematics	JETIR	ISSN: 2349-5162
Fibonacci Product Cordial Labelling of some graphs	Tessymol Abraham,Dr. Shiny Jose	Mathematics	International Journal for Research in applied sciences and Engineering Technology	ISSN: 2321-9653
Some new Families of Fibonacci Product Cordial Graphs	Tessymol Abraham,Dr. Shiny Jose	Mathematics	Universal Review	ISSN: 2277-2723
Properties of Intuitionistic L-Fuzzy sets of Third type	Afshan,Dr. Shiny Jose	Mathematics	International Journal of Scientific research in Mathematical and Statistical	ISSN: 2348-4519
Intuitionistic Fuzzy Logic Control for Microwave Ovens	Afshan,Dr. Shiny Jose	Mathematics	International Journal of Mathematics Trends and Technology	ISSN: 2231-5373
Medical Diagnosis in Intuitionistic Fuzzy Context	Jeswin B.George,Dr. Shiny Jose	Mathematics	Notes on Intuitionistic Fuzzy Sets	ISSN: 1310-4926
Intuitionistic Fuzzy Approach in Solving Traveling	Anju Thomas,Dr. Shiny Jose	Mathematics	International Journal of Scientific Research in Mathematical	ISSN: 2348-4519

Salesman Problem			and Statistical Sciences	
Intuitionistic Approach to Heptagonal Fuzzy Number	Anju Thomas, Dr. Shiny Jose	Mathematics	International Journal of Mathematics Trends and Technology	ISSN: 2231-5373
Microwave assisted green synthesis of silver nanoparticles using leaf extract of elephantopus scaber and its environmental and biological applications	Sijo Francis, Siby Joseph, Ebey P. Koshy and Beena Mathew	Chemistry	Artificial Cells, Nanomedicine, And Biotechnology	ISSN: 1532-4184 (print) 1073-1199 (web)
Green Synthesis, Characterization and Applications of Noble Metal Nanoparticles Using Myxopyrum serratum A.W.Hill Leaf Extract	Remya Vijayan, Siby Joseph, Beena Mathew	Chemistry	Bio Nano Science	ISSN: 2191-1630 (print), 2191-1649 (online)
Indigofera tinctoria leaf extract mediated green synthesis of silver and gold nanoparticles and assessment of their anticancer, antimicrobial, antioxidant and catalytic properties	Remya Vijayan, Siby Joseph & Beena Mathew	Chemistry	Artificial Cells, Nanomedicine, And Biotechnology	ISSN: 1532-4184 (print) 1073-1199 (web)

Augmented antimicrobial, antioxidant and catalytic activities of green synthesised silver nanoparticles	Remya Vijayan, Siby Joseph and Beena Mathew	Chemistry	Materials Research Express	ISSN: 2053-1591
Eco-friendly synthesis of silver and gold nanoparticles with enhanced antimicrobial, antioxidant, and catalytic activities	Remya Vijayan, Siby Joseph, Beena Mathew	Chemistry	IET Nanobiotechnology	ISSN: 1751-875X