

IQAC Annual Action Report (2018-19)

In association with various bodies/clubs cells IQAC played significant role in maintaining the quality of the college in various aspects. Following are the activities of the college:

1. Teaching-learning processes: Majority of classes were conducted using ICT facility. At the end of academic year, student feedback regarding overall performance of teachers and college was collected and feedback analysis was conducted. Internal exams were conducted to assess students' performance and this was discussed in PTA meetings. Students of following departments secured University ranks.

Biochemistry, Biotechnology, Geography, Industrial Chemistry	Ist Rank
Biochemistry, Industrial Chemistry, Statistics	IInd Rank
Biochemistry, Biotechnology, Computer Science, PCA	IIIrd Rank

PG entrance coaching classes were conducted by Department of Chemistry, Biotechnology and Biochemistry. About one-third of the students of different departments sought admission to various post graduate courses.

Classes were conducted by Walk with the Scholar (WWS) and Scholar Support program (SSP). Two days Residential Camp on 'Role of Open Software LINUX in Educational was organised as a part of Walk With Scholar Program.

Faculty participation in

(i) Activities related to curriculum development and assessment of the affiliating Universities

Faculties of various departments worked as

- Member, Board of Studies of Universities/Autonomous Colleges
- Chairman and Question paper setters, Board of Question paper setters, University Examinations
- Chairman, Board of examiners, University Examinations
- Member, Malpractice prevention squad University of Kerala
- Syndicate member, University of Kerala

(ii) Activities related to other academic bodies

Faculties of various departments worked as

- Member, Board of Higher Secondary Examination
- Question paper setter, Kerala PSC
- Subject experts, Kerala PSC
- Question Paper Setter, HSS First Term, SCERT

2. Research activities of faculties

- *Faculties pursuing Ph.D:* Geography- One, Computer Science –Three, Statistics -One.
- *Number of faculties awarded Ph.D:* Geography-One.

- **Paper publications by Faculties**

- International -10
- National-1

International [Physics-2, Zoology-3, Chemistry-1, Biochemistry-1, Tamil-1, Geography-1 and Statistics-1]. National [Computer Science-1].

- **Paper presentations**

- International Conference: Five
- National Seminar: Ten

- **Book Chapters and Participation in Seminars**

- Book chapter - One (national)
- International Seminar- Ten
- National Seminar- Ninety Seven
- State Level Seminar - Eighteen

- **As Resource person**

- International Seminar: Chemistry- One, Biochemistry - One
- National Seminar: Computer Science- One, Hindi-Two
- State level Seminar: Geography- Four

3. Seminars/workshops/invited talks conducted

i. National Seminars on

- "Omics Based Approaches in Biotechnology", organised by Department of Biotechnology
- "Biomedical Research: Changing Paradigms across time", organised by Department of Biochemistry
- "National Seminar on Recent Trends in Chemistry", organised by Department of Chemistry.

ii. Invited talk on Artificial Intelligence taken by former student of the Department of Computer Science and Ist Rank holder of Kerala University to motivate the students to participate and initiate start up programs in relevant areas.

iii. Invited talk by Prof Harold Kachele, Germany organized by Department of Geography.

iv. FOSS Cell launched and two day workshop on FOSS technologies with special focus on Python Programming Language organised by the Department of Computer Science.

4. Number of Faculties who attended Refresher/Orientation/training courses

- Refresher Course - 4
- Orientation Course -1
- Short term Course -5
- Training Programme - 2

5. Study tour/Institutional visits: Study Tour and Institutional visit was conducted by Department of Geography, Zoology/Botany of Biotechnology and Biochemistry.

6. Extension activity

- Department of Physical Education organised Intercollegiate Kho-Kho men Championship, Cricket Championship and Roll ball Championship. Faculty of Physical Education department served as selector of University Aquatic & Water Polo team and Cricket team. Technical official of Intercollegiate Athletic meet and Co-convenor of South Zone Intercollegiate Cricket Match.
- In association with IQAC, NCC carried out coastal cleaning (Shanghumukham beach), Bus stand cleaning (Kaniyapuram bus stand) and Celebrated Children's day in Govt. I P School Chenkottukonam.
- In alliance with IQAC, NSS organised 'Yuvatha Nadiyodoppam' program, which included cleaning of river banks, planting of bamboo sapling in the river banks and awareness class regarding importance of rivers along the Vamanapuram River at Thellikachal, Pullampara, near Venjaramoodu. Along with Student Union, NSS participated in flood relief activities. Participated in 'Samridhi' and initiated cultivation of barren lands near Gandhipuram. Conducted Literacy Survey in the Kariavattom, Palayam and Nettayam regions of Thiruvananthapuram. Conducted blood donation camp along with Blood Bank of Government Medical College, Thiruvananthapuram. Volunteered service during 'Attukal Pongala' and 17th Lok Sabha election maintaining green protocol. Collected money to contribute to Ockhi Relief Fund.
- Department of Geography organised 'Geographica', One day workshop for higher secondary students.
- Department of French organised 'French Food Festival' as a part of French National Day.

7. Activities of various Clubs/Cells/bodies

• *Career guidance cell*

- Conducted Seminar regarding the course of Professional Diploma in Enterprise Networking Engineering (PDENE) for the 5th semester students by Sri. Niyas Khan S.
- Seminar on Business Management Studies for the second year students.
- Career Guidance Seminar and Career Counseling session for the third year students.
- Seminar on Career Empowerment through Creative Technology Skills.
- Along with Department of Statistics, conducted workshop on "Statistics as a Powerful Tool" for the third year Statistics students.
- iLearn IAS Academy conducted a iLearn IAS SAT - All Kerala Civil Services Scholarship -cum- Aptitude Test for the 2nd year and 3rd year students.

• *Gandhian Studies club*

Organised Three Day Residential Camp on 'Gandhian Secularism in the Contemporary Society'.

• *Nature club*

Established Butterfly Park in College campus; did mushroom cultivation; carried out microbial analysis of water in houses and organic farming in college campus.

• *Science Club*

Observed Science day, Organised invited talk on Climate Change and Water management issues.

• *Women's Cell*

- Conducted awareness class on Laws for Women by HoD Department of Law, University of Kerala.

- In association with 'Mathrukam' and NSS, conducted self-defense training for girl students.
- **Anti-Ragging cell**
Undertaking was made to be signed by all first year students at the time of admission to the college. General awareness was given to Students.
- **Anti-Narcotic Cell**
 - Inauguration of 'Vimukthi De-addiction Club and awareness class by Sri. Shibu, Circle Inspector of Excise.
 - A short film "Red Alert", created by the First-year students of our College, was submitted in the Short Film Competition conducted by Kerala Vimukthi Mission for College students.
 - Jeevithamanulahari- "Kitty monkey show" by Mr. Vinod Naranatu.
 - The inaugural function of the Anti-Drug campaign, by Sri. T. P. Ramakrishnan, State Minister for Excise and Labor.
- **NCC**
Observed/celebrated Environment day, Anti-narcotic day, Independence day, Surgical Strike day, Gandhi Jayanthi, World AIDS' day, Republic day and World water day. Coastal cleaning of Shankhumukham beach, bus stand cleaning (Kaniyapuram bus stand) was done. Children's day was celebrated in Govt. LP School Chenkottukonam.
- **NSS**
 - Two volunteers participated in the National Integration Camp 2018 organised by the Ministry of Youth Affairs and Sports, Government of India.
 - Observed International day against drug abuse with a seminar by Excise Circle Inspector Sri. Shibu
 - Celebrated NSS day and Gandhi Jayanthi. Celebrated International Women's day; seminar by Dr. SindhuThulaseedharan, Head of the Department of Law, University of Kerala.
 - Conducted yoga day program with Yoga practical training session handled by a Yoga teacher from Sivananda Ashramam.
 - Organised Seven Day residential Training Camp.
 - Other activities: Participated in Navangana, 82th year's celebrations of Temple Entry Proclamation on, Seminar on E- Waste Management on, 60th anniversary celebration of the Kerala Legislative Assembly, inaugurated by the Hon'ble President of India Sri. Ram Nath Kovind, two-day National Seminar on "Gender Equality – Problems, Strategies and Solution", three day Workshop on Women Capacity Building and Massive Cleaning Programme of University of Kerala, Thiruvananthapuram on and Workshop on waste management organized by Suchithwa Mission, Kerala.

8. Sports related activities

Physical Education Department organised coaching camps for football, cricket, volley ball, kho-kho, chess, athletics, power lifting, roll ball and aerobic exercise. Organised Inter-department competitions in football, volley ball, badminton, Cricket and Athletics. Students of the college participated in National level competitions in Cycling, Roll ball, Gymnastics, Body building and Kho kho; and, south zone Inter University Chess Championship.

9. Students participation in academic programs outside college:

- Participated in one day Science Outreach Programme in NIIST TVM and JNCASR-FCBS Workshop.
- Students participated in Recitation competition organized by Alliance Française, Trivandrum, an international organization under French Embassy.
- French students interacted with Annette Leday Choreographer, stage director and dancer.

10. Students Union activities:

Sports day, Arts festival, Onam fest and fresher's day, were organised.

11. Alumni activity

Invited talk on 'Personality Development' by Dr. Aravind, Talk on 'Climate Change' by Dr. Bharath Govind, during NSS camp, Contribution towards flood relief fund and relief materials.



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